
2026
JBM
JBM
JBM
JBM
20V
4.0Ah 80Wh
19
21
YOUR TOOLS




**7 TOOL SETS**

TOOL SETS
SOCKET SETS
TOOL BOXES / CASES
BIT SETS
MINI RATCHET SET
SET OF ADAPTORS
SOCKETS SETS
BIT SOCKET SETS
INSULATED TOOLS





**37 HAND TOOLS**

SPANNERS
BAR CLAMP
RATCHET
TORQUE WRENCHES
EXTENSION BARS
SCREWDRIVERS
PLIERS
INSPECTION TOOLS
HAMMERS
CUTTING TOOLS
CHISELS
RIVETERS
MEASURING TOOLS
VARIOUS





**75 WORKSHOP FURNITURE AND EQUIPMENT**

FURNITURE SET
TOOL TROLLEYS
TOOL MODULES
WORKBENCHES
FURNITURE ACCESSORIES
AUXILIARY COMPLEMENTS
FLOORING





**129 POWER TOOLS CORDLESS**

**20V**

SCREWDRIVING
DRILLING
SANDING/POLISHING
SAWING
SPECIAL TOOLS
GARDENING POWER TOOLS
BATTERIES / CHARGERS

**12V**

SCREWDRIVING
DRILLING
SANDING/POLISHING
SAWING
SPECIAL TOOLS
BATTERIES / CHARGERS





**159 LIGHTING**

INSPECTION LAMPS
HEAD TORCHES
LED MAGNIFIYING LAMP
FLOOD LED
BONNET LIGHTING
BEACONS
LED WORK LAMP
SIGNALLING
ACCESSORIES AND SPARE PARTS





**175 PNEUMATIC TOOLS**

SCREWDRIVING
DRILLING
SANDING/POLISHING
CUTTING / SAWING
AIR BLOW GUNS
TYRE MAINTENANCE
OTHER
AIR HOSE REEL
CONNECTOR HOSES
ACCESSORIES AND CONSUMABLES




**199 IMPACT TOOLS**

IMPACT SOCKETS SETS
SPECIAL TOOLS FOR TYRES
ADAPTERS
IMPACT SOCKETS SPARE PARTS
SPECIAL TOOLS FOR TRUCKS




**211 CAR BODY WORK**

SHEET METAL WORK TOOLS
HEADLIGHT RESTORATION
GLASS REPLACEMENT
CHASSIS REPAIR
AUXILIARY FURNITURE
VEHICLE CARE
DETAILING




**231 BRAKES**

RETRACTOR TOOLS
BRAKE BLEEDER
MAINTENANCE



**239 SPECIAL TOOLS**

LUBRICATION SYSTEM
INJECTOR PULLERS
BLOCK/CYLINDER HEAD
CLUTCH
COOLING SYSTEM
A/C SYSTEM
TRANSMISSION
SUSPENSION/STEERING
EXHAUST
ELECTRICAL SYSTEM
THREAD REPAIR
MOTORCYCLE
EXTRACTORS
TORQUE MULTIPLIER SETS




**299 TIMING TOOLS**

FIAT/ALFA ROMEO
BMW/MINI
PSA
FORD
JAGUAR/LAND ROVER
JEEP/CHRYSLER
MERCEDES-BENZ
RENAULT/DACIA/NISSAN
OPEL/VAUXHALL
VAG
VOLVO
OTHERS
ADDITIONAL TOOLS



**335 FUEL/LUBRICATION**

DIESEL FUEL SUPPLY PUMPS
UREA SUPPLY PUMPS
EXTRACTION/FILLING PUMPS
OIL COLLECTORS
OIL COLLECTOR BUCKETS
SUCTION GUNS
OTHERS




**351 HYDRAULIC TOOLS**

TROLLEY JACKS
BOTTLE JACKS
RATCHED JACKS
TELESCOPIC HYDRAULIC JACK
CAR JACK STANDS
OTHERS
MANUAL PALLET JACK
PRESSES
CRANES
LIFTING TABLES
RUBBER TAP FOR CAR LIFT





**367 ELECTRIC TOOLS**

JUMP STARTER
BATTERY MAINTENANCE
MILTIMETERS
VISUAL INSPECTION
WELDING
WORKSHOP EQUIPMENT
AIR CONDITIONING
THERMOMETERS
OTHERS





**385 MOBILITY OF THE FUTURE**

ELECTRIC CAR CHARGING CABLES
ELECTRIC CAR CHARGERS
INSULATED TOOLS





**391 WORKSHOP ACCESSORIES**

HOSE REELS
LADDERS
FOLDABLE TROLLEYS
PLATFORMS
HOISTS





**399 VEHICLE ACCESORIES**

SIGNALLING
EMERGENCY KITS
BULBS
FIRST AID KITS
SAFETY
JOINT BOOT SETS AND CLAMPS
MATS
WIPERS
BIKE
OTHER
PARKING SENSORS
FLEXIBLE TUBES





**415 TYRE ACCESSORIES**

WHEEL WEIGHTS
PUNCTURE REPAIR
TYRE VALVES
REMOVAL AND INSTALLATION




**425 SAFETY AND PPE**

GLOVES/PPE
DISPENSERS
OZONE METER
DELIMITATION




**431 CONSUMABLES**

PINS AND CIRCLIPS
WASHERS
SCREWS NUT WASHERS
CRANKCASE AND ENGINE WASHERS
OTHERS
GASKETS AND O-RINGS
HOSE CONNECTORS
ELECTRICAL
PLASTIC CLIPS AND STAPLES




**453 PROMOTIONAL**

PROMOTIONAL PRODUCTS
DISPLAYS / ACCESSORIES
PACKAGING
WORK CLOTHING




### New Products

Some items in the catalog are highlighted with a pastel green box and have an icon next to the logistical information labeled "NEW". This indicates that they are new products, i.e., additions made this year compared to the previous catalog.




### Discover more with our QR codes

Throughout the catalog, you will find QR codes that will allow you to directly access detailed breakdowns and lists of spare parts for our products. Additionally, some codes will take you to our online video library for an even more complete experience. Expand the information in this catalog by exploring our other communication channels.




# JBM is your brand for professional tools

## Leading company specialised in the industry and automotive sector

**More than 30 years of experience**

At JBM we are specialists in the distribution of automotive tools and equipment, offering a close and quality service to our more than 11,000 customers in more than 68 countries.

**Wide range of products**

We offer a complete range of more than 7,000 items in tool boxes, tool cases, all types of hand tools, tool cabinets, workshop tools, lighting, consumable cases...

**Distribution and logistics experts**

JBM has a constantly improving logistic network that allows a fast and efficient distribution not only in the Iberian Peninsula but also to all international customers.

### Logistical efficiency

We simplify the handling and tracking of shipments.

### Quality control

We closely monitor all production processes.

### In-house order consolidation

We optimise the grouping of shipments to ensure logistical efficiency.

### Deadline tracking

We ensure strict compliance to production schedules.

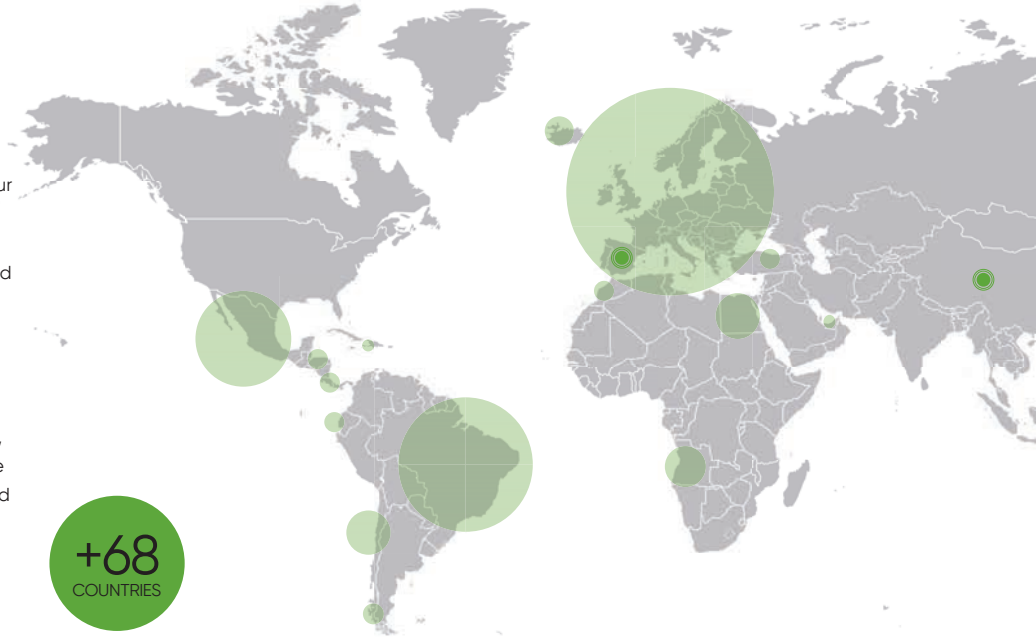
## Geographical presence

### Spain

Our headquarters in Girona, Spain, is the heart of our operations. With more than 6,000m² of warehouse space, we manage product development, logistics and support to our global network, ensuring fast and efficient deliveries.

### China

At our subsidiary Jinhua JBM Tools Co. Ltd. in China, we have a 4,000m² office and warehouse, from here we consolidate orders, monitor quality at source and ensure production lead times to provide an efficient international service.




**+7.000**
Products available

**+25.000**
Europallets in stock

**+550**
New products every year

# TOOL SETS


**8** TOOL SETS

**18** SOCKET SETS

**23** TOOL BOXES / CASES

**28** BIT SETS

**32** MINI RATCHET SET

**33** SET OF ADAPTORS

**33** SOCKETS SETS

**33** BIT SOCKET SETS

**35** INSULATED TOOLS




**54863** 499,00€

15.00 - 1 30

NEW

# TOOL CASE WITH 800NM BATTERY IMPACT WRENCH



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| **1/2"** | x4 | 17, 19, 21, 22mm | |
| **3/8"** | x10 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm | |
| **1/2"** | x7 | 21, 22, 23, 24, 27, 30, 32mm | |
| | x2 | PH2, PH3 | |
| | x2 | PZ2, PZ3 | |
| | x2 | SL5.5, SL6.5 | |
| | x5 | H3, H4, H5, H6, H8 | |
| | x10 | T5, T6, T7, T8, T9, T10, T15, T20, T25, T30 | |
| | x6 | H2, H3, H4, H5, H6, H7 | |
| | x4 | PH1, PH2, PH3, PH4 | |
| | x4 | PZ1, PZ2, PZ3, PZ4 | |
| | x7 | SL3, SL4, SL5, SL5.5, SL6, SL6.5, SL7 | |
| **3/8"** | x7 | E10, E11, E12, E14, E16, E18, E20 | |
| **1/4"** | 13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | |
| **1/4"** | x1 | 145mm | |
| **3/8"** | x1 | 200mm | |
| **1/2"** | x1 | 255mm | |
| | x1 | | |
| | x1 | | |
| | x4 | 1/4"-6mm, H3/8"-M1/4", H3/8"-M 3/8", H1/2"-M3/8" | |

| | | | |
|---|---|---|---|
| | x12 | 6, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19mm | |
| | x7 | T8, T10, T15, T20, T25, T30, T40 | |
| **1/4"** | x4 | 8, 9, 10, 12mm | |
| **3/8"** | x4 | 13, 14, 15, 17mm | |
| **1/4"** | x1 | Universal | |
| **3/8"** | x1 | Universal | |
| **1/2"** | x1 | Universal | |
| **1/2"** | x2 | 16, 21mm | |
| **1/4"** | x1 | 50mm | |
| **3/8"** | x2 | 125, 250mm | |
| **1/2"** | x2 | 75, 150mm | |
| **1/4"** | x1 | | |
| | x1 | PH3x150 | |
| | x1 | SL6.5x150 | |
| | x1 | 60013 (4.0AH) | |
| | x1 | 60066 (20V - 2A) | |
| | x1 | 60046 (1/2" 800NM) | |

## Organize and protect your tools with our cases

**EASY TRANSPORTATION**

Its ergonomic and compact design allows easy transportation anywhere.



**54854** 219,00€

| 9.20 | - | 2 | 48 |
|---|---|---|---|
| kg | sub | 1 | |

NEW

# 232 PIECES HEX SOCKET AND RATCHET SPANNER SET - ZINC FINISH



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| | x14 | E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18, E20, E22, E24 |
| | x2 | 2", 4" |
| | x1 | 110mm |
| | x1 | |
| | x1 | UNIVERSAL |
| | x1 | |
| | x1 | 150mmL |
| | x10 | 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm |
| | x11 | 15, 16, 17, 19, 20, 21, 22, 24, 27, 30, 32mm |
| | x2 | 5", 10" |
| 1/2" | x1 | 38L |
| | x1 | UNIVERSAL |
| | x1 | 3/8" (F) x 1/2" (M) |
| | x1 | |

| | | |
|---|---|---|
| x3 | PH1, PH2, PH3 | |
| x7 | T10, T15, T20, T25, T27, T30, T40 | |
| x3 | PZ1, PZ2, PZ3 | |
| x7 | T10T, T15T, T20T, T25T, T27T, T30T, T40T | |
| x3 | SL4, SL5.5, SL6 | |
| x6 | H2, H3, H4, H5, H5.5, H6 | |
| x1 | ADP. | |
| x10 | PH0 (x5), PH1 (x5) | |
| x10 | PH2 (x5), PH3 (x5) | 6.3mm |
| x10 | PZ0 (x2), PZ1 (x2), PZ2 (x3), PZ3 (x3) | |
| x10 | HT3 (x2), HT4 (x2), HT5 (x3), HT6 (x3) | |
| x10 | T8, T9, T10, T15, T20 (x5), T25 | |
| x8 | T25 (x3), T27 (x3), T30, T40 | |
| x9 | T8T, T9T, T10T, T15T, T20T, T25T, T27T, T30T, T40T | |
| x3 | M5, M6, M8 | |
| x3 | 4, 6, 8mm | |
| x3 | 6, 8, 10 | |
| x3 | 1, 2, 3 | |

| | | |
|---|---|---|
| x6 | PH1, PH2, PH3 (x2), PH4(x2) | |
| x6 | PZ1, PZ2, PZ3(x2), PZ4(x2) | |
| x3 | SL6, SL6.5, SL8 | 8mm |
| x6 | T25T, T27T, T30T, T40T, T45T, T50T | |
| x8 | T25, T27, T30, T35, T40(x2), T45, T50 | |
| x12 | 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm | |
| x2 | 80-115, 120-195mm | |
| x1 | 60mmL | |
| x1 | 1/4" | |
| x8 | 1.5, 2, 2.5, 3, 4, 5, 6, 8mm | |
| x8 | T9, T10, T15, T20, T25, T27, T30, T40 | |

## Organize and protect your tools with our cases

**WATER RESISTANT**

Protects your tools from extreme working or storage conditions.



**54250** 188,00€

| 11.50 | - | 2 | 48 |
|---|---|---|---|

# 216-PIECE TOOL CASE WITH 1/4", 3/8" AND 1/2" 12-POINT SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE



| | | |
|---|---|---|
| **1/2"** | x14 | 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm |
| **3/8"** | x10 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| **1/4"** | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| **1/2"** | x5 | 16, 17, 18, 19, 22mm |
| **3/8"** | x6 | 10, 11, 12, 13, 14, 15mm |
| **1/4"** | x7 | 4, 5, 6, 7, 8, 9, 10mm |
| **1/2"** | x3 | E20, E22, E24 |
| **3/8"** | x6 | E10, E11, E12, E14, E16, E18 |
| **1/4"** | x5 | E4, E5, E6, E7, E8 |
| | x3 | 1/2", 3/8", 1/4" |
| **1/2"** | x2 | 125, 250mm |
| **3/8"** | x1 | 125mm |
| **1/4"** | x2 | 50, 100mm |
| **1/2"** | x1 | 8mm |
| **3/8"** | x1 | 8mm |
| **1/4"** | x1 | 6mm |
| **1/4"** | x1 | 6mm |

| | | |
|---|---|---|
| | x3 | 1/2", 3/8", 1/4" |
| **1/2"** | x1 | converter 3/8" H x 1/2" M |
| **1/2"** | x2 | 16, 21mm |
| **3/8"** | x1 | 18mm |
| **1/2"** | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| **1/2"** | x7 | 1.27, 1.5, 2, 2.5, 3, 4, 5mm |
| **1/4"** | x1 | |
| **1/4"** | x1 | |
| **1/4"** | x1 | |
| **1/2"** | x1 | T70 |
| **1/2"** | x1 | 14mm |
| | x3 | PH0, PH1, PH2 |
| | x3 | PZ0, PZ1, PZ2 |
| **1/4"** | x4 | 3, 4, 5, 6mm |
| | x4 | SL4, SL5.5, SL6.5, SL7 |
| | x8 | T8, T9, T10, T15, T20, T25, T27, T30 |
| | x8 | T8, T9, T10, T15, T20, T25, T27, T30 |

| | | |
|---|---|---|
| **8mm** | x4 | 7, 8, 10, 12mm |
| **6mm** | x6 | 2, 2.5, 3, 4, 5, 6mm |
| **8mm** | x3 | SL8, SL10, SL12 |
| **8mm** | x3 | PH2, PH3, PH4 |
| **8mm** | x3 | PZ2, PZ3, PZ4 |
| **8mm** | x5 | T40, T45, T50, T55, T60 |
| **6mm** | x3 | T5, T6, T7 |
| **8mm** | x5 | T40, T45, T50, T55, T60 |
| **6mm** | x1 | T7 |
| **8mm** | x4 | M10, M11, M12, M13 |
| **6mm** | x5 | M5, M6, M7, M8, M9 |
| **8mm** | x2 | M10, M12 |
| **6mm** | x3 | M5, M6, M8 |
| **8mm** | x1 | TS50 |
| **6mm** | x8 | TS10, TS15, TS20, TS25, TS27, TS30, TS40, TS45 |
| | x4 | 0, 1, 2, 3mm |
| | x3 | 6, 8, 10mm |
| **6mm** | x4 | 4, 6, 8, 10mm |
| | x3 | 1, 2, 3mm |
| | x4 | 1, 2, 3, 4mm |

## 54034 — 178,00€

11.45 | - | 2 | 48

# 216-PIECE TOOL CASE WITH 1/4", 3/8" AND 1/2" HEX SOCKETS – ZINC FINISH



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x14 | 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm |
| 3/8" | x10 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| 1/2" | x5 | 16, 17, 18, 19, 22mm |
| 3/8" | x6 | 10, 11, 12, 13, 14, 15mm |
| 1/4" | x7 | 4, 5, 6, 7, 8, 9, 10mm |
| 1/2" | x3 | E20, E22, E24 |
| 3/8" | x6 | E10, E11, E12, E14, E16, E18 |
| 1/4" | x5 | E4, E5, E6, E7, E8 |
| | x3 | 1/2", 3/8", 1/4" |
| 1/2" | x2 | 125, 250mm |
| 3/8" | x1 | 125mm |
| 1/4" | x2 | 50, 100mm |
| 1/2" | x1 | 8mm |
| 3/8" | x1 | 8mm |
| 1/4" | x1 | 6mm |
| 1/4" | x1 | 6mm |

| | | | |
|---|---|---|---|
| | x3 | 1/2", 3/8", 1/4" |
| 1/2" | x1 | converter 3/8" H x 1/2" M |
| 1/2" | x2 | 16, 21mm |
| 3/8" | x1 | 18mm |
| 1/2" | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| 1/2" | x7 | 1.27, 1.5, 2, 2.5, 3, 4, 5mm |
| 1/4" | x1 | |
| 1/4" | x1 | |
| 1/4" | x1 | |
| 1/2" | x1 | T70 |
| 1/2" | x1 | 14mm |
| | x3 | PH0, PH1, PH2 |
| | x3 | PZ0, PZ1, PZ2 |
| 1/4" | x4 | 3, 4, 5, 6mm |
| | x4 | SL4, SL5.5, SL6.5, SL7 |
| | x8 | T8, T9, T10, T15, T20, T25, T27, T30 |
| | x8 | T8, T9, T10, T15, T20, T25, T27, T30 |

| | | |
|---|---|---|
| 8mm | x4 | 7, 8, 10, 12mm |
| 6mm | x6 | 2, 2.5, 3, 4, 5, 6mm |
| 8mm | x3 | SL8, SL10, SL12 |
| 8mm | x3 | PH2, PH3, PH4 |
| 8mm | x3 | PZ2, PZ3, PZ4 |
| 8mm | x5 | T40, T45, T50, T55, T60 |
| 6mm | x3 | T5, T6, T7 |
| 8mm | x5 | T40, T45, T50, T55, T60 |
| 6mm | x1 | T7 |
| 8mm | x4 | M10, M11, M12, M13 |
| 6mm | x5 | M5, M6, M7, M8, M9 |
| 8mm | x2 | M10, M12 |
| 6mm | x3 | M5, M6, M8 |
| 8mm | x1 | TS50 |
| 6mm | x8 | TS10, TS15, TS20, TS25, TS27, TS30, TS40, TS45 |
| | x4 | 0, 1, 2, 3mm |
| | x3 | 6, 8, 10mm |
| 6mm | x4 | 4, 6, 8, 10mm |
| | x3 | 1, 2, 3mm |
| | x4 | 1, 2, 3, 4mm |

## 54045 — 179,00€

11.45 | - | 2 | 48

# 216-PIECE TOOL CASE WITH 1/4", 3/8" AND 1/2" HEX SOCKETS – CHROME FINISH



SPARE PARTS AVAILABLE



## 54035

149,00€

9.00 | - | 2 | 56

# 179-PIECE TOOL CASE WITH 1/4", 3/8" AND 1/2" HEX SOCKETS – ZINC FINISH



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **1/2"** | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm |
| | **3/8"** | x10 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| | **1/4"** | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| | **1/2"** | x5 | 16, 17, 18, 19, 22mm |
| | **3/8"** | x6 | 10, 11, 12, 13, 14, 15mm |
| | **1/4"** | x7 | 4, 5, 6, 7, 8, 9, 10mm |
| | **1/2"** | x2 | E20, E24 |
| | **3/8"** | x6 | E10, E11, E12, E14, E16, E18 |
| | **1/4"** | x5 | E4, E5, E6, E7, E8 |
| | | x3 | 1/2", 3/8", 1/4" |
| | **1/2"** | x2 | 125, 250mm |
| | **3/8"** | x1 | 125mm |
| | **1/4"** | x2 | 50, 100mm |
| | | x3 | 1/2", 3/8", 1/4" |

| | | | |
|---|---|---|---|
| | **1/2"** | x2 | 16, 21mm |
| | **3/8"** | x1 | 18mm |
| | **1/2"** | x1 | 8mm |
| | **3/8"** | x1 | 8mm |
| | **1/4"** | x1 | 6mm |
| | | x7 | 1.27, 1.5, 2, 2.5, 3, 4, 5mm |
| | | x1 | 1/4" |
| | | x1 | 1/4" |
| **1/4"** | | x3 | PH1, PH2, PH3 |
| | | x3 | PZ1, PZ2, PZ3 |
| | | x5 | 2, 3, 4, 5, 6mm |
| | | x3 | SL4, SL5.5, SL7 |
| | | x8 | T8, T9, T10, T15, T20, T25, T27, T30 |
| | | x8 | T8, T9, T10, T15, T20, T25, T27, T30 |

| | | | |
|---|---|---|---|
| **6mm** | | x11 | T5, T6, T7, T8, T9, T10, T15, T20, T25, T27, T30 |
| | | x9 | T7, T10, T15, T20, T25, T27, T30, T40, T45 |
| | | x5 | M5, M6, M7, M8, M9 |
| | | x3 | M5, M6, M8 |
| **8mm** | | x2 | PH3, PH4 |
| | | x2 | PZ3, PZ4 |
| | | x5 | 7, 8, 10, 12, 14mm |
| | | x3 | SL8, SL10, SL12 |
| | | x6 | T40, T45, T50, T55, T60, T70 |
| | | x6 | T40, T45, T50, T55, T60, T70 |

## 54046

150,00€

9.00 | - | 2 | 56

# 179-PIECE TOOL CASE WITH 1/4", 3/8" AND 1/2" HEX SOCKETS – CHROME FINISH



SPARE PARTS AVAILABLE



## 54036

99,00€

| 7.10 | - | 3 | 108 |
|---|---|---|---|

# 113-PIECE TOOL CASE WITH 1/4" AND 1/2" 12-POINT SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| **1/2"** | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm |
| **1/4"** | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| **1/2"** | x5 | 14, 15, 17, 19, 22mm |
| **1/4"** | x8 | 6, 7, 8, 9, 10, 11, 12, 13mm |
| **1/2"** | x8 | E10, E11, E12, E14, E16, E18, E20, E24 |
| **1/4"** | x5 | E4, E5, E6, E7, E8 |
| | x2 | 1/2", 1/4" |
| **1/2"** | x2 | 125, 250mm |
| **1/4"** | x2 | 50, 100mm |

| | | | |
|---|---|---|---|
| | x2 | 1/2", 1/4" |
| **1/2"** | x1 | converter 3/8" H x 1/2" M |
| **1/2"** | x1 | 8mm |
| **8mm** | x5 | 7, 8, 10, 12, 14mm |
| | x3 | SL8, SL10, SL12 |
| | x2 | PH3, PH4 |
| | x2 | PZ3, PZ4 |
| | x5 | T40, T45, T50, T55, T60 |
| | x5 | 5, 6, 8, 10, 12mm |

| | | | |
|---|---|---|---|
| **1/2"** | x2 | 16, 21mm |
| | x3 | 1.5, 2, 2.5mm |
| | x1 | 1/4" |
| | x1 | 1/4" |
| | x2 | PH1, PH2 |
| | x2 | PZ1, PZ2 |
| **1/4"** | x4 | 3, 4, 5, 6mm |
| | x3 | SL4, SL5.5, SL6.5 |
| | x7 | T8, T10, T15, T20, T25, T27, T30 |

## 54047

100,00€

| 7.10 | - | 3 | 105 |
|---|---|---|---|

# 113-PIECE TOOL CASE WITH 1/4" AND 1/2" 12-POINT SOCKETS – CHROME FINISH



SPARE PARTS AVAILABLE



## 54037 — 88,00€

| 6.58 | - | 3 | 108 |
|---|---|---|---|

## 108-PIECE TOOL CASE WITH 1/4" AND 1/2" HEX SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE



| | | |
|---|---|---|
| **1/2"** | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm |
| **1/4"** | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| **1/2"** | x5 | 14, 15, 17, 19, 22mm |
| **1/4"** | x8 | 6, 7, 8, 9, 10, 11, 12, 13mm |
| **1/2"** | x8 | E10, E11, E12, E14, E16, E18, E20, E24 |
| **1/4"** | x5 | E4, E5, E6, E7, E8 |
| | x2 | 1/2", 1/4" |
| **1/2"** | x2 | 125, 250mm |
| **1/4"** | x2 | 50, 100mm |
| | x2 | 1/2", 1/4" |
| **1/2"** | x1 | converter 3/8" H x 1/2" M |

| | | |
|---|---|---|
| **1/2"** | x2 | 16, 21mm |
| **1/2"** | x1 | 8mm |
| | x3 | 1.5, 2, 2.5mm |
| | x1 | 1/4" |
| | x1 | 1/4" |
| | x2 | PH3, PH4 |
| | x2 | PZ3, PZ4 |
| **8mm** | x5 | 7, 8, 10, 12, 14mm |
| | x3 | SL8, SL10, SL12 |
| | x5 | T40, T45, T50, T55, T60 |

| | | |
|---|---|---|
| | x2 | PH1, PH2 |
| | x2 | PZ1, PZ2 |
| **1/4"** | x4 | 3, 4, 5, 6mm |
| | x3 | SL4, SL5.5, SL6.5 |
| | x7 | T8, T10, T15, T20, T25, T27, T30 |

## 54048 — 89,00€

| 7.10 | - | 3 | 108 |
|---|---|---|---|

## 108-PIECE TOOL CASE WITH 1/4" AND 1/2" HEX SOCKETS – CHROME FINISH



SPARE PARTS AVAILABLE



## 54038 — 88,00€

| 6.50 | - | 3 | 108 |
|---|---|---|---|
| Kg | | | |

## 94-PIECE TOOL CASE WITH 1/4" AND 1/2" HEX SOCKETS – ZINC-PLATED FINISH




SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **1/2"** | x18 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 ,24, 27, 30, 32mm |
| | **1/4"** | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| | **1/2"** | x4 | 14, 15, 17, 19mm |
| | **1/4"** | x8 | 6, 7, 8, 9, 10, 11, 12, 13mm |
| | | x2 | 1/2", 1/4" |
| | **1/2"** | x2 | 125, 250mm |
| | **1/4"** | x2 | 50, 100mm |
| | | x2 | 1/2", 1/4" |
| | **1/2"** | x1 | converter 3/8" H x 1/2" M |

## 54049 — 89,00€

| 6.50 | - | 3 | 108 |
|---|---|---|---|
| Kg | | | |

## 94-PIECE TOOL CASE WITH 1/4" AND 1/2" HEX SOCKETS – CHROME FINISH




SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **1/2"** | x1 | 8mm |
| | | x3 | 1.5, 2, 2.5mm |
| | **1/2"** | x2 | 16, 21mm |
| | | x2 | PH3, PH4 |
| | | x2 | PZ3, PZ4 |
| | **8mm** | x4 | 8, 10, 12, 14mm |
| | | x3 | SL8, SL10, SL12 |
| | | x4 | T40, T45, T50, T55 |
| | **1/4"** | x1 | 8mm |

| | | | |
|---|---|---|---|
| | | x1 | 1/4" |
| | | x1 | 1/4" |
| | | x1 | 1/4" |
| | | x2 | PH1, PH2 |
| | | x2 | PZ1, PZ2 |
| | **1/4"** | x4 | 3, 4, 5, 6mm |
| | | x3 | SL4, SL5.5, SL7 |
| | | x6 | T8, T10, T15, T20, T25, T30 |

**53212** 189,00€

9.45 | - | 2 | 48

# 302-PIECE TOOL CASE WITH 1/2" AND 1/4" HEX SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | x18 | | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm |
| | x2 | | 125, 250mm |
| | x2 | | 16, 21mm |
| 1/2" | x1 | | 8mm |
| | x1 | | converter 3/8" H x 1/2" M |
| | x1 | | UNIVERSAL |
| | x1 | | |
| | x13 | | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| | x2 | | 50, 100mm |
| 1/4" | x1 | | 6,3mm |
| | x1 | | |
| | x1 | | UNIVERSAL |
| | x1 | | |
| | x8 | 8x30 mmL | T25, T27, T30, T35, T40 (x2), T45, T50 |
| | x2 | | PH3, PH4 |
| | x2 | | PZ3, PZ4 |
| | x4 | | H5.5, H6.5, H7, H8 |
| | x4 | | 5.5, 6.5, 7, 8mm |
| | x4 | | 5, 6, 8, 10mm |
| | x9 | | 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm |
| | x9 | | T8, T10, T15, T20, T25, T27, T30, T35, T40 |
| | x9 | | H1.5, H2, H2.5, H3, H.4, H5, H5.5, H6, H8 |
| | x3 | | 5, 6, 8mm |
| | x4 | | 1, 2, 3, 4 |
| | x3 | | 6, 8, 10 |
| | x3 | | C1, C2, C3 |
| | x6 | 6.3x25 mmL | 2, 2.5, 3, 4, 5, 6mm |
| | x4 | | S0, S1, S2, S3 |
| | x6 | | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32 |
| | x4 | | 4, 6, 8, 10mm |
| | x10 | | PH0 (x2), PH1 (x2), PH2 (x4), PH3 (x2) |
| | x10 | | PZ0 (x2), PZ1 (x2), PZ2 (x4), Z3 (x2) |
| | x10 | | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4 |
| | x10 | | T8, T10, T15, T20, T25, T27, T30, T35, T40, T45 |
| | x6 | | 1.5, 2, 2.5, 3, 3.5, 4mm |
| | x4 | | PH000, PH00, PH0, PH1 |
| | x2 | | PZ0, PZ1 |
| | x8 | | T5, T6, T7, T8, T9, T10, T15, T20 |
| | x1 | | |
| | x1 | | |
| | x10 | | |
| | x1 | | |
| | x1 | 3m | |
| | x1 | | |
| | x1 | 8" | |
| | x2 | | 0.4x2.5, 0.5x3.0x50mm |
| | x3 | | PH0x50, PH00x50, PH000x50mm |
| | x2 | | 0.8x4x100, 1.2x6.5x125mm |
| | x2 | | PH1x80, PH2x100mm |
| | x7 | | 1.27, 1.5, 2, 2.5, 3, 4, 5mm |
| | x13 | | 1.5, 2, 2.5, 3, 3.2, 3.5, 4, 4.5, 4.8, 5, 5.5, 6, 6.5mm |
| | x1 | | 300g |
| | x1 | | |
| | x1 | | |
| | x23 | | |
| | x22 | | |
| | x10 | | |
| | x10 | | |

**54082** 194,00€

| 11.00 | - | 2 | 48 |
|---|---|---|---|
| kg | sub | 1 | |

# 132-PIECE TOOL CASE WITH 1/2", 1/4" AND 3/8" HEX SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x7 | 19, 21, 22, 24, 27, 30, 32mm |
| 3/8" | x12 | 8, 9, 10 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| 1/4" | x11 | 4, 5, 5.5, 6, 7, 8, 9, 10 11, 12, 13mm |
| 3/8" | x4 | 13, 14, 15, 17mm |
| 1/4" | x4 | 8, 10, 12, 13mm |
| 3/8" | x6 | E8, E10, E11, E14, E16, E20 |
| 1/2" | x1 | |
| 3/8" | x1 | |
| 1/4" | x1 | |
| 1/2" | x2 | 127, 254mm |
| 3/8" | x2 | 76, 152mm |
| 1/4" | x1 | 50mm |
| | x1 | Ø14mm |
| | x1 | |

| | | | |
|---|---|---|---|
| | x1 | 3/8"(H) - 1/2"(M) |
| | x1 | 3/8"(H) - 1/2"(M) |
| | x1 | 3/8"(H) - 1/4"(M) |
| 1/2" | x1 | |
| 3/8" | x1 | |
| 1/4" | x1 | |
| 1/2" | x3 | 17, 19, 21mm |
| 1/4" | x1 | 6mm |
| | x1 | |
| | x1 | PH2x100 |
| | x1 | SL6x100 |
| | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| | x1 | |
| 1/2" | x1 | H17 |
| | x1 | |

| | | | |
|---|---|---|---|
| 1/2" | x1 | 21mm |
| 3/8" | x2 | 16, 18mm |
| 1/2" | x1 | T52 |
| 1/2" | x1 | M16 |
| | x2 | 5.5, 6.5mm |
| | x2 | PH1, PH3 |
| 3/8" | x2 | PZ1, PZ3 |
| | x4 | 4, 5, 6, 8mm |
| | x6 | T20, T30, T40, T45, T50, T55 |
| | x3 | 4, 5, 6.5mm |
| | x3 | PH1, PH2, PH3 |
| 6mm | x3 | PZ1, PZ2, PZ3 |
| | x4 | 3, 4, 5, 6 |
| | x7 | T10, T15, T20, T25, T27, T30, T40 |
| | x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm |

## 53074 — 84,00€

5.09 | - | 3 | 108

# 74-PIECE TOOL CASE WITH 1/2" AND 1/4" 12-POINT SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| 1/2" | x18 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm | | |
| 1/4" | x10 | 4, 5, 5.5, 6, 7, 8, 10, 11, 12, 13mm | | |
| 1/2" | x1 | | | |
| 1/4" | x1 | | | |
| 1/2" | x2 | 125, 250mm | | |
| 1/4" | x1 | 100mm | | |
| 6mm | x5 | PH0, PH1, PH2, PH3, PH4 | | |
| | x5 | PZ0, PZ1, PZ2, PZ3, PZ4 | | |
| | x6 | 3, 4, 5, 6, 8, 10mm | | |
| | x5 | SL3, SL4, SL5.5, SL6, SL7 | | |
| | x8 | T8, T10, T15, T20, T25, T27, T30, T40 | | |
| | x4 | 4, 5, 6, 7mm | | |
| 1/4" | x1 | 6mm | 1/2" | x1 |
| 1/4" | x1 | | 1/2" | x1 |
| | x3 | 1.5, 2, 2.5mm | 1/2" | x1 21mm |

## 54140 — 38,00€

1.28 | - | 10 | 320

# 56-PIECE TOOL CASE WITH 1/4" 12-POINT SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | |
| 1/4" | x1 | | |
| 1/4" | x2 | 50, 100mm | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| CR-V 25 L | x4 | SL4, SL5, SL6, SL7 | |
| | x3 | M5, M6, M8 | |
| | x8 | T8, T10, T15, T20, T25, T27, T30, T40 | |
| | x8 | T8, T10, T15, T20, T25, T27, T30, T40 | |
| | x3 | PH0, PH1, PH2 | |
| | x3 | PZ0, PZ1, PZ2 | |
| | x6 | 3, 4, 5, 6, 7, 8mm | |

## 54108 — 69,00€

3.95 | - | 4 | 132

# 22-PIECE TOOL CASE WITH 1/2" HEX SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm | |
| | x1 | 1/2" | |
| 1/2" | x2 | 125, 250mm | |
| | x1 | 1/2" | |
| | x1 | 3/8"(H) - 1/2"(M) | |

## 54116 — 69,00€

3.95 | - | 4 | 120

# 22-PIECE TOOL CASE WITH 1/2" 12-POINT SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm | |
| | x1 | 1/2" | |
| 1/2" | x2 | 125, 250mm | |
| | x1 | 1/2" | |
| | x1 | 3/8"(H) - 1/2"(M) | |

## 54106 — 89,00€

4.70 | - | 3 | 108

### 37 PIECES INCH TOOL CASE - ZINC FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x17 | 5/16", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4" |
| 1/2" | x1 | |
| 1/2" | x1 | 10" (250mm) |
| 1/2" | x1 | 5" (125mm) |
| 1/2" | x2 | 13/16", 5/8" |
| 1/2" | x1 | UNIVERSAL |
| 1/4" | x8 | 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" |
| 1/4" | x1 | |
| 1/4" | x1 | 3" (75mm) |
| 1/4" | x1 | 4,5" (115mm) |
| 1/4" | x1 | 6" (150mm) |
| 1/4" | x1 | UNIVERSAL |

## 54258 — 58,00€

3.90 | - | 4 | 72

### 77-PIECE TOOL CASE – ZINC-PLATED FINISH



| | | | | | |
|---|---|---|---|---|---|
| | x5 | PH0, PH1, PH2, PH2, PH3 | | x1 |
| | x5 | PZ0, PZ1, PZ2, PZ2, PZ3 | | x1 |
| | x5 | SL3, SL4, SL5, SL5.5, SL6mm | | x1 |
| | x5 | T10, T15, T20, T25, T30 | | x1 |
| | x4 | 6x7, 8x9, 10x11, 12x13mm | | x1 |
| | x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | | x1 |
| | x3 | PH2x100, PH00x50, PH000x50 | | x1 |
| | x3 | SL6x100, SL2.5x50, SL3.0x50 | | x10 |
| | x1 | | | x10 |
| | x10 | | | |

## 51818 — 109,00€

7.15 | - | 2 | 56

### 72-PIECE TOOL CASE WITH 1/4" AND 1/2" HEX SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 1/2" | x13 | 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32mm |
| 1/4" | x10 | 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm |
| 1/4" | x5 | 5, 6, 7, 8, 9mm |
| | x1 | 1/2" |
| | x1 | 1/4" |
| 1/2" | x1 | 125mm |
| 1/4" | x1 | 75mm |
| | x2 | 1/2", 1/4" |
| 1/2" | x2 | 16, 21mm |
| 1/4" | x1 | 6mm |
| | x8 | 10, 11, 12, 13, 14, 15, 17, 19mm |
| | x3 | 1.5, 2, 2.5mm |
| | x1 | 1/4" |
| | x2 | PH2x100, PH1x40mm |
| | x3 | 8x200, 6x100, 6x40mm |
| | x1 | |

| | | | |
|---|---|---|---|
| | x1 | 300gr |
| | x1 | |
| | x1 | |
| | x4 | SL3, SL4, SL5, SL6 |
| 6mm | x3 | PH1, PH2, PH3 |
| | x7 | T10, T15, T20, T25, T27, T30, T40 |

## 54277 — 58,00€

| 2.55 | - | 10 | 240 |
|---|---|---|---|
| Kg. | pcs. | | |

# 59 PIECES TOOL CASE WITH 3/8" HEX SOCKETS - ZINC FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 3/8" | x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm | |
| 3/8" | x1 | (72) | |
| 3/8" | x2 | 75, 150mm | |
| 3/8" | x1 | 8mm | |
| 3/8" | x1 | 8mm | |
| 3/8" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x2 | PH1, PH2 | |
| 1/4" | x2 | PZ1, PZ2 | |
| 1/4" | x4 | 3, 4, 5, 6mm | |
| 1/4" | x3 | SL4, SL5.5, SL6.5 | |
| 1/4" | x7 | T8, T10, T15, T20, T25, T27, T30 | |
| 8mm | x2 | PH3, PH4 | |
| 8mm | x2 | PZ3, PZ4 | |
| 8mm | x5 | 7, 8, 10, 12, 14mm | |
| 8mm | x3 | SL8, SL10, SL12 | |
| 8mm | x5 | T40, T45, T50, T55, T60 | |

## 54168 — 49,00€

| 2.60 | - | 10 | 240 |
|---|---|---|---|
| Kg. | pcs. | | |

# 59-PIECE TOOL SET WITH 3/8" 12-POINT SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 3/8" | x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm | |
| 3/8" | x1 | (72) | |
| 3/8" | x2 | 75, 150mm | |
| 3/8" | x1 | 8mm | |
| 3/8" | x1 | 8mm | |
| 3/8" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x2 | PH1, PH2 | |
| 1/4" | x2 | PZ1, PZ2 | |
| 1/4" | x4 | 3, 4, 5, 6mm | |
| 1/4" | x3 | SL4, SL5.5, SL6.5 | |
| 1/4" | x7 | T8, T10, T15, T20, T25, T27, T30 | |
| 8mm | x2 | PH3, PH4 | |
| 8mm | x2 | PZ3, PZ4 | |
| 8mm | x5 | 7, 8, 10, 12, 14mm | |
| 8mm | x3 | SL8, SL10, SL12 | |
| 8mm | x5 | T40, T45, T50, T55, T60 | |

## 54109 — 34,00€

| 1.40 | - | 10 | 320 |
|---|---|---|---|
| Kg. | pcs. | | |

# 46-PIECE TOOL SET WITH 1/4" HEX SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | |
| 1/4" | x1 | | |
| 1/4" | x1 | (72) | |
| 1/4" | x1 | | |
| 1/4" | x2 | 50, 100mm | |
| 1/4" | x1 | | |
| | x1 | UNIVERSAL | |
| | x4 | 1.27, 1.5, 2.0, 2.5mm | |
| | x1 | | |
| 1/4" | x3 | SL4, SL5.5, SL7 | |
| 1/4" | x3 | PH1, PH2, PH3 | |
| 1/4" | x3 | PZ1, PZ2, PZ3 | |
| 1/4" | x6 | H3, H4, H5, H6, H7, H8 | |
| 1/4" | x6 | T10, T15, T20, T25, T30, T40 | |

## 54105 — 33,00€

| 1.25 | - | 10 | 360 |
|---|---|---|---|
| Kg. | pcs. | | |

# 56-PIECE TOOL SET WITH 1/4" HEX SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | |
| 1/4" | x1 | (72) | |
| 1/4" | x2 | 50, 100mm | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 6mm | x4 | SL4, SL5, SL6, SL7 | |
| 6mm | x3 | M5, M6, M8 | |
| 6mm | x8 | T8, T10, T15, T20, T25, T27, T30, T40 | |
| 6mm | x8 | T8, T10, T15, T20, T25, T27, T30, T40 | |
| 6mm | x3 | PH0, PH1, PH2 | |
| 6mm | x3 | PZ0, PZ1, PZ2 | |
| 6mm | x6 | 3, 4, 5, 6, 7, 8mm | |

## 54090

56,00€

2.00 | - | 10 | 240

# 14-PIECE GO-THROUGH TOOL SET WITH 1/2" SOCKETS – ZINC-PLATED FINISH

| | | |
|---|---|---|
| x11 | 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27mm |
| x1 | 75mm |
| x1 | 1/2" |
| x1 | 255mm |





SPARE PARTS AVAILABLE

VIDEO TUTORIAL

**CASES DESIGNED TO MAKE TIGHTENING AND LOOSENING JOBS EASIER**

The feature of the 'GO-THROUGH' system is its pass-through design, which means it allows working with protruding screws or bolts—something traditional tools cannot do due to the depth limitation of the socket.



## 53108

92,00€

4.83 | - | 3 | 90

# 60-PIECE TOOL CASE WITH 1/2" AND 1/4" SPLINE SOCKETS – CHROME FINISH



SPARE PARTS AVAILABLE

| | | |
|---|---|---|
| **1/2"** x11 | 14, 15, 16, 17, 18, 19, 22, 24, 27, 30, 32mm |
| **1/4"** x12 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm |
| x2 | 1/2", 1/4" |
| **1/2"** x2 | 5", 10" |
| **1/4"** x2 | 2", 4" |
| x2 | 1/2", 1/4" |

| | | |
|---|---|---|
| **1/2"** x2 | 16, 21mm |
| x1 | 25mm |
| x3 | 1.5, 2, 2.5mm |
| x1 | 1/4" |
| x1 | 1/4" |
| x1 | AD |

| | | |
|---|---|---|
| x3 | PH1, PH2, PH3 |
| x3 | PZ1, PZ2, PZ3 |
| **25mm** x5 | 3, 4, 5, 6, 8mm |
| x3 | SL4, SL5.5, SL7 |
| x5 | T10, T15, T20, T25, T30 |
| x1 | |

## 53953

29,00€

| 1.50 | - | 10 | 320 |
|---|---|---|---|
| Kg | SUP | 1 | |

# 130-PIECE TOOL SET WITH 1/4" SOCKETS AND BITS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | | | | | | |
| 1/4" | x1 | 6mm | | 1/4" | x1 | | | |
| 1/4" | x1 | | | 1/4" | x1 | 50mm | | |
| 1/4" | x1 | | | 1/4" | x1 | | | |
| 1/4" | x7 | 1.27, 1.5, 2, 2.5, 3, 4, 5mm | | | | | | |

| | | | |
|---|---|---|---|
| 25mm | x10 | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4 | |
| | x9 | 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm | |
| 25mm | x6 | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32 | |
| | x6 | 2, 2.5, 3, 4, 5, 6mm | |
| 25mm | x9 | 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm | |
| 50mm | x2 | 4, 6mm | |
| 25mm | x10 | PH0(x2), PH1(x2), PH2(x4), PH3(x2) | |
| 50mm | x2 | PH1, PH2 | |
| 25mm | x10 | PZ0(x2), PZ1(x2), PZ2(x4), PZ3(x2) | |
| 25mm | x10 | T8, T10, T15, T20, T25, T27, T30, T35, T40, T45 | |
| 25mm | x9 | T8, T10, T15, T20, T25, T27, T30, T35, T40 | |
| 25mm | x3 | M5, M6, M8 | |
| 25mm | x3 | 6, 8, 10mm | |
| 25mm | x3 | C1, C2, C3 | |
| 25mm | x4 | 1, 2, 3, 4mm | |
| 25mm | x4 | 4, 6, 8, 10mm | |
| 25mm | x4 | 0, 1, 2, 3mm | |

## 53727

198,00€

| 14.65 | - | 1 | 48 |
|---|---|---|---|
| Kg | SUP | 1 | |

# 21-PIECE TOOL CASE WITH 3/4" HEX SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 3/4" | x16 | 19, 21, 22, 23, 24, 26, 27, 29, 30, 32, 35, 36, 38, 41, 46, 50mm | |
| | x1 | 495mm | |
| | x3 | 100, 200, 400mm | |
| | x1 | 445mm | |

## 53728

198,00€

| 14.30 | - | 1 | 50 |
|---|---|---|---|
| Kg | SUP | 1 | |

# 21-PIECE TOOL CASE WITH 3/4" 12-POINT SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 3/4" | x16 | 19, 21, 22, 23, 24, 26, 27, 29, 30, 32, 35, 36, 38, 41, 46, 50mm | |
| | x1 | 495mm | |
| | x3 | 100, 200, 400mm | |
| | x1 | 445mm | |

## 51616 — 378,00€

34.60 | - | 1 | 24

# 21-PIECE METAL CASE WITH 1" HEX SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| | **1"** | x17 | 36, 38, 41, 46, 50, 54, 55, 58, 60, 63, 65, 67, 70, 71, 75, 77, 80mm |
| 24 | **1"** | x1 | 650mm |
| | **1"** | x2 | 205, 410mm |
| | **1"** | x1 | |

## 51855 — 378,00€

33.70 | - | 1 | 24

# 21-PIECE METAL CASE WITH 1" 12-POINT SOCKETS – ZINC-PLATED FINISH



SPARE PARTS AVAILABLE

## 53565 — 258,00€

16.50 | - | 1 | 24

# 63-PIECE METAL TOOL BOX – ZINC-PLATED FINISH





SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| | **1/2"** | x18 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm |
| 72 | | x1 | 1/2" |
| | | x1 | 1/2" |
| | **1/2"** | x3 | 76, 127, 254mm |
| | **1/2"** | x1 | 255mm |
| | **1/2"** | x1 | 21mm |
| | | x1 | 457mm |
| | | x18 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm |

| | | | |
|---|---|---|---|
| | | x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm |
| | | x3 | PH1x100, PH2x150, H3x200mm |
| | | x3 | SL5x100, SL6x150, SL8x200mm |
| | | x1 | 250mm |
| | | x1 | 200mm |
| | | x1 | 180mm |
| | | x1 | 180mm |

**54261** 321,00€

| 21.35 | - | 1 | 16 |
|---|---|---|---|
| Kg | | | |

# 143-PIECE METAL TOOL BOX – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE












| | | |
|---|---|---|
| x13 | | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| x6 | | 8, 10, 11, 12, 13, 14mm |
| x7 | | E4, E5, E6, E7, E8, E10, E11 |
| x2 | | 2", 4" |
| x1 | | 110mmL |
| x1 | 1/4" | |
| x1 | | 150mmL |
| x3 | | PH1, PH2, PH3 |
| x3 | | SL4, SL5.5, SL6.5 |
| x6 | | TT10, TT15, TT20, TT25, TT30, TT40 |
| x6 | | H3, H4, H5, H6, H7, H8 |
| x1 | | |
| x1 | | 250mm |

| | | |
|---|---|---|
| x20 | | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm |
| x2 | | 5", 10" |
| x2 | 1/2" | 16, 21mm |
| x1 | | UNIVERSAL |
| x1 | | 3/8"(F) - 1/2"(M) |
| x2 | 1/2" 1/4" | 72 |
| x12 | | 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22mm |
| x8 | | 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22mm |
| x1 | | 7" - 180mm |
| x1 | | 8" - 200mm |
| x4 | | SL5×75, SL6×100, SL8×150, SL10×200mmL |
| x3 | | PH1×80, PH2×100, PH3×150mmL |

| | |
|---|---|
| x4 | PH1, PH2(×2), PH3 |
| x4 | PZ1, PZ2(×2), PZ3 |
| x4 | SL3, SL4, SL5, SL6 |
| x4 | H3, H4, H5, H6 |
| x7 | T10, T15, T20, T25, T27, T30, T40 |
| x7 | TT10, TT15, TT20, TT25, TT27, TT30, TT40 |
| x1 | 1/4" |
| x1 | 6.35mm×60mmL |
| x1 | 1/4" - 6.35mm |
| x1 | 7" - 180mm |
| x1 | 10" - 250mm |



**53159** 289,00€

| 13.30 | - | 1 | 24 |
|---|---|---|---|
| kg | sub | 1 | |

# 159-PIECE ALUMINUM TOOL CASE WITH 1/4" AND 1/2" SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE





| | | | |
|---|---|---|---|
| **1/2"** | x14 | 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm | |
| **1/4"** | x10 | 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm | |
| | x2 | 1/4", 1/2" | |
| **1/2"** | x2 | 50, 100mm | |
| **1/4"** | x2 | 125, 250mm | |
| **1/4"** | x1 | 150mm | |
| | x2 | 1/4", 1/2" | |
| **1/2"** | x1 | | |
| | x2 | 1/4", 1/2" | |
| **1/4"** | x1 | 250mm | |
| **1/4"** | x1 | 110mm | |
| **1/2"** | x2 | 16, 21mm | |
| | x9 | 8, 10, 11, 12, 13, 15, 17, 19, 22mm | |
| | x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | |
| | x1 | 100-250V | |
| | x1 | | |
| | x2 | PH1×80, PH2×10mm | |
| | x4 | SL3×75, SL4×100, SL6.5×125, SL8×150mm | |
| | x1 | PH00×50mm | |
| | x1 | SL2.5×50mm | |
| | x1 | 250mm | x1 200mm |
| | x1 | 160mm | x1 180mm |
| | x1 | 180mm | x1 220mm |
| | x1 | 160mm | x1 160mm |
| | x1 | | x5 |
| | x6 | 1,5mm | x1 18mm |
| | x1 | | x10 |
| | x1 | 300gr | x40 6.35mm |
| | x1 | 3m | x15 8mm |
| | x1 | 200mm | x1 1/4" |











**53928** 298,00€

| 13.50 | - | 1 | 32 |
|---|---|---|---|
| Kg | | | |

# 135-PIECE ALUMINUM TOOL CASE WITH 1/4" AND 1/2" SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE





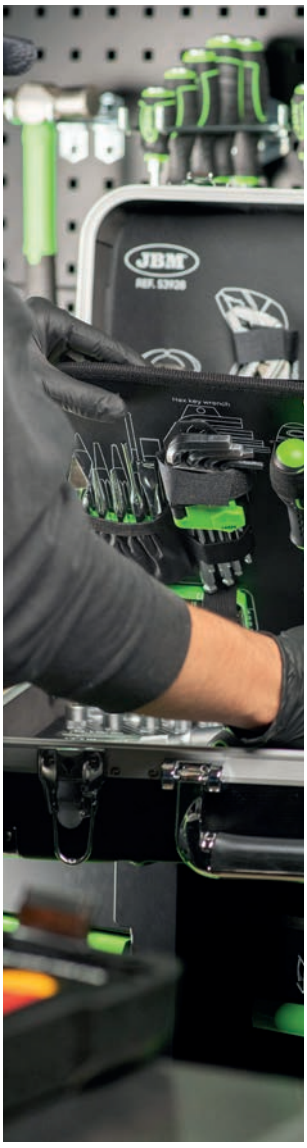
| | | | | | |
|---|---|---|---|---|---|
| | x10 | 10, 11, 12, 13, 14, 15, 17, 19, 22, 24mm | | x1 | 180mm |
| | x2 | 16, 21mm | | x1 | 200mm |
| 1/2" | x1 | UNIVERSAL | | x1 | 160mm |
| | x2 | 125, 250mm | | x1 | 200mm |
| | x1 | 3/8", 1/2" | | x1 | 18mm |
| | x1 | 72 | | x1 | 5m |
| | x9 | 4, 5, 6, 7, 8, 9, 10, 11, 12mm | | x1 | 300g |
| | x1 | UNIVERSAL | | x1 | 6mm |
| 1/4" | x1 | 72 | | x1 | 6mmL |
| | x2 | 50, 100mm | | x1 | 150mm |
| | x1 | | | x1 | |
| | x1 | 6mm | | x1 | |
| | x9 | 8, 10, 11, 12, 13, 14, 17, 19, 22mm | | x1 | |
| | x4 | PH1, PH2, PH2, PH3 | | x1 | |
| | x4 | PZ1, PZ2, PZ2, PZ3 | | x1 | |
| | x4 | SL3, SL4, SL5, SL6 | | x1 | |
| | x4 | H3, H4, H5, H6 | | x1 | |
| | x7 | T10, T15, T20, T25, T27, T30, T40 | | x1 | |
| | x7 | TT10, TT15, TT20, TT25, TT27, TT30, TT40 | | x1 | |
| | x3 | SL1.5, SL2, SL3 | | x3 | |
| | x4 | PH000, PH00, PH0, PH1 | | x5 | |
| | x8 | T4, T5, T6, T7, T8, T10, T15, T20 | | | |
| | x4 | TS0.8, TS1.2, TS1.5, TS2.0 | | | |
| | x1 | H2.0 | | | |
| | x9 | 1.5, 2, 2.5 ,3, 4, 5, 6, 8, 10mm | | | |
| | x2 | PH1×80, PH2×100mm | | | |
| | x4 | SL3.0x75, SL4.0x100, SL6.5x125, SL8x150mm | | | |
| | x1 | 250mm | | | |
| | x1 | 180mm | | | |











**53444** 198,00€

| 8.20 | - | 1 | 33 |
|---|---|---|---|
| kg | sub | 1 | |

# 109-PIECE ALUMINUM TOOL CASE WITH 1/4" AND 1/2" SOCKETS – ZINC-PLATED FINISH

SPARE PARTS AVAILABLE







| | | | |
|---|---|---|---|
| | | x9 | 10, 11, 12, 13, 14, 15, 17, 18, 19mm |
| | | x2 | 75, 150mm |
| | 1/2" | x1 | 16mm |
| | | x1 | 72 |
| | | x1 | |
| | | x8 | 4, 4.5, 5, 5.5, 6, 7, 8, 9mm |
| | 1/4" | x1 | 150mmL |
| | | x1 | 6mm |
| | | x2 | PH1x80, PH2x100mm |
| | | x4 | SL3x75, SL4x100, SL6.5x125, SL8x150mm |
| | | x1 | PH00x50mm |
| | | x1 | SL2.5x50mm |
| | | x1 | |
| | | x8 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm |
| | | x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm |
| | | x1 | |
| | | x6 | |
| | | x1 | 200mm |
| | | x1 | 18mm |
| | | x10 | |
| | | x1 | 220mm |
| | | x1 | 180mm |
| | | x1 | 160mm |
| | | x1 | 250mm |
| | | x1 | 160mm |
| | | x32 | |
| | | x1 | |
| | | x1 | 300g |
| | | x1 | 3m |













## 52603 — 79,00€

4.07 | - | 4 | 132

### 26-PIECE TOOL CASE WITH 1/2" 12-POINT BITS



SPARE PARTS AVAILABLE

| | | |
|---|---|---|
| 1/2" | x8 (55mmL) | M5, M6, M8, M9, M10, M12, M14, M16 |
| | x7 (100mmL) | M5, M6, M8, M9, M10, M12, M14 |
| | x7 (140mmL) | M5, M6, M8, M9, M10, M12, M14 |
| | x4 (200mmL) | M8, M10, M12, M14 |

## 52604 — 79,00€

4.62 | - | 4 | 96

### 30-PIECE TOOL CASE WITH 1/2" HEX BITS



SPARE PARTS AVAILABLE

| | | |
|---|---|---|
| 1/2" | x9 (55mmL) | 5, 6, 7, 8, 10, 12, 14, 17, 19mm |
| | x8 (100mmL) | 5, 6, 7, 8, 10, 11, 12, 13mm |
| | x7 (140mmL) | 5, 6, 7, 8, 10, 12, 14mm |
| | x6 (200mmL) | 5, 6, 7, 8, 10, 12mm |

## 52605 — 79,00€

4.60 | - | 4 | 96

### 32-PIECE TOOL CASE WITH TORX BITS



SPARE PARTS AVAILABLE

| | | |
|---|---|---|
| 1/2" | x10 (55mmL) | T20, T25, T27, T30, T40, T45, T50, T55, T60, T70 |
| | x10 (100mmL) | T20, T25, T27, T30, T40, T45, T50, T55, T60, T70 |
| | x6 (140mmL) | T40, T45, T50, T55, T60, T70 |
| | x6 (200mmL) | T40, T45, T50, T55, T60, T70 |

## 52606 — 88,00€

5.05 | - | 4 | 128

### 32-PIECE BIT SET WITH 1/2" RIBE BITS



SPARE PARTS AVAILABLE

| | | |
|---|---|---|
| 1/2" | x9 (55mmL) | M5, M6, M7, M8, M9, M10, M12, M13, M14 |
| | x9 (100mmL) | M5, M6, M7, M8, M9, M10, M12, M13, M14 |
| | x7 (140mmL) | M7, M8, M9, M10, M12, M13, M14 |
| | x7 (200mmL) | M7, M8, M9, M10, M12, M13, M14 |

## 54266 — 39,50€

| 1.85 | - | 10 | 360 |
|---|---|---|---|
| Kg | SUB | 1 | |

### 19-PIECE SET OF 1/2" TORX SOCKETS AND BITS



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 1/2" | x9 | E10, E11, E12, E14, E16, E18, E20, E22, E24 |
| | x10 | T20, T25, T27, T30, T40, T45, T50, T55, T60, T70 |

## 54164 — 34,00€

| 1.75 | - | 10 | 320 |
|---|---|---|---|
| Kg | SUB | 1 | |

### 12-PIECE SET OF 1/2" 12-POINT BITS



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 1/2" | x6 | 55mmL | M4, M5, M6, M7, M8, M9 |
| | x6 | 70mmL | M10, M12, M14, M16, M18, M20 |

## 54154 — 37,50€

| 1.85 | - | 10 | 320 |
|---|---|---|---|
| Kg | SUB | 1 | |

### 12-PIECE SET OF 1/2" TORX BITS



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 1/2" | x6 | 55mmL | T20, T25, T30, T40, T45, T50 |
| | x6 | 70mmL | T55, 60, T70, T80, T90, T100 |

## 51260 — 37,00€

| 1.92 | - | 10 | 320 |
|---|---|---|---|
| Kg | SUB | 1 | |

### 12-PIECE SET OF 1/2" HEX BITS



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| | x6 | 55mmL | H5, H6, H7, H8, H10, H12 |
| 1/2" | x1 | 65mmL | H14 |
| | x5 | 70mmL | H16, H17, H18, H19, H22 |

## 54539

129,00€

4.40 | - | 3 | 90

## 77-PIECE TOOL CASE WITH TORX/TORX PLUS SOCKETS AND BITS

| | | | |
|---|---|---|---|
| 1/4" | x5 | E4, E5, E6, E7, E8 |
| 3/8" | x4 | E10, E12, E14, E16 |
| 1/2" | x4 | E18, E20, E22, E24 |
| 1/4" | x5 | EPL4, EPL5, EPL6, EPL7, EPL8 |
| 3/8" | x4 | EPL10, EPL12, EPL14, EPL16 |
| 1/2" | x4 | EPL18, EPL20, EPL22, EPL24 |
| 1/4" | x8 | T6, T8, T10, T15, T20, T25, T27, T30 |
| 3/8" | x5 | T40, T45, T47, T50, T55 |
| 1/2" | x2 | T60, T70 |
| 1/4" | x7 | TB8, TB10, TB15, TB20, TB25, TB27, TB30 |
| 3/8" | x4 | TB40, TB45, T50, T55 |
| 1/2" | x1 | TB60 |
| 1/4" | x7 | IP8, IP10, IP15, IP20, IP25, IP27, IP30 |
| 3/8" | x3 | IP40, IP45, IP50 |
| 1/2" | x2 | IP55, IP60 |
| 1/4" | x7 | IPR8, IPR10, IPR15, IPR20, IPR25, IPR27, IPR30 |
| 3/8" | x3 | IPR40, IPR45, IPR50 |
| 1/2" | x2 | IPR55, IPR60 |



SPARE PARTS AVAILABLE

## 54141

44,00€

2.15 | - | 10 | 180

## 28-PIECE SET OF SHORT AND LONG TORX SOCKETS 1/2", 1/4" AND 3/8" – ZINC-PLATED FINISH

| | | | |
|---|---|---|---|
| 1/4" | x5 (25mm) | E4, E5, E6, E7, E8 |
| 3/8" | x5 (28mm) | E10, E11, E12, E14, E16 |
| 1/2" | x4 (38mm) | E18, E20, E22, E24 |
| 1/4" | x5 (50mm) | E4, E5, E6, E7, E8 |
| 3/8" | x5 (63mm) | E10, E11, E12, E14, E16 |
| 1/2" | x4 (76mm) | E18, E20, E22, E24 |



SPARE PARTS AVAILABLE

## 53915

69,00€

2.10 | - | 10 | 240

## 6-PIECE SET OF EXTRA LONG TORX E-TYPE SOCKETS 1/2" – ZINC-PLATED FINISH

| | | | | |
|---|---|---|---|---|
| 1/2" | x6 | 140mm | E10, E12, E14, E16, E18, E20 |

**E12** Socket for BMW cylinder head:

- M42 engine, 1.8L, 4 cylinders, 16V, model 318 is from 1989
- M50 engine, 2.0L, 2.5L, 6 cylinders, 24V, model 520i, 525i from 1991



## 50983 — 48,00€

| 1.77 | - | 5 | 220 |
|---|---|---|---|

### 42-PIECE TOOL CASE WITH 1/2" AND 3/8" HEX, 12-POINT, AND TORX BITS



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **3/8"** | x1 | 10mm |
| | **1/2"** | x1 | 10mm |
| | **30mm** | x7 | 4, 5, 6, 7, 8, 10, 12mm |
| | **75mm** | x7 | 4, 5, 6, 7, 8, 10, 12mm |
| | **30mm** | x8 | T20, T25, T30, T40, T45, T50, T55, T60 |
| | **75mm** | x8 | T20, T25, T30, T40, T45, T50, T55, T60 |
| | **30mm** | x5 | M5, M6, M8, M10, M12 |
| | **75mm** | x5 | M5, M6, M8, M10, M12 |

## 50985 — 59,00€

| 1.74 | - | 5 | 220 |
|---|---|---|---|

### 42-PIECE TOOL CASE WITH 1/2" AND 3/8" HEX, 12-POINT, AND TAMPER-PROOF TORX BITS



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **3/8"** | x1 | 10mm |
| | **1/2"** | x1 | 10mm |
| | **30mm** | x7 | 4, 5, 6, 7, 8, 10, 12mm |
| | **75mm** | x7 | 4, 5, 6, 7, 8, 10, 12mm |
| | **30mm** | x8 | T20, T25, T30, T40, T45, T50, T55, T60 |
| | **75mm** | x8 | T20, T25, T30, T40, T45, T50, T55, T60 |
| | **30mm** | x5 | M5, M6, M8, M10, M12 |
| | **75mm** | x5 | M5, M6, M8, M10, M12 |

## 52550 — 98,00€

| 3.61 | - | 4 | 96 |
|---|---|---|---|

### 75-PIECE TOOL CASE WITH 1/2" AND 3/8" HEX, XZN, RIBE, TORX, AND TAMPER-PROOF TORX BITS



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **3/8"** | x1 | 10mm |
| | **1/2"** | x2 | 10mm |
| | **30mm** | x7 | 4, 5, 6, 7, 8, 10, 12mm |
| | **75mm** | x7 | 4, 5, 6, 7, 8, 10, 12mm |
| | **30mm** | x8 | T20, T25, T30, T40, T45, T50, T55, T60 |
| | **75mm** | x8 | T20, T25, T30, T40, T45, T50, T55, T60 |
| | **30mm** | x5 | M5, M6, M8, M10, M12 |
| | **75mm** | x5 | M5, M6, M8, M10, M12 |
| | **30mm** | x8 | R5, R6, R7, R8, R9, R10, R12, R14 |
| | **75mm** | x8 | R5, R6, R7, R8, R9, R10, R12, R14 |
| | **30mm** | x8 | TT20, TT25, TT30, TT40, TT45, TT50, TT55, TT60 |
| | **75mm** | x8 | TT20, TT25, TT30, TT40, TT45, TT50, TT55, TT60 |

## 52753 — 107,00€

| 2.96 | - | 4 | 128 |
|---|---|---|---|

### 55-PIECE TOOL CASE WITH 1/2" AND 3/8" HEX, 12-POINT, AND TORX BITS AND ADAPTERS



SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **3/8"** | x1 | 10mm |
| | **1/2"** | x2 | 10, 14mm |
| | **30mm** | x9 | 4, 5, 6, 7, 8, 10, 12, 14, 16mm - ISO 2136 |
| | **75mm** | x9 | 4, 5, 6, 7, 8, 10, 12, 14, 16mm - ISO 2136 |
| | **30mm** | x10 | T20, T25, T30, T40, T45, T50, T55, T60, T70, T80 - DIN 2325 |
| | **75mm** | x10 | T20, T25, T30, T40, T45, T50, T55, T60, T70, T80 - DIN 2325 |
| | **30mm** | x7 | M5, M6, M8, M10, M12, M14, M16 - DIN 2325 |
| | **75mm** | x7 | M5, M6, M8, M10, M12, M14, M16 - DIN 2325 |

HEAVY DUTY

## 53574

49,50€

| 2.29 | - | 6 | 216 |
|---|---|---|---|
| Kg | SUB | 1 | |

# 208-PIECE TOOL CASE WITH 1/4" BITS AND SCREWDRIVER ADAPTER

| | | | |
|---|---|---|---|
| 25mmL | x12 | 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8mm |
| | x10 | 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4 |
| 50mmL | x5 | 2.5, 3, 4, 5, 6mm |
| 75mmL | x5 | 2.5, 3, 4, 5, 6mm |
| 25mmL | x18 | PH00, PH0, PH1(x5), PH2(x5), PH3(x5), PH4 |
| 50mmL | x3 | PH1, PH2, PH3 |
| 75mmL | x3 | PH1, PH2, PH3 |
| 25mmL | x17 | PZ00, PZ0, PZ1(x5),PZ2(x5), PZ3(x4), PZ4 |
| 50mmL | x3 | PZ1, PZ2, PZ3 |
| 75mmL | x3 | PZ1,PZ2,PZ3 |
| 25mmL | x14 | T5, T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T35, T40, T45 |
| 50mmL | x7 | T10, T15, T20, T25, T27, T30, T40 |
| 75mmL | x7 | T10, T15, T20, T25, T27, T30, T40 |
| | x10 | 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 |
| | x10 | 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 |
| | x1 | |
| 25mmL | x3 | 6, 8, 10mm |
| 50mmL | x3 | 6, 8, 10mm |
| 25mmL | x4 | 4, 6, 8, 10mm |
| 50mmL | x4 | 4, 6, 8, 10mm |



| | | | |
|---|---|---|---|
| 25mmL | x4 | 1, 2, 3, 4mm |
| 50mmL | x4 | 1, 2, 3, 4mm |
| 25mmL | x6 | 2, 2.5, 3, 4, 5, 6mm |
| 25mmL | x6 | 5/64, 3/32, 7/64, 1/8, 9/64, 5/32 |
| 25mmL | x13 | T5, 6, 7, 8, 9, 10, 15, 20, 25, 27, 30, 40, 45 |
| 25mmL | x3 | 1, 2, 3mm |
| 25mmL | x4 | 0, 1, 2, 3mm |
| 25mmL | x3 | M5, M6, M8 |
| 25mmL | x9 | TS10, TS15, TS20, TS25, TS27, TS30, TS40, TS45, TS50 |
| 25mmL | x12 | SL2, SL2.5, SL3, SL3.5, SL4, SL4.5, SL5, SL5.5, SL6, SL6.5, SL7, SL8 |
| 6mm | x1 | 1/4" |
| | x1 | |

## 52620

8,80€

| 0.05 | 6 | 36 | 1584 |
|---|---|---|---|
| Kg | SUB | 1 | |

# 1/4" 105° ANGLED BIT HOLDER

| | |
|---|---|
| **Pieces** | 1 |
| **Angle** | 105° |
| **Finish** | Cromo Vanidio/Chromium vanadium |
| **Weight** | 0,050Kg |





## 53156

26,20€

| 0.48 | 6 | 36 | 864 |
|---|---|---|---|
| Kg | SUB | 1 | |

# MINI 37-PIECE BIT AND SOCKET SET WITH 1/4" RATCHET

| | | | |
|---|---|---|---|
| 1/4" | x11 | 4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12, 13mm |
| 1/4" | x1 | |
| | x2 | PH3, PH4 |
| | x2 | PZ3, PZ4 |
| 6mm | x5 | 4, 5, 6, 7, 8mm |
| 6mm | x3 | SL6, SL8, SL10 |
| 6mm | x8 | T8, T9, T10, T15, T20, T25, T30, T40 |
| 6mm | x4 | M5, M6, M9, M10 |
| | x1 | 1/4" |

SPARE PARTS AVAILABLE



## 51333 — 18,00€

| 0.52 | 5 | 40 | 640 |
|---|---|---|---|

### 6-PIECE SET OF 1/4", 3/8", 1/2", AND 3/4" ADAPTERS

SPARE PARTS AVAILABLE


ADAPTERS CRV



| | |
|---|---|
| x6 | 1/4H-3/8M, 1/4M-3/8H, 1/2H-3/4M, 3/8H-1/2M, 1/2H-3/8M, 3/4H-1/2M |

## 53743 — 39,70€

| 0.80 | 5 | 20 | 640 |
|---|---|---|---|

### 6 PIECE IMPACT ADAPTER SET

SPARE PARTS AVAILABLE


ADAPTERS CRMO



| | |
|---|---|
| x6 | 1/4H-3/8M, 3/8H-1/4M, 3/8H-1/2M, 1/2H-3/8M, 1/2H-3/4M, 3/4H-1/2M |

## 54586 — 5,00€

| 0.41 | 10 | 100 | 3200 |
|---|---|---|---|

### SET OF 3 SOCKET SPANNER ADAPTERS WITH HEXAGONAL TIPS

| | | |
|---|---|---|
| x1 | **1/2"** | 73mm |
| x1 | **3/8"** | 67mm |
| x1 | **1/4"** | 65mm |





## SOCKET SETS

| REF. | | | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 52714 | 0.65 | 4 | 24 | 576 | CrV | 10 PCS | | 1/2" | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm | 17,00€ |
| 52715 | 0.35 | 6 | 36 | 1152 | CrV | 13 PCS | | 1/4" | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | 11,00€ |
| 52716 | 0.61 | 4 | 24 | 576 | CrV | 10 PCS | | 1/2" | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm | 17,00€ |
| 52717 | 0.27 | 6 | 36 | 1152 | CrV | 13 PCS | | 1/4" | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | 11,00€ |

52714





52715





52716





52717





## BIT SOCKET SETS 1/2"

| REF. | | | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 51409 | 0.35 | 5 | 50 | - | CrV | 6 PCS | | 1/2" | M10, M12, M14, M16, M18, M20 | 36,00€ |
| 51410 | 0.38 | 5 | 50 | 500 | CrV | 6 PCS | | 1/2" | T55, T60, T70, T80, T90, T100 | 36,00€ |

51409





51410





## EXTRA-LONG 12-POINT 800MM BIT WITH 1/2"

| REF. | | | | | | | | | €
|---|---|---|---|---|---|---|---|---|---|
| 52059 | 0.57 | - | 25 | 1750 | CrV | 1 PCS | 1/2" | Ø 8mm - 800mm | 29,00€ |
| 52060 | 0.57 | - | 25 | 1750 | CrV | 1 PCS | | Ø 10mm - 800mm | 32,00€ |
| 53667 | 0.80 | 10 | 20 | - | CrV | 1 PCS | | Ø 12mm - 800mm | 32,00€ |
| 53668 | 1.05 | 10 | 20 | - | CrV | 1 PCS | | Ø 14mm - 800mm | 34,00€ |





## BIT SOCKET SETS

### 52908 — 19,90€

0.60 | 8 | 32 | 500

- 1/4" x3 PH0, PH1, PH2
- 1/4" x3 PZ0, PZ1, PZ2
- 1/4" x4 SL4, SL5.5, SL6.5, SL7
- 1/4" x4 3, 4, 5, 6mm
- 1/4" x8 T8, T9, T10, T15, T20, T25, T27, T30
- 1/4" x8 T8, T9, T10, T15, T20, T25, T27, T30





### 52909 — 14,00€

0.35 | 8 | 32 | 1500

- 1/4" x2 PH1, PH2
- 1/4" x2 PZ1, PZ2
- 1/4" x3 SL4, SL5.5, SL6.5
- 1/4" x4 3, 4, 5, 6mm
- 1/4" x7 T8, T10, T15, T20, T25, T27, T30





### 51746 — 12,00€

0.20 | 5 | 75 | 1050

- 1/4" x7 TS10, TS15, TS20, TS25, TS30, TS40, TS45





### 53127 — 12,00€

0.15 | 5 | 100 | 1800

- 1/4" x7 TS10, TS15, TS20, TS25, TS30, TS40, TS45





### 54545 — 18,00€

0.35 | 10 | 40 | 960

- 3/8" x9 4, 5, 6, 7, 8, 9, 10, 12, 14mm

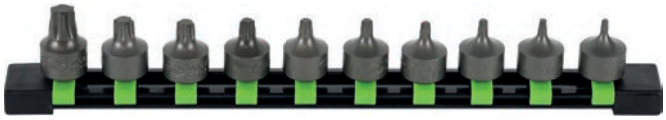




### 54546 — 19,50€

0.35 | 10 | 40 | 960

- 3/8" x10 T10, T15, T20, T25, T27, T30, T40, T45, T50, T55





## 53084 — 24,00€

| 0.60 | 5 | 20 | 880 |
|---|---|---|---|





| | | | |
|---|---|---|---|
| | **1/2"** | x3 | 100mm - T55, T60, T70 |
| | **3/8"** | x4 | 90mm - T30, T40, T45, T50 |

## 50980 — 23,50€

| 0.76 | 5 | 20 | 300 |
|---|---|---|---|





| | | | |
|---|---|---|---|
| | **1/2"** | x3 | 100mm - M12, M13, M14 |
| | **3/8"** | x4 | 90mm - M6, M7, M8, M10 |

## 50982 — 22,00€

| 0.46 | 6 | 36 | 1080 |
|---|---|---|---|





| | | | |
|---|---|---|---|
| | **3/8"** | x7 | 100mm - 3, 4, 5, 6, 7, 8, 10mm |

## 52320 — 23,00€

| 0.76 | 5 | 20 | 500 |
|---|---|---|---|





| | | | |
|---|---|---|---|
| | **1/2"** | x3 | 100mm - M12, M13, M14 |
| | **3/8"** | x4 | 90mm - M6, M7, M8, M10 |

## 54091 — 441,00€

| 4.20 | - | 3 | 81 |
|---|---|---|---|

### 26 PIECES INSULATED TOOL CASE

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **3/8"** | x10 | 8, 10, 11, 12, 13, 14, 16, 17, 19, 22mm |
| | **3/8"** | x1 | 200mm |
| | **1/2"** | x1 | 125mm |
| | **3/8"** | x1 | 200mm |
| | | x2 | 4x100, 5x125mmL |
| | | x2 | PH1x80, PH2x100mm |
| | | x1 | 185mm |
| | | x1 | |
| | | x6 | 7x86, 8x99, 10x109, 12x127, 14x141, 17x156mm |
| | | x1 | 185mm |

**CERTIFICATION:**

VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C

## 54093 — 441,00€

| 2.88 | - | 4 | 64 |
|---|---|---|---|

### MODULE OF 26 PIECES OF INSULATED TOOLS

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| | **3/8"** | x10 | 8, 10, 11, 12, 13, 14, 16, 17, 19, 22mm |
| | **3/8"** | x1 | 200mm |
| | **1/2"** | x1 | 125mm |
| | **3/8"** | x1 | 200mm |
| | | x2 | 4x100, 5x125mmL |
| | | x2 | PH1x80, PH2x100mm |
| | | x1 | 185mm |
| | | x1 | |
| | | x6 | 7x86, 8x99, 10x109, 12x127, 14x141, 17x156mm |
| | | x1 | 185mm |

**CERTIFICATION:**

VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C

## 15162

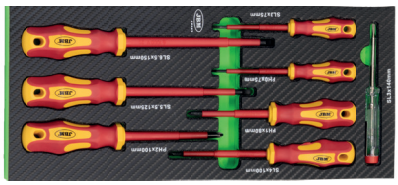
32,50€

| 0.65 | - | 10 | 240 |
|---|---|---|---|
| Kg | SUB | 1 | |

### MODULE OF 8 INSULATED SCREWDRIVERS VDE

| | | |
|---|---|---|
| | x4 | 0.5x3.0x75, 0.8x4.0x100, 1.0x5.5x125, 1.2x6.5x150mm |
| | x3 | PH0x75, PH1x80, PH2x100mm |
| | x1 | SL3x140mm |

SPARE PARTS AVAILABLE



**CERTIFICATION:**

VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C

## 53154

462,00€

| 3.30 | - | 4 | 72 |
|---|---|---|---|
| Kg | SUB | 1 | |

### 20 PIECES INSULATED TOOL CASE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **3/8"** | x12 | 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22mm | | | | |
| | **3/8"** | x1 | 200mm | | **3/8"** | x1 | 200mm |
| | **3/8"** | x2 | 125, 250mm | | **3/8"** | x4 | 4, 5, 6, 8mm (75mm) |

**CERTIFICATION:**

VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C



## 52519

25,50€

| 0.14 | 5 | 10 | 840 |
|---|---|---|---|
| Kg | SUB | 1 | |

### 7 PIECES INSULATED SCREWDRIVERS 1000V

| | | |
|---|---|---|
| | x2 | PH00x50, PH0x50mm |
| | x5 | SL1.5x0.23x50, SL1.8x0.30x50, SL2.0x0.40x50, SL2.5x0.40x50, SL3.0x0.50x50mm |

**CERTIFICATION:**

VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C



## 54562

68,50€

| 1.00 | - | 12 | 240 |
|---|---|---|---|
| Kg | SUB | 1 | |

### SET OF 25 PIECES INSULATED INTERCHANGABLE SCREWDRIVERS

| | | |
|---|---|---|
| | x3 | PH0x75, PH1x100, PH2x100mm |
| | x3 | PZ0x75, PZ1x100, PZ2x100mm |
| | x6 | SL2.5x75, SL3.0x75, SL3.5x75, SL4.0x100, SL5.5x100, SL6.5x100 |
| | x11 | T5x75, T6x75, T7x75, T8x75, T9x75, T10x75, T15x75, T20x75, T25x75, T27x75, T30x75mm |
| | x1 | 140mm |

**CERTIFICATION:**

VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C



## 53165

19,60€

| 0.10 | 6 | 36 | 1152 |
|---|---|---|---|
| Kg | SUB | 1 | |

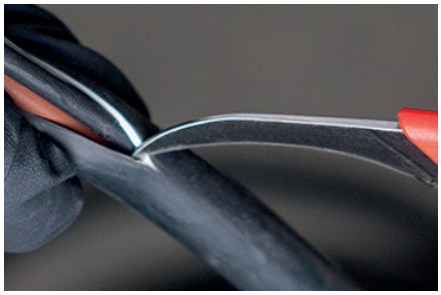
### INSULATED CABLE HOOK KNIFE

**CERTIFICATION:**

VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C





# HAND TOOLS


**38** SPANNERS

**46** BAR CLAMP

**47** RATCHET

**50** TORQUE WRENCHES

**53** EXTENSION BARS

**54** SCREWDRIVERS

**57** PLIERS

**65** INSPECTION TOOLS

**66** HAMMERS

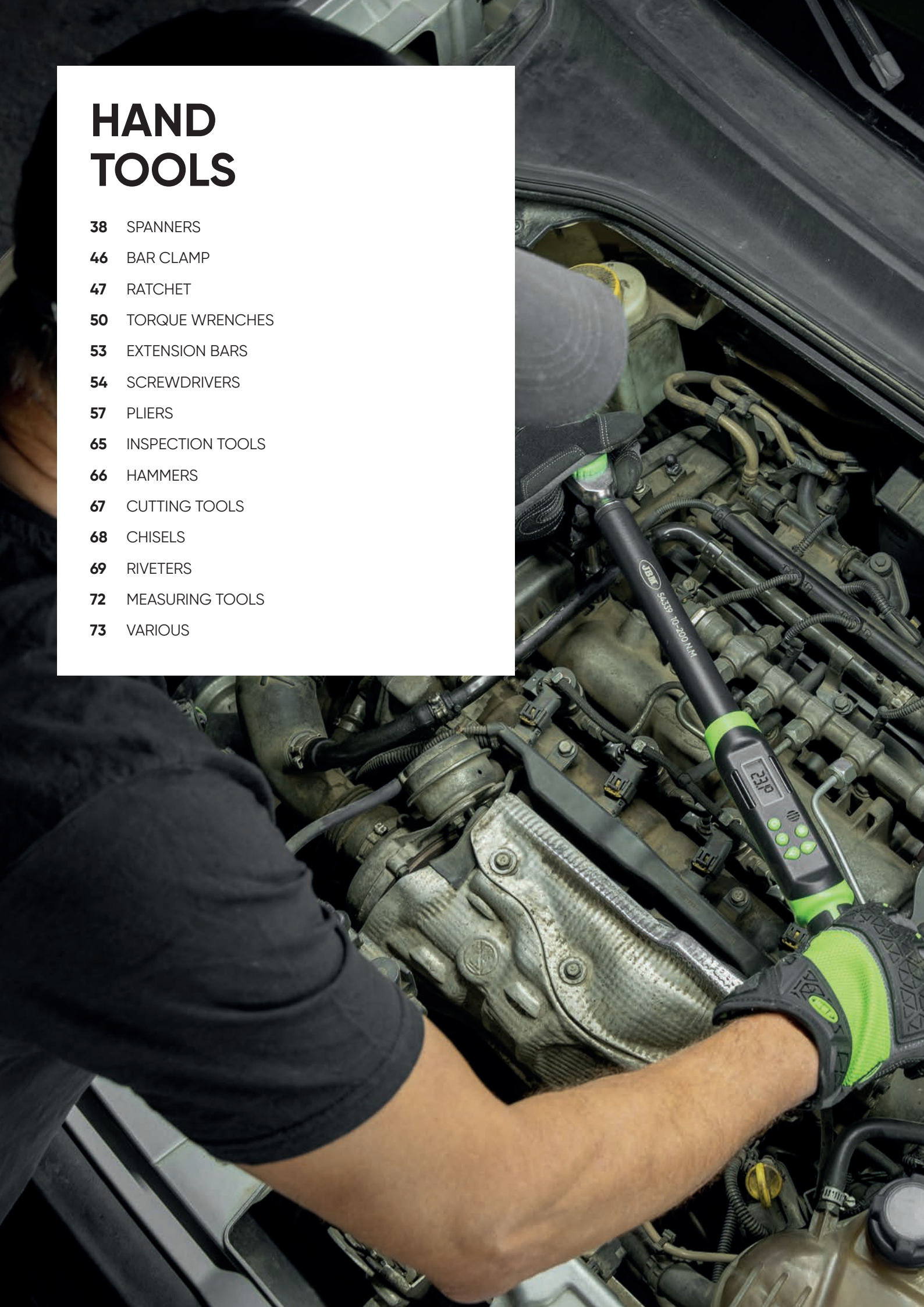
**67** CUTTING TOOLS

**68** CHISELS

**69** RIVETERS

**72** MEASURING TOOLS

**73** VARIOUS

## 54149 — 60,00€

| 2.75 | - | 6 | 336 |
|---|---|---|---|
| Kg. | SUB | | |

### SET OF 12 FIXED SPANNERS




SPARE PARTS AVAILABLE

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32mm

## 54150 — 24,00€

| 0.75 | 10 | 20 | 760 |
|---|---|---|---|
| Kg. | SUB | | |

### SET OF 7 FIXED SPANNERS




SPARE PARTS AVAILABLE

6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm

## 54079 — 83,00€

| 4.00 | - | 4 | 180 |
|---|---|---|---|
| Kg. | SUB | | |

### SET OF 21 COMBINATION SPANNERS




SPARE PARTS AVAILABLE

6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm

## 54097 — 39,00€

| 1.40 | - | 10 | 490 |
|---|---|---|---|
| Kg. | SUB | | |

### SET OF 14 COMBINATION SPANNERS




SPARE PARTS AVAILABLE

6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 50564 — 30,00€

| 0.60 | 5 | 20 | 600 |
|---|---|---|---|
| Kg. | SUB | | |

### SET OF 8 SHORT COMBINATION SPANNERS




SPARE PARTS AVAILABLE

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

## 54120 — 63,00€

| 2.89 | - | 6 | 252 |
|---|---|---|---|
| Kg. | SUB | | |

### SET OF 7 COMBINATION SPANNERS




SPARE PARTS AVAILABLE

20, 21, 22, 24, 27, 30, 32mm

## 54174 — 139,00€

8.70 | - | 2 | 120

### SET OF 6 COMBINATION SPANNERS

XL

SPARE PARTS AVAILABLE



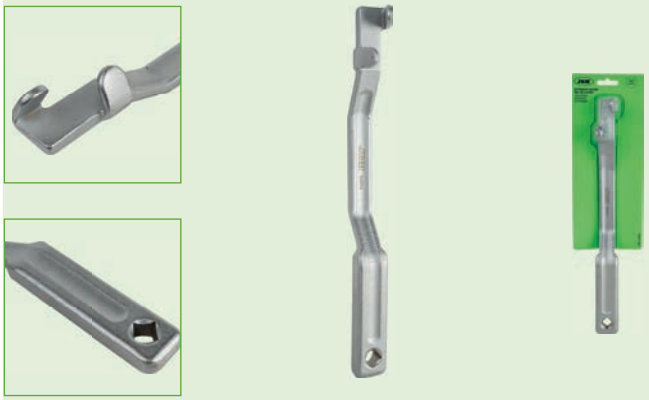

34, 36, 38, 41, 46, 50mm

## 54914 — 21,00€

0.70 | 5 | 20 | 480

NEW

### UNIVERSAL WRENCH EXTENDER 340MM



1/2" - 340mm

## 54119 — 78,00€

3.20 | - | 6 | 168

### SET OF 12 OFFSET 12-POINT SPANNERS

SPARE PARTS AVAILABLE




6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32mm

## 50562 — 27,00€

0.87 | - | 20 | 360

### SET OF 7 OFFSET 12-POINT SPANNERS

SPARE PARTS AVAILABLE




6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm

## 15156 — 70,00€

2.05 | - | 10 | 180

### MODULE OF 4 DOUBLE RING SPANNERS

SPARE PARTS AVAILABLE



21x23, 24x27, 25x28, 30x32mm

## 54041 — 198,00€

9.00 | - | 2 | 48

### SET OF 22 RATCHETING COMBINATION SPANNERS IN CASE

SPARE PARTS AVAILABLE



6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm

## 54110 — 48,50€

0.90 | - | 10 | 840

### SET OF 8 SHORT RATCHETING COMBINATION SPANNERS




SPARE PARTS AVAILABLE

72 — 10, 11, 12, 13, 14, 15, 17, 19mm

## 54117 — 74,00€

1.80 | 5 | 10 | 270

### SET OF 12 RATCHETING COMBINATION SPANNERS




SPARE PARTS AVAILABLE

72 — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 15122 — 80,00€

1.70 | - | 10 | 220

### MODULE OF 12 COMBINATION RATCHET WRENCHES



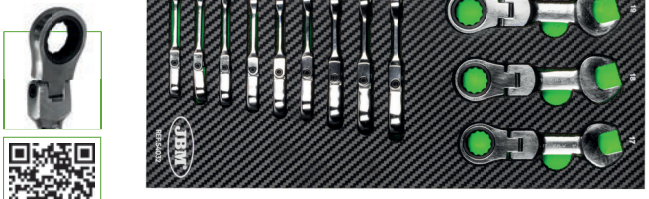

SPARE PARTS AVAILABLE

72 — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 54032 — 84,00€

1.45 | - | 10 | 240

### MODULE OF 12 MINI COMBINATION SPANNERS WITH RATCHET JOINT




SPARE PARTS AVAILABLE

72 — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 51318 — 98,00€

2.15 | 5 | 10 | 280

### SET OF 12 FLEXIBLE HEAD RATCHETING COMBINATION SPANNERS




SPARE PARTS AVAILABLE

72 — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 53017 — 57,00€

1.30 | 5 | 10 | 300

### SET OF 7 FLEXIBLE HEAD RATCHETING COMBINATION SPANNERS



SPARE PARTS AVAILABLE

72 — 8, 10, 11, 13, 14, 17, 19mm

## 15316 — 58,00€

0.85 | - | 10 | 300

### MODULE OF 72 TEETH DOUBLE END RATCHET RING WRENCH « 4 IN 1 »



SPARE PARTS AVAILABLE

72 — 12-13x8-10mm, 14-15x9-11mm, 18-19x16-17mm

## 54101 — 65,00€

0.90 | - | 10 | 750

### SET OF 6 RATCHETING SPANNERS



SPARE PARTS AVAILABLE

72 — 8x9, 10x11, 12x13, 14x15, 16x18, 17x19mm

## 54066 — 83,00€

2.00 | - | 5 | 175

### MODULE OF 7 EXTRA LONG RATCHET SPANNERS



SPARE PARTS AVAILABLE

72 — 8, 10, 12, 13, 14, 17, 19mm

## 53018 — 127,00€

2.66 | - | 5 | 125

### SET OF 6 FLEXIBLE HEAD RATCHETING COMBINATION SPANNERS IN CASE



SPARE PARTS AVAILABLE

72 — 8x9, 10x11, 12x13, 14x15, 16x18, 17x19mm

## 51864 — 69,00€

1.87 | - | 10 | 200

### MODULE OF 6 EXTRA LONG 12-EDGED SPANNERS



SPARE PARTS AVAILABLE

10x11, 12x14, 13x15, 16x18, 17x19, 22x24mm

## 52912 — 94,00€

1.62 | - | 10 | 240

### MODULE OF 6 EXTRA LONG TORX SPANNERS



SPARE PARTS AVAILABLE

E6xE7, E8xE10, E11xE12, E14xE16, E18xE20, E22xE24

## 54338 — 65,00€

0.95 | 5 | 20 | 420

### RATCHET WRENCH WITH 12 INTERCHANGEABLE HEAD



SPARE PARTS AVAILABLE



72 — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 54159 — 49,50€

1.05 | - | 10 | 500

### SET OF 8 C-SHAPED 12-POINT SPANNERS

SPARE PARTS AVAILABLE




6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm

## 53420 — 76,00€

1.50 | - | 20 | 360

### SET OF 8 TUBE SPANNERS

SPARE PARTS AVAILABLE




6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm

## 51528 — 54,00€

3.55 | - | 5 | 270

### SET OF 14 DOUBLE-ENDED BOX SPANNERS

SPARE PARTS AVAILABLE




8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21mm

## 54115 — 29,00€

0.35 | - | 50 | 500

### SET OF 4 FLAT TORX KEYS

SPARE PARTS AVAILABLE




E6xE8, E10xE12, E14xE18, E20xE24

## 54081 — 28,00€

0.75 | - | 10 | 960

### SET OF 5 OPEN-ENDED HEXAGON SPANNERS WITH 6 EDGES

SPARE PARTS AVAILABLE




10x11, 12x13, 14x15, 16x17, 18x19mm

## 53654 — 81,00€

1.40 | - | 5 | 200

### SET OF 3 HOOK SPANNERS WITH 3 ADAPTERS



160, 177, 250mm

35-60, 60-90, 90-120mm

## 54187 — 42,50€

0.60 | - | 10 | 740

### SET OF 10 CROWFOOT WRENCHES 3/8"

SPARE PARTS AVAILABLE



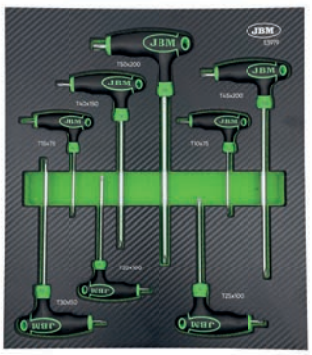
10, 11, 13, 14, 15, 16, 17, 18, 19, 22mm

## 53979 — 38,00€

1.00 | - | 10 | 150

### MODULE OF 8 "T" SHAPED TORX SPANNERS

SPARE PARTS AVAILABLE



T10x75, T15x75, T20x100, T25x100, T30x150, T40x150, T45x200, T50x200

## 53980 — 38,00€

1.00 | - | 10 | 180

### MODULE OF 8 "T" SHAPED ALLEN KEYS

SPARE PARTS AVAILABLE



H2x100, H2.5x100, H3x100, H4x150, H5x150, H6x200, H8x200, H10x200

## 54481 — 113,00€

3.60 | - | 5 | 100

### MODULE OF 7 SOCKET SPANNERS WITH T-HANDLE (7-19MM)

SPARE PARTS AVAILABLE



7, 8, 10, 11, 13, 17, 19mm (465mm)

## 54380 — 119,00€

4.20 | - | 5 | 80

### SET OF 9 SOCKET SPANNERS WITH T-HANDLE (7–19 MM)

SPARE PARTS AVAILABLE



7, 8, 10, 11, 13, 14, 15, 17, 19mm (465mm)

**51659** 59,00€

1.60 | - | 10 | 240

## CASE WITH 6 ARTICULATED 12-POINT SOCKET WRENCHES

SPARE PARTS AVAILABLE



8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm

**50622** 70,00€

1.05 | - | 10 | 320

## CASE WITH 4 ARTICULATED TORX SOCKET WRENCHES

SPARE PARTS AVAILABLE



E6xE8, E10xE12, E14xE18, E20xE24

## 9 PCS KEY SETS

### TORX

| REF. | PCS | mm | IT CONTAINS | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53737 | 9 | 90-218mm | T10, T15, T20, T25, T27, T30, T40, T45, T50 | 0.42 | 10 | 40 | 600 | 12,80€ |
| 53739 | 9 | 86-150mm | T10, T15, T20, T25, T27, T30, T40, T45, T50 | 0.32 | 10 | 40 | 960 | 10,50€ |
| 53955 | 9 | 44-100mm | T10, T15, T20, T25, T27, T30, T40, T45, T50 | 0.25 | 10 | 40 | 1480 | 10,00€ |

### HEXAGONAL

| REF. | PCS | mm | IT CONTAINS | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53738 | 9 | 90-220mm | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | 0.45 | 10 | 40 | 1000 | 10,90€ |
| 53740 | 9 | 72-170mm | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | 0.37 | 10 | 40 | 960 | 9,90€ |
| 53954 | 9 | 43-97mm | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | 0.25 | 10 | 40 | 1480 | 9,40€ |

### NEW DESIGN

| REF. | PCS | mm | IT CONTAINS | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54531 | 9 | 90-220mm | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | 0.48 | 10 | 40 | 1120 | 14,90€ |
| 54532 | 9 | 90 - 218mm | T10, T15, T20, T25, T27, T30, T40, T45, T50 | 0.49 | 10 | 40 | 1120 | 14,90€ |



53737 - 53739 - 53955



53738 - 53740 - 53954




54531




54532

## PIPE WRENCHES

| REF. | " | mm | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52235 | 12" | 300mm | 50mm | 0.90 | 6 | 24 | 1140 | 11,50€ |
| 52236 | 14" | 350mm | 60mm | 1.09 | 6 | 24 | 760 | 14,30€ |
| 52237 | 18" | 450mm | 70mm | 1.75 | 4 | 12 | 720 | 18,00€ |
| 52238 | 20" | 510mm | 75mm | 2.50 | 2 | 8 | 600 | 26,50€ |
| 53210 | 36" | 915mm | 110mm | 4.95 | - | 4 | 96 | 48,00€ |



| REF. | " | mm | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53070 | 12" | 270mm | 45mm | 0.68 | 6 | 24 | 900 | 17,30€ |
| 53071 | 14" | 320mm | 50mm | 0.92 | 4 | 12 | 900 | 27,50€ |
| 53072 | 18" | 410mm | 65mm | 1.35 | 4 | 12 | 900 | 34,00€ |
| 53073 | 24" | 540mm | 75mm | 2.05 | 2 | 8 | 1000 | 50,00€ |



## ADJUSTABLE WRENCHES

**MODEL 1**

| REF. | " | mm | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51798 | 18" | 450mm | 53mm | 1.90 | 3 | 12 | 432 | 39,60€ |
| 52424 | 24" | 610mm | 62mm | 3.75 | - | 5 | 350 | 64,00€ |



**MODEL 2**

| REF. | " | mm | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51795 | 8" | 200mm | 22mm | 0.28 | 6 | 60 | 3600 | 9,00€ |
| 51796 | 10" | 250mm | 28mm | 0.48 | 6 | 36 | 2400 | 14,00€ |
| 51797 | 12" | 300mm | 37mm | 0.71 | 6 | 24 | 960 | 18,00€ |



**MODEL 3**

| REF. | " | mm | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53639 | 6" | 150mm | 28mm | 0.15 | 6 | 96 | 576 | 28,60€ |
| 53640 | 8" | 200mm | 30mm | 0.28 | 6 | 72 | 504 | 34,40€ |
| 53641 | 10" | 250mm | 33mm | 0.50 | 6 | 36 | 1151 | 41,00€ |
| 53642 | 12" | 300mm | 40mm | 0.83 | 6 | 24 | 1200 | 54,00€ |
| 53643 | 16" | 400mm | 52mm | 1.53 | - | 12 | 336 | 92,00€ |
| 54098 | 20" | 640mm | 65mm | 2.70 | - | 6 | - | 158,50€ |





## SAE TOOLS

### 51890

97,00€

4.45 | - | 4 | 180

### SET OF 17 COMBINATION WRENCHES (INCH)




5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1", 1" 1/16, 1" 1/8, 1" 3/16, 1" 1/4

### 54005

14,00€

0.35 | 10 | 40 | 960

### SET OF 9 ROUND-END ALLEN WRENCHES (INCH)







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

69, 75, 82, 91, 103, 118, 133, 155, 177mm

### 54106

89,00€

4.70 | - | 3 | 108

### 37 PIECES INCH TOOL CASE - ZINC FINISH




| | | | | | |
|---|---|---|---|---|---|
| **1/2"** | x17 | 5/16", 3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4" | | | |
| **1/4"** | x8 | 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" | | | |
| **1/2"** | x2 | 16, 21mm | | **1/4"** | x1 |
| **1/2"** | x2 | 5", 10" | | **1/2", 1/4"** | x2 |
| **1/4"** | x1 | 3" | | **1/2", 1/4"** | x2 |
| | x1 | | | **1/2", 1/4"** | x1 |

## ADJUSTABLE BAR CLAMPS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 52349 | 90x200mm | 1.25 | - | 10 | 480 | 24,00€ |
| 52350 | 90x300mm | 1.41 | - | 10 | 540 | 24,50€ |
| 52351 | 90x400mm | 1.60 | - | 10 | 480 | 27,50€ |
| 52352 | 120x300mm | 1.99 | - | 10 | 360 | 35,00€ |
| 52353 | 120x400mm | 2.10 | - | 10 | 350 | 36,00€ |
| 52354 | 120x500mm | 2.41 | - | 6 | 300 | 36,50€ |
| 52355 | 120x600mm | 2.62 | - | 4 | 300 | 39,00€ |
| 52357 | 150x800mm | 4.60 | - | 4 | 125 | 54,00€ |
| 52358 | 150x1000mm | 5.35 | - | 5 | 120 | 67,00€ |



# 72-TEETH RATCHETS

## STANDARD

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54022 | 1/4" | 145mm | Chrome finish | 0.15 | 12 | 36 | 2016 | 10,00€ |
| 54023 | 3/8" | 200mm | Chrome finish | 0.30 | 12 | 24 | 1440 | 14,00€ |
| 54024 | 1/2" | 255mm | Chrome finish | 0.60 | 12 | 24 | 960 | 18,00€ |
| 54018 | 1/4" | 145mm | Zinc finish | 0.15 | 12 | 36 | 2340 | 10,00€ |
| 54021 | 3/8" | 200mm | Zinc finish | 0.28 | 12 | 24 | 12000 | 14,00€ |
| 54019 | 1/2" | 255mm | Zinc finish | 0.60 | 12 | 24 | 864 | 18,00€ |

IN 12 UNITS DISPLAY CASE




54022
54023
54024

54018
54019
54021

## STRAIGHT RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54083 | 1/4" | 145mm | Zinc finish | 0.14 | 12 | 24 | 2592 | 10,50€ |
| 54084 | 3/8" | 200mm | Zinc finish | 0.30 | 12 | 24 | 1440 | 14,10€ |
| 54085 | 1/2" | 255mm | Zinc finish | 0.60 | 12 | 24 | 960 | 19,20€ |

IN 12 UNITS DISPLAY CASE




## SWIVEL HEAD RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51405 | 1/4" | 145mm | Zinc finish | 0.58 | 12 | 24 | - | 21,10€ |
| 51406 | 1/2" | 280mm | Chrome finish | 0.66 | 12 | 24 | 864 | 29,20€ |

IN 12 UNITS DISPLAY CASE




## EXTENDABLE RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53346 | 1/4" | 150-200mm | Zinc finish | 0.25 | 6 | 12 | - | 18,30€ |
| 51307 | 1/2" | 305-445mm | Zinc finish | 0.92 | 6 | 12 | 396 | 29,70€ |
| 54304 | 1/2" | 450-610mm | Zinc finish | 1.15 | - | 6 | 480 | 29,00€ |

IN 6 UNITS DISPLAY CASE




## STUBBY RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54086 | 1/4" | 105mm | Zinc finish | 0.10 | 12 | 36 | - | 10,00€ |
| 54087 | 1/2" | 173mm | Zinc finish | 0.50 | 12 | 24 | 1008 | 18,60€ |

IN 12 UNITS DISPLAY CASE




## MINI RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52207 | 1/4" | 85mm | Zinc finish | 0.05 | 12 | 240 | 4320 | 24,20€ |

IN 12 UNITS DISPLAY CASE




# 72-TEETH RATCHETS

## FLEXIBLE EXTRA LONG DRIVE RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53886 | 1/4" | 305mm | Zinc finish | 0.27 | 10 | 40 | 1680 | 22,00€ |
| 53887 | 3/8" | 457mm | Zinc finish | 0.68 | 10 | 20 | 700 | 33,50€ |
| 53888 | 1/2" | 609mm | Zinc finish | 1.27 | 4 | 16 | 480 | 40,50€ |

## EXTRA LONG DRIVE RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53883 | 1/4" | 305mm | Zinc finish | 0.27 | 10 | 40 | 1680 | 19,80€ |
| 53884 | 3/8" | 457mm | Zinc finish | 0.61 | 10 | 20 | 700 | 32,50€ |
| 53885 | 1/2" | 609mm | Zinc finish | 1.25 | 4 | 16 | 480 | 35,70€ |



53886 53883
53887 53884
53888 53885

## ARTICULATED RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52588 | 1/2" | 172mm | Chrome finish | 0.17 | 12 | 144 | 3456 | 47,50€ |

IN 12 UNITS DISPLAY CASE



## SHORT ARTICULATED RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51306 | 1/4" | 165mm | Chrome finish | 0.30 | 12 | 48 | 816 | 23,50€ |
| 51305 | 1/2" | 175mm | Chrome finish | 0.31 | 12 | 48 | 816 | 23,50€ |

IN 12 UNITS DISPLAY CASE



## DRIVE EXTENDABLE RATCHET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52197 | 1/2" | 350-490mm | Zinc finish | 1.04 | 6 | 12 | 468 | 36,30€ |

IN 6 UNITS DISPLAY CASE



## 3 PIECES STUBBY RATCHET SET

| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53671 | 1/4" | 85mm | Chrome finish | 0.85 | - | 10 | 520 | 41,00€ |
| | 3/8" | 102mm | Chrome finish | | | | | |
| | 1/2" | 135mm | Chrome finish | | | | | |



## 72-TEETH RATCHETS

### NEW FLEXIBLE RATCHET 3/8"



| REF. | " | mm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54691 | 1/4" | 165mm | Zinc finish | 0.15 | 25 | 100 | 9800 | 17,50€ |
| 54694 | 3/8" | 250mm | Zinc finish | 0.39 | 25 | 100 | 3200 | 20,50€ |

### WITH SOCKETS

| REF. | " | FINISH | PROFILE | WITH SOCKETS | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 54028 | 1/2" | Zinc finish | | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm | 1.30 | 4 | 24 | 432 | 29,00€ |
| 54029 | 1/2" | Zinc finish | | | 1.25 | 4 | 24 | 432 | 29,00€ |
| 54030 | 1/4" | Zinc finish | | 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm | 0.35 | 6 | 36 | 1008 | 19,00€ |
| 54031 | 1/4" | Zinc finish | | | 0.35 | 6 | 36 | 864 | 19,00€ |

54028
SPARE PARTS AVAILABLE



54029
SPARE PARTS AVAILABLE



54030
SPARE PARTS AVAILABLE



54031
SPARE PARTS AVAILABLE



## 120-TEETH RATCHETS

| REF. | " | Nm | FINISH | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54647 | 1/4" | 100Nm | Zinc finish | 0.35 | 12 | 24 | 3024 | 18,00€ |
| 54648 | 3/8" | 360Nm | Zinc finish | 1.90 | 12 | 24 | 1320 | 19,00€ |
| 54649 | 1/2" | 900Nm | Zinc finish | 1.90 | 12 | 24 | 1056 | 24,00€ |

54647
SPARE PARTS AVAILABLE

54648
SPARE PARTS AVAILABLE

54649
SPARE PARTS AVAILABLE



IN 12 UNITS DISPLAY CASE






**YOU MAY ALSO LIKE...**

SPARE SET

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 15147 | 3/8" | REF.53884, 53887 | 0.10 | - | 100 | - | 6,60€ |
| 15148 | 1/2" | REF.53885, 53888 | 0.20 | - | 100 | - | 6,60€ |
| 15149 | 1/4" | REF.53883, 53886 | 0.05 | - | 100 | - | 6,60€ |



REPAIRING KIT FOR STUBBY RATCHET SET

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 15138 | 1/4" | REF.53671, 54030, 54031, 54022, 54018, 54083, 54086 | 0.10 | - | 50 | - | 11,70€ |
| 15139 | 3/8" | REF.53671, 54023, 54021, 54084 | 0.06 | - | 50 | - | 13,70€ |
| 15140 | 1/2" | REF.53671, 54028, 54029, 54024, 54019, 54085, 54087 | 0.20 | - | 50 | - | 15,60€ |



## SWIVEL HEAD RATCHETED BREAKER BARS

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 52524 | 3/4" | 1020mm | 3.60 | 3 | 6 | 168 | 56,00€ |
| 52526 | 1/2" | 600mm | 1.65 | 5 | 10 | 500 | 28,40€ |
| 52525 | 1/2" | 430mm | 0.85 | 5 | 25 | 1500 | 14,00€ |
| 54343 | 1/2" | 450-600mm | 1.15 | - | 6 | 594 | 33,00€ |




## SLIDING T BARS

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53468 | 1/2" | 250mm | 0.35 | 6 | 48 | 600 | 9,20€ |
| 53478 | 1/4" | 115mm | 0.50 | 5 | 100 | 1200 | 5,00€ |
| 53479 | 3/8" | 200mm | 0.15 | 5 | 50 | 300 | 6,50€ |
| 53480 | 3/4" | 460mm | 1.35 | 5 | 10 | 480 | 20,50€ |
| 53481 | 1" | 550mm | 2.85 | - | 5 | 300 | 30,00€ |




**54870** 229,00€

2.61 | - | 6 | 150

NEW

## 1/2" DIGITAL TORQUE WRENCH 17–340NM

| | |
|---|---|
| **Pieces** | 1 |
| **Square measure** | 1/2" |
| **Torque range** | 17-340Nm |
| **Accuracy (clockwise)** | ±2% |
| **Accuracy (counterclockwise)** | ±3% |
| **Units of measure** | Nm, In/Lb, Ft/Lb, Kg/cm |
| **Lenght** | 669mm |
| **Weight** | 1,57Kg |



## 54339

273,00€

2.40 | - | 6 | 120

# 1/2" DIGITAL TORQUE WRENCH WITH 10–200 NM RANGE

| | |
|---|---|
| **Pieces** | 1 |
| **Square measure** | 1/2" |
| **Measurement** | 0-360° (Torque-Grados/Degrees) |
| **Torque range** | 10-200Nm |
| **Accuracy (clockwise)** | ±2% |
| **Accuracy (counterclockwise)** | ±3% |
| **Units of measure** | Nm, In/Lb, Ft/Lb, Kg/cm, Grados/Degrees |
| **Lenght** | 530mm |
| **Weight** | 2,40Kg |



VIDEO TUTORIAL

## 53972

550,00€

8.75 | - | 2 | 40

# 3/4" EXTENDABLE TORQUE WRENCH 200-800NM

| | |
|---|---|
| **Pieces** | 1 |
| **Square measure** | 3/4" |
| **Material** | Acero/Steel - SMC440 |
| **Number of teeth** | 72 |
| **Torque range** | 200-800Nm |
| **Accuracy (clockwise)** | ±3% |
| **Units of measure** | Nm |
| **Lenght** | 1000-1210mm |
| **Weight** | 8,75Kg |



## 52913

292,00€

3.94 | - | 4 | 96

# 1/2" TORQUE WRENCH WITH 40–200 NM AND INTERCHANGEABLE HEADS

| | |
|---|---|
| **Pieces** | 11 |
| **Square measure** | 1/2" |
| **Material** | Cr-V |
| **Number of teeth** | 72 |
| **Torque range** | 40-200Nm |
| **Accuracy (clockwise)** | ±3% |
| **Units of measure** | Nm |
| **Lenght** | 325mm |
| **Weight** | 3,94Kg |

SPARE PARTS AVAILABLE




## 54785

130,00€

1.90 | - | 4 | 112

NEW

# 5-PIECE TOOL SET WITH 1/2" TORQUE WRENCH WITH VIEW WINDOW

| | |
|---|---|
| **Pieces** | 5 |
| **Square measure** | 1/2" |
| **Material** | Cr-V, CR-Mo |
| **Torque range** | 20-200Nm |
| **Accuracy (clockwise)** | 3% |
| **Units of measure** | Nm,Lb.ft |
| **Dimensions (LxWxH)** | 540x70x80mm |
| **Weight** | 1,90Kg |

VIDEO TUTORIAL

SPARE PARTS AVAILABLE



## 54269

56,00€

| 2.50 | - | 5 | 220 |
|---|---|---|---|
| Kg | LB | 1 | |

# 21-PIECE 1/4" BIT AND ADAPTER SET WITH TORQUE WRENCH

| | | | | | |
|---|---|---|---|---|---|
| x1 | 5-25Nm | | x3 | PH1, PH2, PH3 |
| x1 | 100mm | | x8 | H2, H2.5, H3, H4, H5, H6, H8, H10 (37mmL) |
| x1 | UNIVERSAL | | x1 | H5 (87mmL) |
| x1 | 1/4" (F) - 3/8" (M) | | x5 | T10, T15, T20, T25, T30 |

SPARE PARTS AVAILABLE



## RATCHET TORQUE WRENCHES WITH SIGHT GLASS

| REF. | " | mm | Nm | Kg | LB | 1 | | € |
|---|---|---|---|---|---|---|---|---|
| 53081 | 1/4" | 375mm | 4-20Nm | 1.10 | 5 | 25 | 350 | 115,00€ |
| 53082 | 1/2" | 560mm | 40-210Nm | 1.90 | 4 | 8 | 168 | 148,00€ |





53081



53082

## NEW RATCHET TORQUE WRENCHES WITH SIGHT GLASS

| REF. | " | mm | Nm | Kg | LB | 1 | | € |
|---|---|---|---|---|---|---|---|---|
| 54853 | 1/4" | 245mm | 1-5Nm | 0.74 | - | 10 | 360 | 69,00€ |
| 54529 | 1/4" | 280mm | 3-25Nm | 0.78 | - | 10 | 520 | 84,00€ |
| 54696 | 3/8" | 420mm | 20-120Nm | 0.39 | 25 | 50 | 260 | 90,00€ |
| 54530 | 1/2" | 515mm | 20-200Nm | 1.90 | - | 10 | 210 | 105,00€ |
| 54783 | 1/2" | 515mm | 60-320Nm | 1.90 | - | 4 | 208 | 116,50€ |
| 54855 | 1/2" | 670mm | 80-420Nm | 2.63 | - | 4 | 112 | 136,00€ |
| 54857 | 3/4" | 1210mm | 150-750Nm | 8.26 | - | 2 | 42 | 599,00€ |
| 54858 | 1" | 1400mm | 200-1000Nm | 9.02 | - | 2 | 42 | 749,00€ |





54853 54529 54696 54530 54783 54855 54857 54858

## RATCHET TORQUE WRENCHES

| REF. | " | mm | Nm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54526 | 1/4" | 235mm | 5-25Nm | 0.71 | 5 | 10 | 380 | 41,00€ |
| 54533 | 3/8" | 420mm | 20-120Nm | 1.54 | 5 | 10 | 220 | 56,00€ |
| 54527 | 1/2" | 430mm | 40-210Nm | 1.69 | 5 | 10 | 200 | 64,00€ |



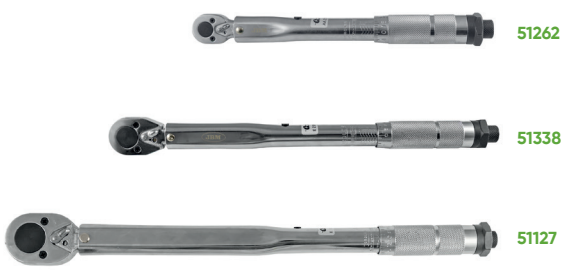





## RATCHET TORQUE WRENCHES

| REF. | " | mm | Nm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51262 | 1/4" | 270mm | 5-25Nm | 0.80 | 4 | 16 | 448 | 51,00€ |
| 51338 | 3/8" | 365mm | 19-110Nm | 1.05 | 4 | 16 | 352 | 53,00€ |
| 51127 | 1/2" | 470mm | 28-210Nm | 1.70 | 4 | 8 | 256 | 56,00€ |








## EXTENSION BARS

| REF. | " | END | PCS | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 51805 | 1/4" | Ball end set | 5 PCS | 50, 75, 100, 152, 227mm | 0.33 | 4 | 20 | 640 | 17,00€ |
| 51447 | 1/4" | Normal end set | 5 PCS | 50, 75, 100, 152, 227mm | 0.34 | 5 | 20 | 960 | 16,00€ |
| 51448 | 1/2" | Ball end set | 5 PCS | 50, 125, 250, 380, 510mm | 2.38 | - | 5 | 270 | 52,00€ |







51805

SPARE PARTS AVAILABLE



51447

SPARE PARTS AVAILABLE



51448

SPARE PARTS AVAILABLE



**51479** 34,00€

0.65 | 12 | 24 | 1056

## 1/2" EXTENDABLE BAR, 260–410MM



| | | |
|---|---|---|
| | **1/2"** | 260-410mm |





IN 12 UNITS DISPLAY CASE

## 54684

23,50€

| 0.64 | - | 10 | 350 |
|---|---|---|---|

### SET OF 4 EXTRA-LONG TORX SCREWDRIVERS

450mm T15, T20, T25, T30





SPARE PARTS AVAILABLE

## 54302

13,80€

| 0.45 | 10 | 40 | 650 |
|---|---|---|---|

### SET OF 6 PRECISION SCREWDRIVERS

| | | |
|---|---|---|
| ⊕ | x3 | PH00, PH0, PH1 |
| ⊖ | x3 | SL2, SL3, SL4 |



## MODULES OF SCREWDRIVERS

| REF. | | PCS | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53943 | ⊕ | 7 PCS | PH4x200, PH3x150, PH2x100, PH2x38, PH1x80, PH1x100, PH0x120 | 0.80 | - | 10 | 240 | 23,50€ |
| 53944 | ⊖ | 7 PCS | SL9x200, SL4x125, SL5x100, SL5x80, SL6x38, SL6x100, SL8x150 | 0.80 | - | 10 | 240 | 22,50€ |
| 53945 | ✶ | 7 PCS | T8x75, T9x75, T10x75, T15x75, T20x75, T25x100, T27x100 | 0.60 | - | 10 | 240 | 21,00€ |

53943

SPARE PARTS AVAILABLE



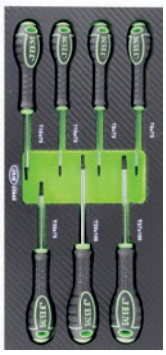
53944

SPARE PARTS AVAILABLE



53945

SPARE PARTS AVAILABLE



## PRECISION SCREWDRIVER SETS

| REF. | | PCS | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52500 | ⊕ | 3 PCS | PH00x25, PH0x25, PH1x25 | 0.33 | - | 50 | 1000 | 19,50€ |
| | ⊖ | 5 PCS | SL0.4x2x25, SL0.4x2.5x25, SL0.5x3.0x25, SL0.5x3.5x25, SL0.8x4x25 | | | | | |
| 53917 | ⊕ | 3 PCS | PH00, PH0, PH1 | 0.20 | 5 | 50 | 950 | 9,60€ |
| | ⊖ | 4 PCS | SL1.4, SL2.0, SL2.4, SL3.0 | | | | | |



52500



53917

## 53694

19,00€

1.00 | 6 | 24 | 864

### METAL CASE WITH 1/2" IMPACT SCREWDRIVER AND 6-PIECE BIT SET

| | | | | |
|---|---|---|---|---|
| x3 | PH2x36, PH3x36, PH3x70 | x1 | 1/2" | |
| x3 | SL7x36, SL8x36, SL8x70 | x1 | 1/2" | |



## 54126

44,00€

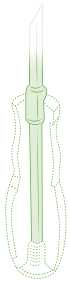
2.75 | - | 4 | 140

### CASE WITH 12 GO-THROUGH SCREWDRIVERS WITH MAGNETIC TIP

| | |
|---|---|
| x6 | PH1x75, PH2x38, PH2x100, PH3x150, PH4x200 (GO-THROUGH), PH0x75mm |
| x6 | SL5x75, SL6x38, SL6x100, SL8x150, SL9.5x200 (GO-THROUGH), SL3.2x75mm |

SPARE PARTS AVAILABLE





GO-THROUGH

## 53010

18,00€

0.72 | 5 | 20 | 560

### 20-IN-1 SCREWDRIVER SET WITH HANDLE AND INTERCHANGEABLE DOUBLE-ENDED BITS

| | | | |
|---|---|---|---|
| x2 | PH1, PH2 | x3 | T10x15, T20x25, T30x40 |
| x2 | 4x6, 5x7mm | x3 | H4x4, H5x5, H6x6mm |



## 54551

11,50€

0.22 | 12 | 24 | 480

### 6 IN 1 STUBBY RATCHET SCREWDRIVER



| | |
|---|---|
| x2 | 4, 5mm |
| x2 | PH1, PH2 |
| x2 | PZ1, PZ2 |



IN 12 UNITS DISPLAY CASE

## 54552

15,00€

0.30 | 12 | 24 | 288

### 12 IN 1 RATCHET SCREWDRIVER



| | |
|---|---|
| x3 | 4, 5, 6mm |
| x3 | PH1, PH2, PH3 |
| x3 | 3, 4, 5mm |
| x3 | T15, T20, T25 |



IN 12 UNITS DISPLAY CASE



## 6 PIECES SCREWDRIVER SETS

| REF. | | PCS | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54070 | | 2 PCS | PH1x80, PH2x100mm | 0.50 | - | 10 | 440 | 18,00€ |
| | | 4 PCS | SL6.5x150, SL5.5x125, SL4x100, SL3x80mm | | | | | |
| 54071 | | 3 PCS | PH3x150, PH2x100, PH1x75mm | 1.10 | - | 10 | 330 | 26,50€ |
| | | 3 PCS | SL8x150, SL6.5x100, SL5.5x75mm | | | | | |



54070

SPARE PARTS AVAILABLE

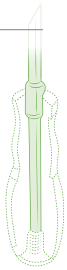




54071 I GO-THROUGH

SPARE PARTS AVAILABLE





## REVERSIBLE DOUBLE END SCREWDRIVERS

| REF. | | PCS | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54060 | | 2 PCS | SL6x150, PH2x150mm | 0.15 | 10 | 60 | 1500 | 6,00€ |
| 54061 | | 2 PCS | SL6x100, PH2x100mm | 0.10 | 10 | 60 | 1800 | 6,00€ |







54060







54061

## FLEXIBLE SCREWDRIVERS

| REF. | | PCS | " | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 52169 | | 4 PCS | 1/4" | 265mm | 6, 7, 8mm | 0.45 | 12 | 48 | 432 | 25,00€ |
| 52170 | | 7 PCS | 1/4" | 265mm | 4, 5, 6, 7, 8, 10mm | 0.27 | 12 | 48 | 864 | 16,00€ |
| 53575 | | 4 PCS | 1/4" | 500mm | 4, 5, 7mm | 0.40 | 10 | 40 | 480 | 16,00€ |



52169



52170



53575

**50902** 13,00€

0.70 | 6 | 36 | 576

## SET OF FLAT SCREWDRIVER HAMMER HEADS





| | | | | | |
|---|---|---|---|---|---|
| | 3" | 80mm | | 6" | 155mm |
| | 4" | 100mm | | 8" | 200mm |

**53225** 4,00€

0.10 | 12 | 96 | 2880

## MAGNETIZER/DEMAGNETIZER





## CIRCLIP PLIERS - STRAIGHT NOSE

| REF. | | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51018 | INTERNAL | 7" | 180mm | 0.14 | 5 | 100 | 2000 | 7,20€ |
| 52964 | | 9" | 225mm | 0.23 | 6 | 60 | 1440 | 9,45€ |
| 53549 | | 13" | 330mm | 0.45 | 5 | 30 | - | 14,80€ |
| 51017 | EXTERNAL | 7" | 180mm | 0.17 | 5 | 100 | 1800 | 6,90€ |
| 52966 | | 9" | 225mm | 0.28 | 6 | 60 | 1800 | 9,90€ |
| 53547 | | 13" | 330mm | 0.50 | 5 | 30 | - | 16,20€ |

## CIRCLIP PLIERS - 90 DEGREE BEND

| REF. | | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51021 | INTERNAL | 7" | 180mm | 0.16 | 5 | 100 | - | 7,20€ |
| 52965 | | 9" | 225mm | 0.24 | 6 | 60 | 1440 | 9,45€ |
| 53550 | | 13" | 330mm | 0.45 | 5 | 30 | - | 14,80€ |
| 51020 | EXTERNAL | 7" | 180mm | 0.13 | 5 | 100 | 1600 | 6,90€ |
| 52967 | | 9" | 225mm | 0.24 | 6 | 60 | 1440 | 9,90€ |
| 53548 | | 13" | 330mm | 0.50 | 5 | 30 | - | 16,20€ |





51018, 52964, 53549



51021, 52965, 53550



51017, 52966, 53547



51020, 52967, 53548

**15454** 35,40€

1.10 | - | 10 | 300

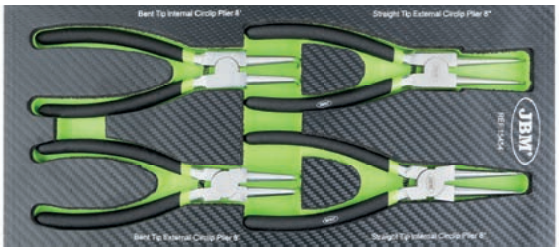
## MODULE OF 4 CIRCLIP PLIER (8" - 200MM)



INTERNAL



EXTERNAL



SPARE PARTS AVAILABLE



**53389** 34,00€

1.50 | - | 10 | 150

## CIRCLIP PLIER SET WITH 16 REPLACEMENT TIPS IN CASE



| | | |
|---|---|---|
| x4 | 0°, 15°, 45°, 90° | |
| x4 | 0°, 15°, 45°, 90° | |
| x2 | 260mm | |

**51812** 48,00€

1.65 | - | 10 | 240

## SET OF 5 PLIERS



SPARE PARTS AVAILABLE

| | | | | | |
|---|---|---|---|---|---|
| x1 | 160mm | x1 | 200mm | | |
| x1 | 160mm | x1 | 250mm | | |
| x1 | 180mm | | | | |

## SIDE CUTTER PLIERS

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53905 | 6" | 160mm | 0.20 | 6 | 60 | 1080 | 7,60€ |
| 53906 | 7" | 180mm | 0.20 | 6 | 60 | 1440 | 8,65€ |





## SIDE CUTTER PLIER

NEW DESIGN

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 55149 | 6" | 160mm | 0.25 | 6 | 60 | 1620 | 9,00€ |
| 54711 | 7" | 180mm | 0.25 | 6 | 60 | 1620 | 11,50€ |



NEW NEEDLE NOSE PLIERS

NEW DESIGN

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 54697 | 8" | 200mm | 0.21 | - | 50 | 3000 | 10,50€ |



## LONG NOSE PLIERS

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53908 | 6" | 160mm | 0.15 | 6 | 60 | 1440 | 7,80€ |
| 53909 | 8" | 200mm | 0.20 | 6 | 60 | 1440 | 9,90€ |





## LONG NOSE PLIER

NEW DESIGN

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 54709 | 8" | 200mm | 0.22 | 6 | 60 | 1620 | 10,50€ |





## COMBINATION PLIERS

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53911 | 6" | 160mm | 0.20 | 6 | 60 | 1080 | 9,00€ |
| 54015 | 7" | 180mm | 0.20 | 6 | 60 | 1440 | 10,20€ |
| 53967 | 8" | 200mm | 0.30 | 6 | 60 | 1440 | 11,00€ |





## COMBINATION PLIER

NEW DESIGN

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 54710 | 7" | 180mm | 0.25 | 6 | 60 | 1620 | 11,00€ |





## WATERPUMP PLIERS

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 50567 | 250mm | 40mm | 0.34 | 10 | 60 | 1500 | 9,60€ |
| 52052 | 515mm | 140mm | 1.88 | 2 | 10 | 400 | 57,00€ |





## EXTRA LONG PLIERS

| REF. | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52846 | 340mm | 85mm | 0° | 0.40 | 6 | 60 | 1500 | 37,80€ |
| 52847 | 335mm | 75mm | 45° | 0.40 | - | 60 | 1500 | 42,50€ |





## 52272

25,00€

1.10 | 5 | 10 | 270

### 3 PIECES LONG REACH PLIER SET 0°, 45°, 90°

| | | |
|---|---|---|
| | 0° | 280mm |
| | 45° | 275mm |
| | 90° | 270mm |





### CLIC-R COLLAR PLIERS

| REF. | | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 52619 | 20mm | 260mm | 0.55 | 6 | 36 | 648 | 23,10€ |
| 52812 | 34mm | 270mm | 0.85 | 10 | 20 | 360 | 65,00€ |





52619





52812

### HOSE CLAMP PLIERS

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 51995 | 47mm | 630mm | 0.53 | 5 | 40 | 480 | 24,50€ |
| 53390 | 50mm | 630mm | 1.00 | 10 | 20 | 480 | 34,50€ |





### HOSE CLIP PLIER

| REF. | | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 52508 | 0-38mm | 240mm | 0.37 | 10 | 50 | 800 | 41,00€ |
| 52509 | 22-55mm | 240mm | 0.39 | 10 | 50 | 800 | 38,50€ |





## 52050

98,00€

3.24 | - | 4 | 60

### 7 PIECE HOSE CLAMP PLIER SET IN CASE





SPARE PARTS AVAILABLE



## 53396 — 18,30€

0.50 | 5 | 50 | 450

### EXHAUST PIPE CLAMP PLIERS




310mm | 17-70mm

## 52791 — 18,00€

0.25 | 5 | 50 | 1800

### HOSE CLAMP PLIERS CLIC-R

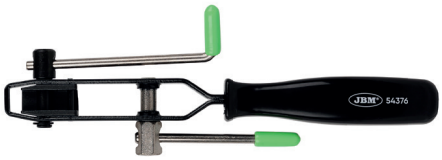



180mm | 40mm

## 54376 — 12,80€

0.27 | 5 | 20 | 540

### CV JOINT BANDING TOOL WITH CUTTER


215mm | 7-9mm | 17mm

## 54311 — 15,00€

0.30 | 5 | 20 | 880

### CV JOINT BOOT CLAMP PLIERS




250mm | 33mm

## 54330 — 13,70€

0.40 | 10 | 40 | -

### VALVE STEM SEAL PLIERS

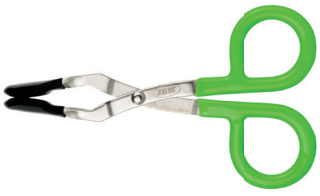



280mm | 125mm

## 54279 — 6,00€

0.50 | 5 | 50 | 2800

### BULB REMOVAL PLIERS

120mm | 50mm

## 54479 — 38,50€

0.63 | 5 | 10 | 400

### PLIERS FOR SELF LOCKING METAL BANDS




| | |
|---|---|
| **Clamp width** | 4.6-12mm |
| **Thickness of the clamp** | 0.2-0.4mm |

## 52412 — 5,90€

0.09 | 24 | 144 | 5760

### 9-IN-1 MULTI TOOL 105MM



| | |
|---|---|
| x2 | Screwdriver |
| x1 | Phillips screwdriver |
| x1 | Can opener |
| x1 | Bottle opener |
| x1 | 25mm lime |
| x1 | Saw with tape 40mm |
| x1 | Drop point blade 40mm |



## 51355 — 19,00€

0.45 | 5 | 50 | -

### WHEEL WEIGHT PLIER




240mm | 32mm

## 52625 — 9,00€

0.35 | 6 | 48 | 1824

### BRAKE SHOE SPRING PLIER




310mm | 195mm

## 52982 — 55,00€

1.60 | 4 | 8 | 384

### SET OF 3 EXTRA-LONG LOCKING PLIERS




340mm | 360mm | 370mm

## 53445 — 17,10€

0.35 | 12 | 48 | 576

### SET OF 3 FUEL LINE DISCONNECT PLIERS




5/16" Ø 8mm | 3/8" Ø 10mm | special application

FIAT, FORD, OPEL, PEUGEOT, RENAULT, CITROËN, VW

### SIDE CUTTER PLIERS

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 53411 | 130mm | 13mm | 0.05 | 12 | 120 | - | 5,00€ |
| 53412 | 78mm | 19mm | 0.05 | 12 | 120 | - | 4,00€ |


53411


53412

## 53487 — 18,50€

0.30 | 10 | 40 | 1280

### FUEL LINE PLIER




230mm | 70mm

## 51972 — 12,00€

0.25 | 10 | 100 | 800

### AUTOMATIC SELF ADJUSTING WIRE STRIPPER




170mm | 0.25~2.5mm2 | 0.5 - 6mm

## 52152 — 13,50€

0.08 | 12 | 96 | 1920

### CABLE CUTTER SCISSORS





145mm — 45mm

## 54698 — 12,50€

0.34 | - | 50 | 2000

NEW

### STRAIGHT SHEARS



210mm — 50mm

## NEW TIN SNIP

| REF. | CUTTING | CUTTING CAPACITY | CUTTING BLADE | LENGTH | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 54777 | STRAIGHT | 1,2mm | 36-38mm | 250mm | 0.42 | 5 | 20 | 1400 | 14,90€ |
| 54778 | RIGHT | 1,2mm | 36-38mm | 250mm | 0.42 | 5 | 20 | 1400 | 14,90€ |
| 54779 | LEFT | 1,2mm | 36-38mm | 250mm | 0.42 | 5 | 20 | 1400 | 14,90€ |



54777



54778



54779

## BOLT CUTTERS

| REF. | mm | ø | | | | | € |
|---|---|---|---|---|---|---|---|
| 52955 | 12" | 300mm | 0.77 | - | 10 | 200 | 22,00€ |
| 52956 | 14" | 350mm | 0.95 | - | 20 | 200 | 22,50€ |
| 52957 | 18" | 450mm | 1.47 | - | 10 | 360 | 25,50€ |
| 52958 | 24" | 600mm | 2.40 | - | 8 | 248 | 31,50€ |
| 52959 | 30" | 750mm | 3.78 | - | 5 | 100 | 45,50€ |
| 52960 | 36" | 900mm | 5.15 | - | 5 | 105 | 49,50€ |



## 53385 — 19,30€

0.15 | 6 | 54 | 1026

### TRIM CLIP REMOVER





170mm — 27mm

## 53976 — 9,70€

0.20 | 6 | 60 | 1440

### 6" 160MM RIGHT ANGLE MULTIFUNCTION PLIER





6" — 160mm — 50mm

## 16111 — 21,50€

0.61 | - | 10 | 200

### WIRE STRIPPER + TERMINAL EVA TRAY FOR CABINET

| | |
|---|---|
| | 220mm |
| | BV1.25 |
| | RV2-4 |
| | SV-2-4 |
| | MDD2-250 |
| | BV2 |
| | RV2-4L |
| | SV5.5-6 |
| | FDD2-250 |




## 52761 — 8,00€

0.25 | 12 | 72 | 1800

### CRIMPING TOOL FOR INSULATED AND NON-INSULATED TERMINALS 9"




| | | | |
|---|---|---|---|
| | 9" | 230mm | 38mm |

## 53932 — 8,00€

0.25 | 12 | 72 | 1296

### CRIMPING TOOL FOR INSULATED AND NON-INSULATED TERMINALS 9"




| | | | |
|---|---|---|---|
| | 9" | 230mm | 17,4mm |

## 52762 — 9,00€

0.25 | 12 | 72 | 1800

### CRIMPING TOOL FOR NON-INSULATED TERMINALS 8-3/4"



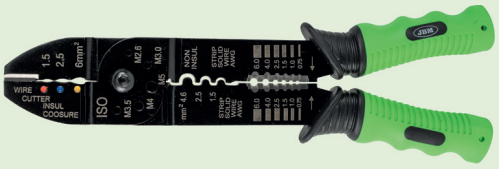

| | | | |
|---|---|---|---|
| | 8 - 3/4" | 230mm | 15,3mm |

## 54702 — 9,00€

0.23 | - | 50 | 2000

NEW

### ALICATES PELACABLES Y PARA TERMINALES 10"




| | | | |
|---|---|---|---|
| | 10" | 254mm | 42mm |

## 54254 — 43,00€

1.02 | 5 | 20 | 480

### CRIMPING PLIER RATCHET SET WITH 4 JAWS

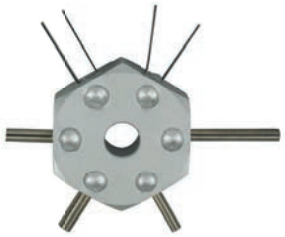
| | |
|---|---|
| | 9" |
| | PH2x100 |
| | 0,15-6mm² |
| | 10-35mm² |
| | 0,5-6mm² |
| | 0,5-10mm² |
| | 0,5-4mm² |



## 54112 — 18,00€

0.04 | 20 | 100 | 1800

### TERMINAL EXTRACTOR WITH 6 CONNECTORS



## 54142 — 15,20€

| 0.10 | 6 | 48 | 1152 |
|---|---|---|---|

### SET OF 6 NON-MARRING HOOK, PICK AND PRY BARS

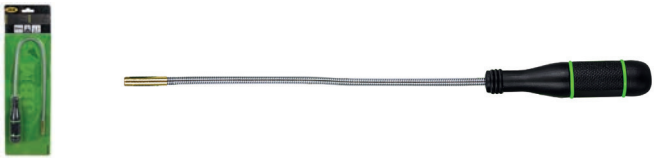


| | |
|---|---|
| x2 Hook tips | x2 Angled tips |
| x2 Straight tips | x6 Tips with levers |

## 51525 — 9,80€

| 0.14 | 10 | 60 | 960 |
|---|---|---|---|

### FLEXIBLE MAGNETIC PICK-UP TOOL



500mm

Ø 7mm

## 51526 — 9,80€

| 0.10 | 12 | 144 | 576 |
|---|---|---|---|

### FLEXIBLE 4-CLAW PICK-UP TOOL



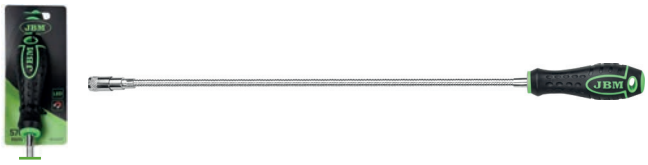
500mm

Ø 35mm

## 52473 — 9,90€

| 0.18 | 10 | 60 | 1080 |
|---|---|---|---|

### FLEXIBLE MAGNETIC PICK-UP TOOL WITH LED



545mm

Ø 15mm

## 51272 — 7,50€

| 0.05 | 12 | 72 | 1512 |
|---|---|---|---|

### MAGNETIC PICK-UP TOOL WITH LED



IN 12 UNITS
DISPLAY CASE

90-810mm

Ø 18mm

## 52472 — 4,90€

| 0.09 | - | 100 | 4320 |
|---|---|---|---|

### TELESCOPIC MAGNETIC PICK-UP TOOL



135-600mm

Ø 10mm

## 52468 — 5,90€

| 0.09 | 12 | 48 | 1536 |
|---|---|---|---|

### TELESCOPIC INSPECTION MIRROR



280-445mm

Ø 50mm

## 15706 — 32,00€

| 0.55 | - | 10 | 240 |
|---|---|---|---|

### MODULE OF 5 MAGNETIC PICK-UP TOOLS



## LOCKSMITH HAMMERS

| REF. | g | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 51674 | 505g | 330mm | 0.60 | 6 | 36 | 864 | 8,10€ |
| 52565 | 1000g | 365mm | 1.13 | 6 | 24 | 720 | 11,50€ |



## BALL-PEIN HAMMERS

| REF. | g | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 51504 | 454g | 320mm | 0.55 | 4 | 40 | 800 | 9,30€ |
| 51918 | 1000g | 360mm | 1.25 | 6 | 18 | 864 | 12,50€ |




## AXES

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 52460 | 410mm | 1.17 | 4 | 24 | 864 | 17,80€ |




## DEAD BLOW HAMMERS

| REF. | Kg | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 52180 | 1,35Kg | 355mm | 1.45 | 6 | 12 | 432 | 19,00€ |
| 52181 | 1,80Kg | 370mm | 1.81 | 6 | 12 | 300 | 22,50€ |
| 52183 | 2,20Kg | 405mm | 2.30 | 6 | 12 | 288 | 26,20€ |



## NYLON HAMMER

| REF. | ø | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 14303 | 35mm | 350mm | 3.95 | - | 50 | - | 12,00€ |



## SOFT FACED HAMMER - NYLON HEADS

| REF. | ø | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 52425 | 40mm | 310mm | 0.70 | 6 | 12 | 768 | 36,00€ |
| 52426 | 60mm | 420mm | 1.50 | 2 | 12 | 288 | 55,00€ |
| 52427 | 70mm | 480mm | 2.02 | 2 | 12 | 204 | 68,00€ |



## SLEDGE HAMMER FIBREGLASS SHAFTS

| REF. | Kg | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 52182 | 2Kg | 297mm | 2.20 | 6 | 12 | 504 | 24,00€ |
| 52184 | 4Kg | 880mm | 4.31 | - | 4 | 100 | 43,00€ |
| 52185 | 6Kg | 895mm | 6.97 | - | 4 | 72 | 60,00€ |
| 52186 | 8Kg | 900mm | 8.68 | - | 2 | 68 | 73,00€ |



## NEW PROFESSIONAL CLUB HAMMER

| REF. | g | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 54704 | 1100g | 260mm | 1.50 | 6 | 24 | 1440 | 24,00€ |




## NEW NYLON DEAD BLOW HAMMER

| REF. | g | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 54705 | 608g | 350mm | 0.50 | 6 | 24 | 384 | 18,50€ |



## NEW RUBBER MALLET

| REF. | g | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 55010 | 450g | 340mm | 0.60 | 5 | 20 | 400 | 10,50€ |



## 52831 — 18,00€

0.49 | - | 20 | 480

### HACKSAW

SPARE PARTS AVAILABLE






IN 10 UNITS DISPLAY CASE

| | |
|---|---|
| | 98x300mm |
| | 12" - 300mm (24T) |

## 54699 — 8,50€

0.15 | 12 | 72 | 2592

NEW

### MINI HAND SAW



| | |
|---|---|
| | 270mm |
| | 150mm |

## 52786 — 14,60€

0.16 | 12 | 60 | 2100

### FOLDING KNIFE WITH SEATBELT CUTTER & WINDOW BREAKING HAMMER

| | |
|---|---|
| | 200mm |
| | 80mm |






IN 12 UNITS DISPLAY CASE

## 54505 — 31,00€

0.70 | - | 20 | 360

### KNIFE AND SCRAPER SET

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | x5 | 12mm | | x5 | 19mm | x1 | 160mm |
| | x5 | 16mm | | x5 | 20mm | x1 | 150mm |
| | x5 | 16mm | | | | | |



SPARE PARTS AVAILABLE

## 52877 — 16,70€

0.43 | 6 | 48 | 624

### TUBE CUTTER SCISSORS 42MM



42mm

## 53517 — 9,50€

0.13 | 10 | 60 | 600

### TUBE CUTTERS 30MM



30mm

## 52878 — 11,20€

0.22 | 10 | 50 | 1500

### 3-32MM TUBE CUTTER



## 52879 — 10,70€

0.24 | 10 | 50 | 1500

### 3-35MM TUBE CUTTER



## 52885 — 18,80€

1.10 | 5 | 20 | 600

### SET OF 12 METRIC HOLLOW PUNCHES





3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 19mm

## 51909 — 2,50€

0.07 | 24 | 192 | 3456

### PROFESSIONAL CUTTER

SPARE PARTS AVAILABLE





IN 24 UNITS DISPLAY CASE

100x18mm

## 54331 — 29,50€

0.42 | 6 | 36 | 432

### SET OF 3 PROFESSIONAL CUTTERS

| | BLADE | | BLADE SIZE | LENGTH |
|---|---|---|---|---|
| A | x4 | | 60x19mm | 175mm |
| B | x1 | | 100x10mm | 160mm |
| C | x4 | | 60x19mm | 175mm |





SPARE PARTS AVAILABLE

## 54703 — 11,50€

0.12 | - | 100 | 2000

NEW

### AUTO CENTER PUNCH



160mm

### CHISEL WHITH HAND GRIP

| REF. | mm | Kg | sub | | | € |
|---|---|---|---|---|---|---|
| 53120 | 150mm | 0.35 | 6 | 24 | 1200 | 6,00€ |
| 53121 | 250mm | 0.55 | 6 | 24 | 864 | 8,50€ |
| 53122 | 350mm | 0.90 | 6 | 12 | 720 | 9,50€ |



## 53083 — 64,00€

1.04 | - | 10 | 960

### SET OF 4 CHISELS



18x125, 21x150, 26x200, 29x250mm

## 54089 — 19,60€

0.50 | 10 | 40 | 2240

### SET OF 5 LONG COLD CHISELS



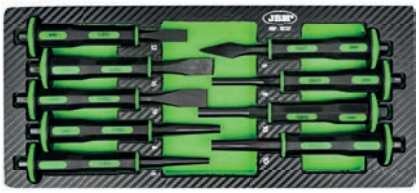
SPARE PARTS AVAILABLE

10x155, 11x155, 12x155, 14x155, 16x155mm

## 15737 — 48,50€

1.70 | - | 10 | 200

### MODULE OF 9 CHISEL AND PIN PUNCHES



## 53095 — 20,50€

0.75 | 6 | 24 | 1440

### SET OF 6 PARALLEL PIN PUNCHES



3, 4, 5, 6, 7, 8mm

## 54099 — 14,70€

0.45 | 10 | 40 | 2240

### SET OF 5 PARALLEL PIN PUNCHES



4, 5, 6, 7, 8mm

## 52049 — 14,00€

0.40 | 10 | 40 | 3840

### SET OF 5 CENTER PUNCHES



3, 4, 5, 6, 7mm

## 53993 — 85,00€

1.95 | 5 | 10 | 240

### SWIVEL HEAD HAND RIVETER

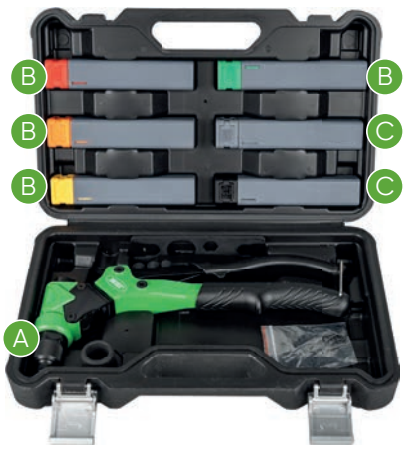



| | | | | | |
|---|---|---|---|---|---|
| A | x1 | 360° | D | x4 | 3/32", 1/8", 5/32", 3/16" |
| B | x4 | M3x0.5, M4x0.7, M5x0.8, M6x1 | E | x3 | M4x0.7, M5x0.8, M6x1 |
| C | x4 | M3x0.5, M4x0.7, M5x0.8, M6x1 | F | x3 | 5.5x8.5, 12x17, 15x19mm |

## 54585 — 87,00€

1.99 | - | 6 | 150

### MULTIFUNCTION ARTICULATED RIVETER




VIDEO TUTORIAL

| | | |
|---|---|---|
| A | x1 | 275mm - 360° |
| B | x4 | M3, M4, M5, M6 |
| C | x2 | Adapters |

## 52595

66,00€

1.30 | - | 10 | 280

### NUT RIVETER KIT 200MM / 8"



| | |
|---|---|
| | 8" - 200mm |
| | M3, M4, M5, M6 |

## 52462

25,30€

0.55 | 5 | 30 | 600

### COMPACT RIVETER 200MM / 8"



| | |
|---|---|
| | 8" - 200mm |
| | 2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32"), 4.8mm (3/16") |

## 52597

146,00€

3.25 | - | 5 | 80

### AUTOMATIC RIVET NUT GUN 440MM / 17"



| | |
|---|---|
| | 17" - 440mm |
| | M3, M4, M5, M6, M8, M10, M12 |

## 52596

114,00€

3.07 | - | 5 | 80

### TWO-HANDED RIVET NUT GUN 400MM / 16"



| | |
|---|---|
| | 16" - 400mm |
| | M3, M4, M5, M6, M8, M10, M12 |

## 52463

28,50€

0.74 | 5 | 20 | 240

### TWO-HANDED RIVETER 300MM / 12"



| | |
|---|---|
| | 12" - 300mm |
| | 3.2mm (1/8"), 4.0mm (5/32"), 4.8mm (3/16") |

## 52464

42,00€

1.25 | 5 | 10 | 180

### TWO-HANDED RIVETER 400MM / 16"



| | |
|---|---|
| | 16" - 400mm |
| | 2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32"), 4.8mm (3/16"), 6.4mm (1/4") |

## 13667

24,00€

0.83 | - | 10 | 240

### RIVETING PLIERS EVA TRAY FOR CABINET



## SPARE PART FOR 52595, 52596, 52597

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 13226 | | M3 | 0.03 | - | 100 | 14999 | 6,40€ |
| 13227 | | M4 | 0.04 | - | 100 | - | 6,40€ |
| 13228 | | M5 | 0.04 | 20 | 100 | - | 6,40€ |
| 13229 | | M6 | 0.04 | 20 | 100 | - | 6,40€ |

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 13230 | | M8 | 0.04 | - | 200 | - | 6,40€ |
| 13231 | | M10 | 0.05 | - | 100 | - | 6,40€ |
| 13232 | | M12 | 0.05 | - | 100 | - | 6,40€ |



13226 | 13227 | 13228 | 13229 | 13230 | 13231 | 13232

## 53331

34,00€

0.80 | 5 | 20 | 280

### QUICK ACTION HAND RIVETER 250MM / 10"



| | |
|---|---|
| | 10" - 250mm |
| | 2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32"), 4.8mm (3/16"), 6.4mm (1/4") |

## 53332

37,00€

1.65 | 5 | 10 | 280

### LAZY TONG RIVETER 200MM / 8"



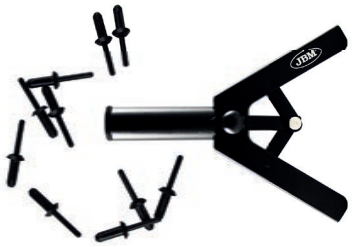
| | |
|---|---|
| | 8" - 200mm |
| | 2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32"), 4.8mm (3/16"), 6.4mm (1/4") |

## 52609

29,00€

0.45 | 5 | 20 | 240

### RIVETER WITH PLASTIC RIVETS





SPARE PARTS AVAILABLE

| | |
|---|---|
| | Ø 6.6x17.2, 6.3x25.2, 5x17.2, 5x15.8mm |

## 52575

119,00€

| 1.75 | 5 | 10 | 120 |
|---|---|---|---|

## AIR RIVETER

| | |
|---|---|
| **Air intake** | 1/4" |
| **Adapters** | 3/16", 5/32", 1/8", 3/32" |
| **Real air consumption** | 0,03CFM (0,86L/min) |
| **Traction** | 720,00Kg |
| **Maximum torque** | 23-69Nm |
| **Weight** | 1,75Kg |
| **Dimensions (LxWxH)** | 85x175x280mm |

SPARE PARTS AVAILABLE







## MEASURING TAPE

| REF. | m | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53025 | 3m | 16mm | 0.13 | 12 | 48 | 2016 | 3,50€ |
| 53026 | 5m | 22mm | 0.26 | 12 | 48 | 3024 | 5,80€ |
| 53027 | 7.5m | 25mm | 0.40 | 12 | 48 | 1500 | 9,00€ |







IN 12 UNITS DISPLAY CASE

## ALUMINIUM LEVEL

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 53613 | 500mm | 0.55 | 5 | 30 | 1260 | 20,50€ |
| 53614 | 600mm | 0.60 | 5 | 30 | 840 | 23,50€ |
| 53615 | 800mm | 0.85 | 5 | 20 | 600 | 37,00€ |





SPARE PARTS AVAILABLE

## MAGNETIC TUBULAR LEVEL

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 53616 | 500mm | 0.30 | 5 | 60 | 1260 | 10,60€ |
| 53617 | 600mm | 0.30 | 5 | 60 | 840 | 11,10€ |
| 53618 | 800mm | 0.35 | 5 | 30 | 600 | 15,10€ |





SPARE PARTS AVAILABLE

## 54700

3,00€

| 0.02 | - | 100 | 2000 |
|---|---|---|---|

NEW

## STAINLESS STEEL STRAIGHT RULER 30CM



## 54701

6,50€

| 0.06 | - | 100 | 2000 |
|---|---|---|---|

NEW

## STAINLESS STEEL PROTRACTOR



**52433** 4,80€

0.10 | 10 | 50 | 1820

## 20 METRIC BLADE FEELER GAUGE 0.05-1.0MM





0.05-1.0mm

**52638** 10,70€

0.35 | 5 | 50 | 1800

## LEATHER PUNCH PLIERS





Ø 2, 2.5, 3, 3.5, 4, 4.5mm

**52904** 61,00€

2.00 | - | 5 | 195

## DIAL TEST INDICATOR GAUGE SET

SPARE PARTS AVAILABLE

0-10mm



## VERNIER CALIPER

| REF. | mm | | | | | | € |
|---|---|---|---|---|---|---|---|
| 50724 | 150mm | Digital | 0.30 | 10 | 50 | 1200 | 28,00€ |
| 50937 | 150mm | Vernier | 0.24 | 10 | 50 | 1500 | 10,50€ |



50724



50937

## TYRE TREAD DEPTH GAUGE

| REF. | mm | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52873 | 0-40mm | Vernier | 0.04 | 5 | 300 | 1500 | 11,60€ |
| 53042 | 0-25,4mm | Digital | 0.05 | 10 | 100 | 2000 | 9,90€ |



52873



53042

## TORQUE ANGLE GAUGE

| REF. | " | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52583 | 1/2" | Non-magnetized | 0.20 | 4 | 48 | 576 | 8,50€ |
| 52794 | 1/2" | Magnetic | 0.48 | 6 | 24 | 288 | 28,00€ |



52583



52794

## 51951 — 15,60€

0.42 | 5 | 20 | 480

### SET OF 3 STEEL SCRAPERS



39, 65, 75mm

## 53339 — 9,50€

0.25 | 10 | 40 | 480

### SET OF 4 BODY FILLER APPLICATORS



2, 3, 4, 6”

## 53589 — 15,00€

0.55 | 10 | 40 | 17300

### 3-IN-1HEAVY DUTY STAPLER



4-14mm/10-12mm/10-14mm

## 52700 — 20,50€

0.95 | 6 | 12 | 480

### FLARING TOOL / PIPE BENDER / TUBE KIT



3/16, 1/4, 5/16, 3/8, 1/2”

## 51853 — 18,00€

0.90 | 5 | 20 | 400

### SET OF 5 STEEL FILES



8” - 310mm

## 52905 — 28,00€

0.50 | 10 | 30 | 360

### 6-8-10MM TUBE BENDER



270mm | 6, 8, 10mm

## 52760 — 4,10€

0.09 | 6 | 120 | 1440

### WIRE SCRATCH BRUSH



290mm

Steel

## 52515 — 9,10€

0.14 | 6 | 72 | 720

### SET OF 3 BRAKE CALIPER BRUSHES



225mm

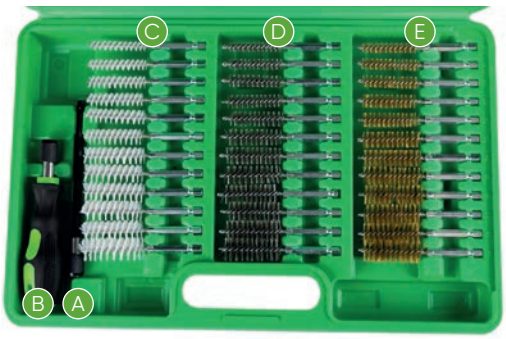
Brass, nylon and steel

## 51989 — 49,50€

1.64 | - | 10 | 140

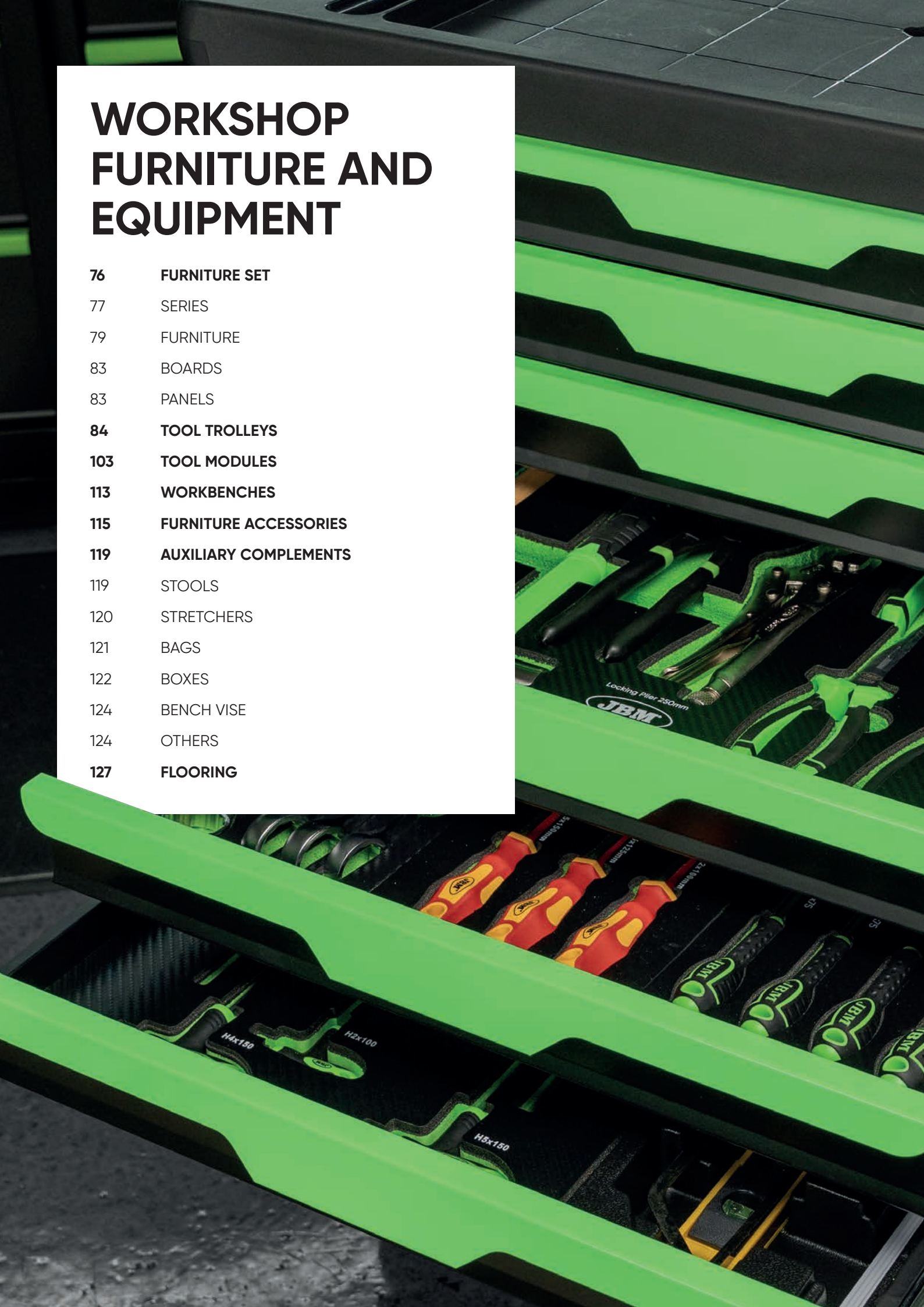
### SET OF 38 WIRE AND PLASTIC BRUSHES

| | | |
|---|---|---|
| A | x1 | |
| B | x1 | 1/4” |
| C | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| D | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| E | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |



# WORKSHOP FURNITURE AND EQUIPMENT


| | |
|---|---|
| **76** | **FURNITURE SET** |
| 77 | SERIES |
| 79 | FURNITURE |
| 83 | BOARDS |
| 83 | PANELS |
| **84** | **TOOL TROLLEYS** |
| **103** | **TOOL MODULES** |
| **113** | **WORKBENCHES** |
| **115** | **FURNITURE ACCESSORIES** |
| **119** | **AUXILIARY COMPLEMENTS** |
| 119 | STOOLS |
| 120 | STRETCHERS |
| 121 | BAGS |
| 122 | BOXES |
| 124 | BENCH VISE |
| 124 | OTHERS |
| **127** | **FLOORING** |

## New range of workshop furniture

### Modular system

Create your work environment from scratch, adapting it to your space and needs with multiple combinations of our furniture





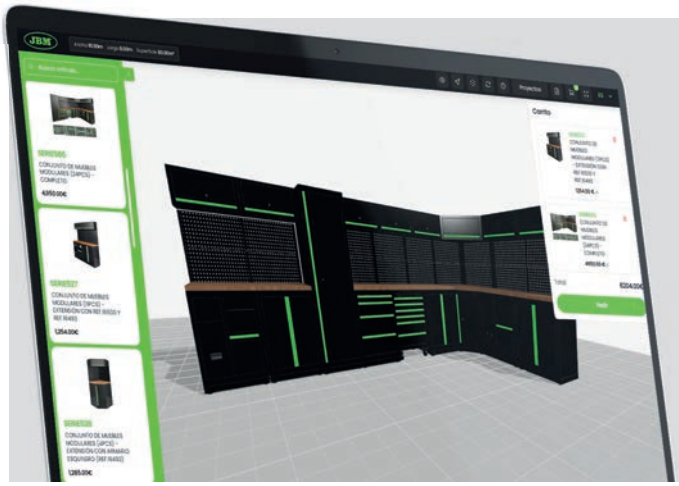
## The color of your brand, now on your tool trolley

You can easily and quickly customize your set to match your workshop's corporate colors. A practical personalization method that helps you maintain a professional and consistent image in your workspace.

## If you already have our furniture sets,

Don't worry – we have prepared handle sets for each SERIES as well as for each individual module. You just need to choose the color you like most and provide us with the reference, so we can prepare your order. This way, you can personalize the product and adapt it to your workshop's style, keeping a consistent visual identity.





## JBM Configurator

At JBM, we offer a web platform that allows you to design and customize your furniture through a complete 3D model with real-time visualization. As you configure each element, the system automatically generates a full render of the space with all selected furniture and a detailed list of the products required for its construction. As a result, you obtain an accurate, up-to-date quote fully aligned with your design.

## SERIE565 — 4.950,00€

584.70 | - | - | -

NEW

SERIE565

SPARE PARTS AVAILABLE

## SERIE587 — 5.645,00€

661.70 | - | - | -

NEW

SERIE587

SPARE PARTS AVAILABLE



### SERIE565

**SET OF FURNITURE IN COLORS**

| REF. | € | REF. | € |
|---|---|---|---|
| SERIE565R | 5.120,00€ | SERIE565G | 5.120,00€ |
| SERIE565B | 5.120,00€ | SERIE565P | 5.120,00€ |
| SERIE565Y | 5.120,00€ | SERIE565K | 5.120,00€ |
| SERIE565O | 5.120,00€ | SERIE565S | 5.120,00€ |

**CABINET PULL HANDLE SET**

| REF. | € | REF. | € |
|---|---|---|---|
| 18037 | 209,00€ | 18041 | 209,00€ |
| 18038 | 209,00€ | 18042 | 209,00€ |
| 18039 | 209,00€ | 18043 | 209,00€ |
| 18040 | 209,00€ | 18044 | 209,00€ |

### SERIE587

**SET OF FURNITURE IN COLORS**

| REF. | € | REF. | € |
|---|---|---|---|
| SERIE587R | 5.815,00€ | SERIE587G | 5.815,00€ |
| SERIE587B | 5.815,00€ | SERIE587P | 5.815,00€ |
| SERIE587Y | 5.815,00€ | SERIE587K | 5.815,00€ |
| SERIE587O | 5.815,00€ | SERIE587S | 5.815,00€ |

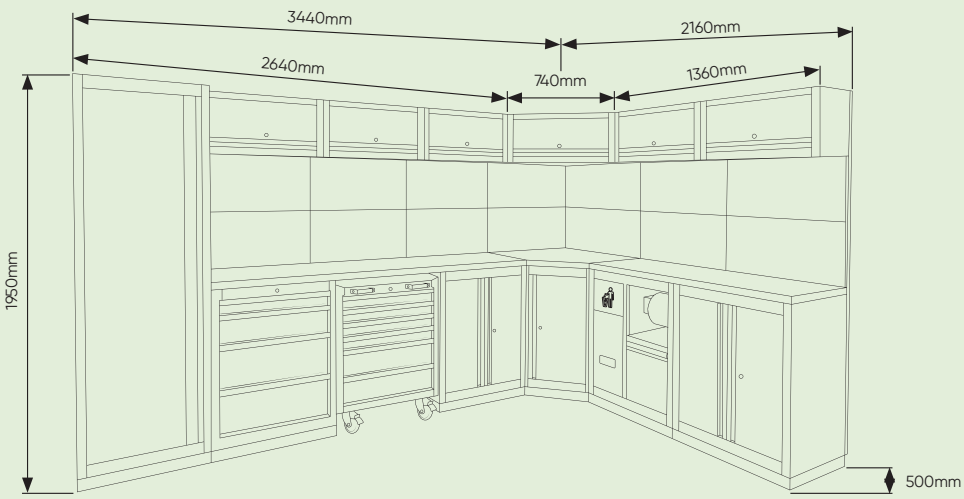
**IT CONTAINS**

## 53708 — 325,00€

15.20 | - | 1 | 20

## SET OF 4 EVA CARBON MODULES FOR TOOL TROLLEY





## SERIE446

2.350,00€

318.00 - - -

NEW

SERIE446

SPARE PARTS AVAILABLE

## SERIE588

2.598,00€

351.20 - - -

NEW

SERIE588

SPARE PARTS AVAILABLE




### SERIE446

**SET OF FURNITURE IN COLORS**

| REF. | € | REF. | € |
|---|---|---|---|
| SERIE446R | 2.393,00€ | SERIE446G | 2.393,00€ |
| SERIE446B | 2.393,00€ | SERIE446P | 2.393,00€ |
| SERIE446Y | 2.393,00€ | SERIE446K | 2.393,00€ |
| SERIE446O | 2.393,00€ | SERIE446S | 2.393,00€ |

**CABINET PULL HANDLE SET**

| REF. | € | REF. | € |
|---|---|---|---|
| 17849 | 154,00€ | 17853 | 154,00€ |
| 17850 | 154,00€ | 17854 | 154,00€ |
| 17851 | 154,00€ | 17954 | 154,00€ |
| 17852 | 154,00€ | 17955 | 154,00€ |

### SERIE588

**SET OF FURNITURE IN COLORS**

| REF. | € | REF. | € |
|---|---|---|---|
| SERIE588R | 2.631,00€ | SERIE588G | 2.631,00€ |
| SERIE588B | 2.631,00€ | SERIE588P | 2.631,00€ |
| SERIE588Y | 2.631,00€ | SERIE588K | 2.631,00€ |
| SERIE588O | 2.631,00€ | SERIE588S | 2.631,00€ |

**IT CONTAINS**

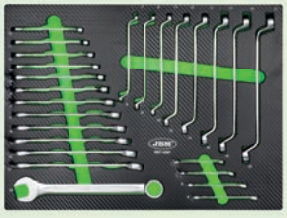
## 53708

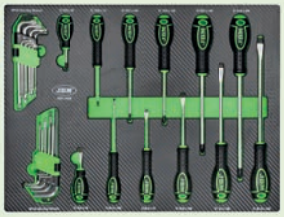
325,00€

15.20 - 1 20

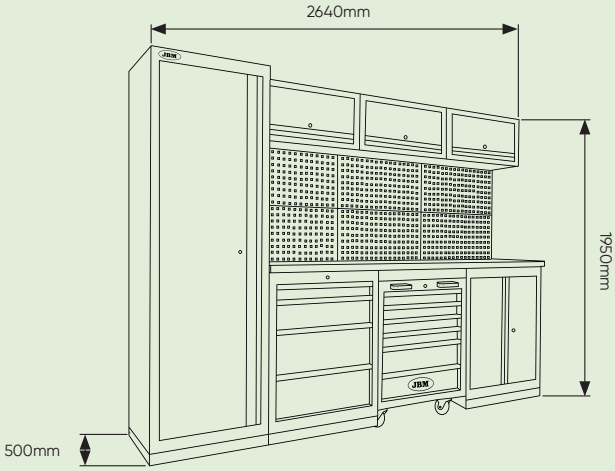
## SET OF 4 EVA CARBON MODULES FOR TOOL TROLLEY













## 16500

463,00€

33.60 | - | 1 | 4 | 900mm | 680mm | 500mm

# 2-DOOR CABINET

**COLORED FURNITURE**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 16500R | ● | 33.95 | - | 1 | 4 | 470,00€ |
| 16500B | ● | 33.95 | - | 1 | 4 | 470,00€ |
| 16500Y | ● | 33.95 | - | 1 | 4 | 470,00€ |
| 16500O | ● | 33.95 | - | 1 | 4 | 470,00€ |
| 16500G | ● | 33.95 | - | 1 | 4 | 470,00€ |
| 16500P | ● | 33.95 | - | 1 | 4 | 470,00€ |
| 16500K | ● | 33.95 | - | 1 | 4 | 470,00€ |
| 16500S | ● | 33.95 | - | 1 | 4 | 470,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 17797 | ● | 0.36 | - | 25 | 625 | 17,75€ |
| 17798 | ● | 0.36 | - | 25 | 625 | 17,75€ |
| 17799 | ● | 0.36 | - | 25 | 625 | 17,75€ |
| 17800 | ● | 0.36 | - | 25 | 625 | 17,75€ |
| 17801 | ● | 0.36 | - | 25 | 625 | 17,75€ |
| 17802 | ● | 0.36 | - | 25 | 625 | 17,75€ |
| 17958 | ● | 0.36 | - | 25 | 625 | 17,75€ |
| 17959 | ● | 0.36 | - | 25 | 625 | 17,75€ |



SPARE PARTS AVAILABLE

## 16627

537,00€

44.50 | - | 1 | 4 | 900mm | 680mm | 500mm

# 4-DRAWER CABINET

**COLORED FURNITURE**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 16627R | ● | 44.94 | - | 1 | 4 | 547,00€ |
| 16627B | ● | 44.94 | - | 1 | 4 | 547,00€ |
| 16627Y | ● | 44.94 | - | 1 | 4 | 547,00€ |
| 16627O | ● | 44.94 | - | 1 | 4 | 547,00€ |
| 16627G | ● | 44.94 | - | 1 | 4 | 547,00€ |
| 16627P | ● | 44.94 | - | 1 | 4 | 547,00€ |
| 16627K | ● | 44.94 | - | 1 | 4 | 547,00€ |
| 16627S | ● | 44.94 | - | 1 | 4 | 547,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 17803 | ● | 0.44 | - | 25 | 375 | 31,00€ |
| 17804 | ● | 0.44 | - | 25 | 375 | 31,00€ |
| 17805 | ● | 0.44 | - | 25 | 375 | 31,00€ |
| 17806 | ● | 0.44 | - | 25 | 375 | 31,00€ |
| 17807 | ● | 0.44 | - | 25 | 375 | 31,00€ |
| 17808 | ● | 0.44 | - | 25 | 375 | 31,00€ |
| 17962 | ● | 0.44 | - | 25 | 375 | 31,00€ |
| 17963 | ● | 0.44 | - | 25 | 375 | 31,00€ |



SPARE PARTS AVAILABLE

## 16628

594,00€

49.00 | - | 1 | 4 | 800mm | 670mm | 460mm

# 6-DRAWER CABINET




SPARE PARTS AVAILABLE

**COLORED FURNITURE**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 16628R | ● | 49.63 | - | 1 | 4 | 607,00€ |
| 16628B | ● | 49.63 | - | 1 | 4 | 607,00€ |
| 16628Y | ● | 49.63 | - | 1 | 4 | 607,00€ |
| 16628O | ● | 49.63 | - | 1 | 4 | 607,00€ |
| 16628G | ● | 49.63 | - | 1 | 4 | 607,00€ |
| 16628P | ● | 49.63 | - | 1 | 4 | 607,00€ |
| 16628K | ● | 49.63 | - | 1 | 4 | 607,00€ |
| 16628S | ● | 49.63 | - | 1 | 4 | 607,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 17809 | ● | 0.63 | - | 25 | 250 | 49,25€ |
| 17810 | ● | 0.63 | - | 25 | 250 | 49,25€ |
| 17811 | ● | 0.63 | - | 25 | 250 | 49,25€ |
| 17812 | ● | 0.63 | - | 25 | 250 | 49,25€ |
| 17813 | ● | 0.63 | - | 25 | 250 | 49,25€ |
| 17814 | ● | 0.63 | - | 25 | 250 | 49,25€ |
| 17964 | ● | 0.63 | - | 25 | 250 | 49,25€ |
| 17965 | ● | 0.63 | - | 25 | 250 | 49,25€ |

## 16493

463,00€

41.20 | - | 1 | 2 | 900mm | 680mm | 500mm

# CABINET WITH 3 DRAWERS WITH PAPER REEL HOLDER



SPARE PARTS AVAILABLE

**COLORED FURNITURE**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 16493R | ● | 41.31 | - | 1 | 2 | 466,00€ |
| 16493B | ● | 41.31 | - | 1 | 2 | 466,00€ |
| 16493Y | ● | 41.31 | - | 1 | 2 | 466,00€ |
| 16493O | ● | 41.31 | - | 1 | 2 | 466,00€ |
| 16493G | ● | 41.31 | - | 1 | 2 | 466,00€ |
| 16493P | ● | 41.31 | - | 1 | 2 | 466,00€ |
| 16493K | ● | 41.31 | - | 1 | 2 | 466,00€ |
| 16493S | ● | 41.31 | - | 1 | 2 | 466,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 17815 | ● | 0.11 | - | 25 | 1250 | 9,00€ |
| 17816 | ● | 0.11 | - | 25 | 1250 | 9,00€ |
| 17817 | ● | 0.11 | - | 25 | 1250 | 9,00€ |
| 17818 | ● | 0.11 | - | 25 | 1250 | 9,00€ |
| 17819 | ● | 0.11 | - | 25 | 1250 | 9,00€ |
| 17820 | ● | 0.11 | - | 25 | 1250 | 9,00€ |
| 17974 | ● | 0.11 | - | 25 | 1250 | 9,00€ |
| 17975 | ● | 0.11 | - | 25 | 1250 | 9,00€ |

## 16492

675,00€

59.40 | - | 1 | 1 | 940mm | 800mm | 500mm

# CORNER CABINET WITH MDF BOARD



SPARE PARTS AVAILABLE

**COLORED FURNITURE**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 16492R | ● | 59.65 | - | 1 | 1 | 678,00€ |
| 16492B | ● | 59.65 | - | 1 | 1 | 678,00€ |
| 16492Y | ● | 59.65 | - | 1 | 1 | 678,00€ |
| 16492O | ● | 59.65 | - | 1 | 1 | 678,00€ |
| 16492G | ● | 59.65 | - | 1 | 1 | 678,00€ |
| 16492P | ● | 59.65 | - | 1 | 1 | 678,00€ |
| 16492K | ● | 59.65 | - | 1 | 1 | 678,00€ |
| 16492S | ● | 59.65 | - | 1 | 1 | 678,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 17821 | ● | 0.25 | - | 25 | 625 | 10,50€ |
| 17822 | ● | 0.25 | - | 25 | 625 | 10,50€ |
| 17823 | ● | 0.25 | - | 25 | 625 | 10,50€ |
| 17824 | ● | 0.25 | - | 25 | 625 | 10,50€ |
| 17825 | ● | 0.25 | - | 25 | 625 | 10,50€ |
| 17826 | ● | 0.25 | - | 25 | 625 | 10,50€ |
| 17966 | ● | 0.25 | - | 25 | 625 | 10,50€ |
| 17967 | ● | 0.25 | - | 25 | 625 | 10,50€ |

## 18103

789,00€

38.00 - 1 4

949mm 680mm 500mm

NEW

### CABINET WITH INTEGRATED SINK



SPARE PARTS AVAILABLE

**COLORED FURNITURE**

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 18103R | ● | 38.35 | - | 1 | 4 | 840,00€ |
| 18103B | ● | 38.35 | - | 1 | 4 | 840,00€ |
| 18103Y | ● | 38.35 | - | 1 | 4 | 840,00€ |
| 18103O | ● | 38.35 | - | 1 | 4 | 840,00€ |
| 18103G | ● | 38.35 | - | 1 | 4 | 840,00€ |
| 18103P | ● | 38.35 | - | 1 | 4 | 840,00€ |
| 18103K | ● | 38.35 | - | 1 | 4 | 840,00€ |
| 18103S | ● | 38.35 | - | 1 | 4 | 840,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 18189 | ● | 0.36 | - | 25 | 625 | 19,50€ |
| 18190 | ● | 0.36 | - | 25 | 625 | 19,50€ |
| 18191 | ● | 0.36 | - | 25 | 625 | 19,50€ |
| 18192 | ● | 0.36 | - | 25 | 625 | 19,50€ |
| 18193 | ● | 0.36 | - | 25 | 625 | 19,50€ |
| 18194 | ● | 0.36 | - | 25 | 625 | 19,50€ |
| 18195 | ● | 0.36 | - | 25 | 625 | 19,50€ |
| 18196 | ● | 0.36 | - | 25 | 625 | 19,50€ |

## 18105

1.148,00€

102.20 - 1 1

1950mm 1050mm 620mm

NEW

### TWO-DOOR TALL CABINET



SPARE PARTS AVAILABLE

**COLORED FURNITURE**

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 18105R | ● | 85.60 | - | 1 | 1 | 1.186,00€ |
| 18105B | ● | 85.60 | - | 1 | 1 | 1.186,00€ |
| 18105Y | ● | 85.60 | - | 1 | 1 | 1.186,00€ |
| 18105O | ● | 85.60 | - | 1 | 1 | 1.186,00€ |
| 18105G | ● | 85.60 | - | 1 | 1 | 1.186,00€ |
| 18105P | ● | 85.60 | - | 1 | 1 | 1.186,00€ |
| 18105K | ● | 85.60 | - | 1 | 1 | 1.186,00€ |
| 18105S | ● | 85.60 | - | 1 | 1 | 1.186,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 18179 | ● | 1.10 | - | 25 | 100 | 38,00€ |
| 18180 | ● | 1.10 | - | 25 | 100 | 38,00€ |
| 18181 | ● | 1.10 | - | 25 | 100 | 38,00€ |
| 18182 | ● | 1.10 | - | 25 | 100 | 38,00€ |
| 18183 | ● | 1.10 | - | 25 | 100 | 38,00€ |
| 18184 | ● | 1.10 | - | 25 | 100 | 38,00€ |
| 18185 | ● | 1.10 | - | 25 | 100 | 38,00€ |
| 18186 | ● | 1.10 | - | 25 | 100 | 38,00€ |

## 16490

650,00€

56.20 - 1 6

1890mm 600mm 500mm

### TALL CABINET



SPARE PARTS AVAILABLE

**COLORED FURNITURE**

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 16490R | ● | 56.75 | - | 1 | 6 | 660,00€ |
| 16490B | ● | 56.75 | - | 1 | 6 | 660,00€ |
| 16490Y | ● | 56.75 | - | 1 | 6 | 660,00€ |
| 16490O | ● | 56.75 | - | 1 | 6 | 660,00€ |
| 16490G | ● | 56.75 | - | 1 | 6 | 660,00€ |
| 16490P | ● | 56.75 | - | 1 | 6 | 660,00€ |
| 16490K | ● | 56.75 | - | 1 | 6 | 660,00€ |
| 16490S | ● | 56.75 | - | 1 | 6 | 660,00€ |

**CABINET PULL HANDLE SET**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 17827 | ● | 0.59 | - | 25 | - | 34,50€ |
| 17828 | ● | 0.59 | - | 25 | - | 34,50€ |
| 17829 | ● | 0.59 | - | 25 | - | 34,50€ |
| 17830 | ● | 0.59 | - | 25 | - | 34,50€ |
| 17831 | ● | 0.59 | - | 25 | - | 34,50€ |
| 17832 | ● | 0.59 | - | 25 | - | 34,50€ |
| 17968 | ● | 0.59 | - | 25 | - | 34,50€ |
| 17969 | ● | 0.59 | - | 25 | - | 34,50€ |



## 16494 — 149,00€

10.40 kg | - dm³ | 1 | 9 | 340mm | 680mm | 280mm

# WALL CABINET





### COLORED FURNITURE

| REF. | kg | dm³ | | | € |
|---|---|---|---|---|---|
| 16494R | 10.60 | - | 1 | 9 | 143,00€ |
| 16494B | 10.60 | - | 1 | 9 | 143,00€ |
| 16494Y | 10.60 | - | 1 | 9 | 143,00€ |
| 16494O | 10.60 | - | 1 | 9 | 143,00€ |
| 16494G | 10.60 | - | 1 | 9 | 143,00€ |
| 16494P | 10.60 | - | 1 | 9 | 143,00€ |
| 16494K | 10.60 | - | 1 | 9 | 143,00€ |
| 16494S | 10.60 | - | 1 | 9 | 143,00€ |

### CABINET PULL HANDLE SET

| REF. | kg | dm³ | | | € |
|---|---|---|---|---|---|
| 17833 | 0.20 | - | 25 | 625 | 10,50€ |
| 17834 | 0.20 | - | 25 | 625 | 10,50€ |
| 17835 | 0.20 | - | 25 | 625 | 10,50€ |
| 17836 | 0.20 | - | 25 | 625 | 10,50€ |
| 17837 | 0.20 | - | 25 | 625 | 10,50€ |
| 17838 | 0.20 | - | 25 | 625 | 10,50€ |
| 17972 | 0.20 | - | 25 | 625 | 10,50€ |
| 17973 | 0.20 | - | 25 | 625 | 10,50€ |

SPARE PARTS AVAILABLE

## 16491 — 298,00€

22.00 kg | - dm³ | 1 | 4 | 340mm | 740mm | 280mm

# CORNER WALL CABINET





### COLORED FURNITURE

| REF. | kg | dm³ | | | € |
|---|---|---|---|---|---|
| 16491R | 22.20 | - | 1 | 4 | 299,00€ |
| 16491B | 22.20 | - | 1 | 4 | 299,00€ |
| 16491Y | 22.20 | - | 1 | 4 | 299,00€ |
| 16491O | 22.20 | - | 1 | 4 | 299,00€ |
| 16491G | 22.20 | - | 1 | 4 | 299,00€ |
| 16491P | 22.20 | - | 1 | 4 | 299,00€ |
| 16491K | 22.20 | - | 1 | 4 | 299,00€ |
| 16491S | 22.20 | - | 1 | 4 | 299,00€ |

### CABINET PULL HANDLE SET

| REF. | kg | dm³ | | | € |
|---|---|---|---|---|---|
| 17839 | 0.22 | - | 25 | 625 | 11,00€ |
| 17840 | 0.22 | - | 25 | 625 | 11,00€ |
| 17841 | 0.22 | - | 25 | 625 | 11,00€ |
| 17842 | 0.22 | - | 25 | 625 | 11,00€ |
| 17843 | 0.22 | - | 25 | 625 | 11,00€ |
| 17844 | 0.22 | - | 25 | 625 | 11,00€ |
| 17970 | 0.22 | - | 25 | 625 | 11,00€ |
| 17971 | 0.22 | - | 25 | 625 | 11,00€ |

SPARE PARTS AVAILABLE

## NEW BOARDS

| REF. | DIMENSIONS | MATERIAL | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 16497 | 680x500x40mm | Wood | Designed to cover 1 module | 9.80 | - | 1 | 22 | 77,00€ |
| 16496 | 1360x500x40mm | Wood | Designed to cover 2 modules | 18.45 | - | 1 | 19 | 127,00€ |
| 16629 | 2040x500x40mm | Wood | Designed to cover 3 modules | 27.80 | - | 1 | 20 | 185,00€ |
| 17746 | 680x500x40mm | Stainless steel | Designed to cover 1 module | 12.00 | - | 1 | 24 | 186,00€ |
| 17747 | 1360x500x40mm | Stainless steel | Designed to cover 2 modules | 24.00 | - | 1 | 20 | 251,00€ |
| 16600 | 2040x500x40mm | Stainless steel | Designed to cover 3 modules | 33.60 | - | 1 | 20 | 252,00€ |



## CORNER BOARDS

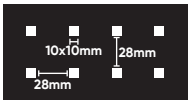
| REF. | DIMENSIONS | MATERIAL | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 16835 | 800x500x425x40mm | Wood | Designed to cover 1 module | 16.60 | - | 1 | - | 158,00€ |
| 16836 | 800x500x425x40mm | Stainless steel | Designed to cover 1 module | 20.00 | - | 1 | - | 248,00€ |

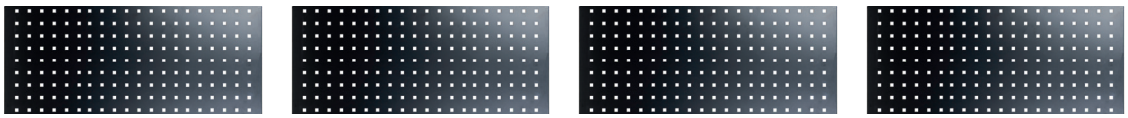


## PEG BOARD

| REF. | PIECES | DIMENSIONS | | | | | € |
|---|---|---|---|---|---|---|---|
| 16498 | x1 | 680x340x25mm | 2.00 | 2 | 6 | 180 | 26,00€ |
| 16516 | x4 | 775x340x25mm (x2) + 800x340x25mm (x2) | 2.30 | - | 1 | 16 | 121,00€ |

SQUARE HITCH



## OTHERS

| REF. | DIMENSIONS | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 16561 | 1890x60x25mm | SUPPORT BAR (REF.54327) | 2.20 | - | 10 | 200 | 36,50€ |



**17919** 40,50€

0.66 | 10 | 20 | 600

NEW

SET OF 3 MAGNETIC LED LIGHTS WITH SWITCH FOR MODULAR UNITS



**17921** 12,50€

0.16 | 10 | 50 | 20000

NEW

SINGLE LED STRIP WITHOUT SWITCH FOR REF. 17919





**53868** 1.090,00€

83.50 - 1 4

## 12 DRAWER TOOL TROLLEY - EMPTY - GREEN

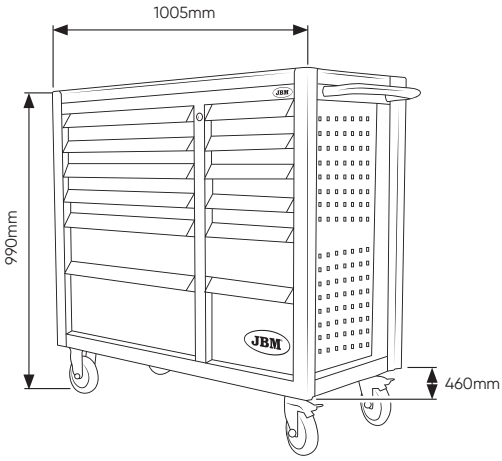
| | |
|---|---|
| **Material** | Acero/Steel, ABS |
| **Drawers** | 12 |
| **Drawer dimensions** | 533x400x75mm |
| **Measures medium drawer** | 533x400x154mm |
| **Dimensions large drawer** | 533x400x233mm |
| **Small drawer capacity** | 35Kg |

**53939** 1.280,00€

98.70 - 1 4

## 12 DRAWER TOOL TROLLEY - GREEN - TOOLS INCLUDED

| | |
|---|---|
| **Medium drawer capacity** | 35Kg |
| **Large drawer capacity** | 35Kg |
| **Top tray loading capacity** | 40Kg |
| **Capacity** | 300Kg |
| **Weight** | 83,50Kg |
| **Dimensions (LxWxH)** | 1005x460x990mm |







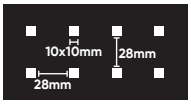
53868

SPARE PARTS AVAILABLE

53939

SPARE PARTS AVAILABLE

**SQUARE HITCH**




**THE EQUIPPED TROLLEY CONTAINS:**

**53708** 325,00€

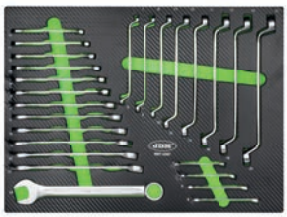
15.20 - 1 20

## SET OF 4 EVA CARBON MODULES FOR TOOL TROLLEY

**14296** 122,00€



**14297** 93,00€



**14298** 55,00€



**14299** 93,00€



## 54511 — 1.097,00€

93.00 | - | 1 | 4

# 11-DRAWER TOOL TROLLEY – EMPTY

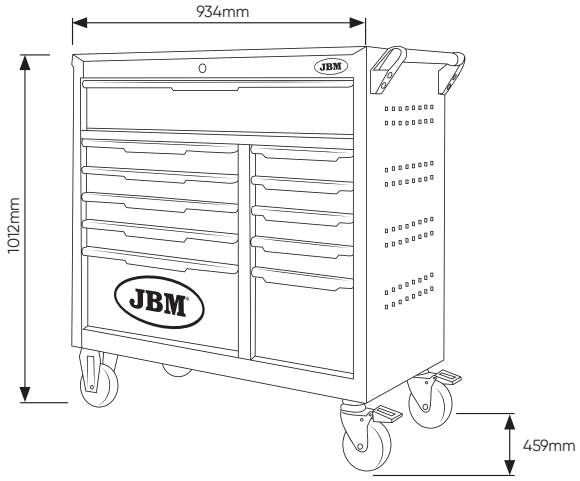
| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 11 |
| **Small drawer measurements** | 569x400x75mm |
| **Dimensions large drawer** | 569x400x233mm |
| **Long drawer measurements** | 933x400x138mm |
| **Small drawer capacity** | 30Kg |

## 54725 — 2.330,00€

126.40 | - | 1 | 4

# TOOL CART 11 DRAWERS - ASSEMBLED

| | |
|---|---|
| **Large drawer capacity** | 30Kg |
| **Long drawer capacity** | 40Kg |
| **Top tray loading capacity** | 130Kg |
| **Capacity** | 400Kg |
| **Weight** | 93,00Kg |
| **Dimensions (LxWxH)** | 934x459x1012mm |



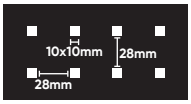




54511
SPARE PARTS AVAILABLE

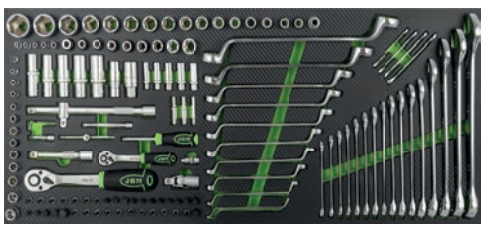
54725
SPARE PARTS AVAILABLE

**SQUARE HITCH**




**THE EQUIPPED TROLLEY CONTAINS:**

## 17729 — 445,00€







## 17141 — 369,00€



## 17142 — 222,00€



## 17144 — 385,00€



**54509** 1.890,00€

136.80 - 1 1

## 7 FRONTAL DRAWERS 4 LATERAL DRAWERS TOOL TROLLEY – EMPTY

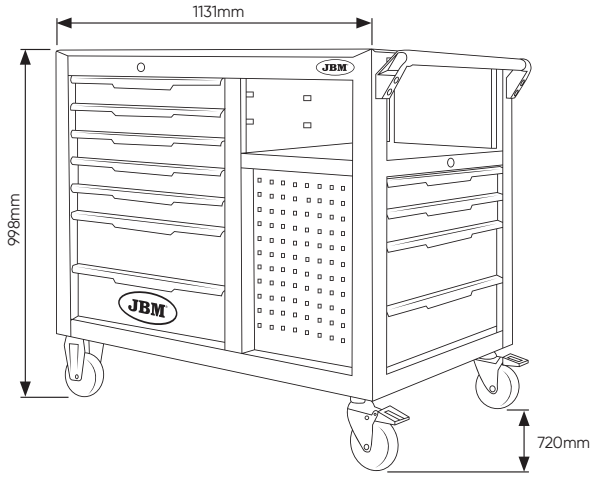
| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 11 |
| **Small drawer measurements** | 569x400x75mm |
| **Dimensions large drawer** | 569x400x154mm |
| **Small drawer capacity** | 35Kg |

**54723** 3.390,00€

174.50 - 1 1

## TOOL CART 7 FRONT DRAWERS 4 SIDE DRAWERS - ASSEMBLED

| | |
|---|---|
| **Large drawer capacity** | 40Kg |
| **Top tray loading capacity** | 150Kg |
| **Capacity** | 405Kg |
| **Weight** | 136,80Kg |
| **Dimensions (LxWxH)** | 1131x720x998mm |



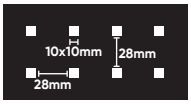




54509
SPARE PARTS AVAILABLE

54723
SPARE PARTS AVAILABLE

**SQUARE HITCH**

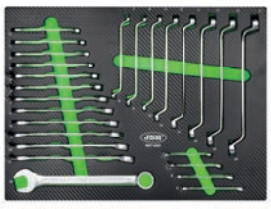



### THE EQUIPPED TROLLEY CONTAINS:

**14296** 122,00€



**14297** 93,00€



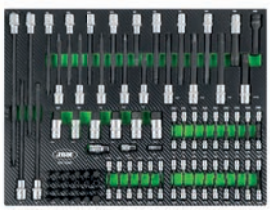
**14298** 55,00€



**14299** 93,00€



**15681** 143,00€



**15736** 489,00€



**15161** 62,00€



**15158** 63,00€



**15156** 70,00€



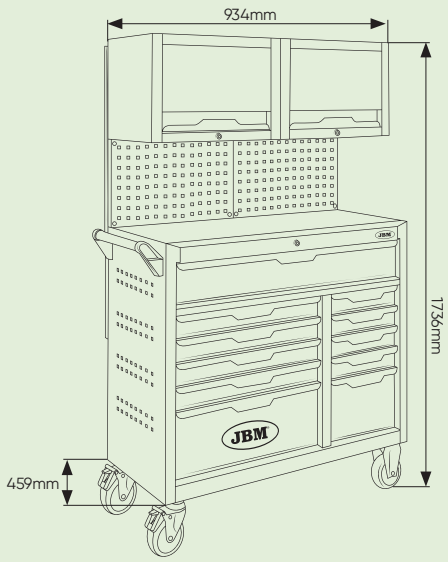
## 55117 — 1.390,00€

116.60 | - | 1 | 4

NEW

# 11-DRAWER TOOL TROLLEY WITH PANELS AND CABINETS - EMPTY

| | |
|---|---|
| **Pieces** | 8 |
| **Material** | Acero/Steel |
| **Drawers** | 11 |
| **Small drawer measurements** | 569x400x75mm |
| **Dimensions large drawer** | 569x400x233mm |
| **Long drawer measurements** | 933x400x138mm |
| **Small drawer capacity** | 30Kg |




55118

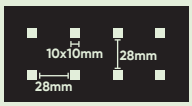
SPARE PARTS AVAILABLE

55117

SPARE PARTS AVAILABLE

VIDEO TUTORIAL

**SQUARE HITCH**




## 55118 — 1.790,00€

131.80 | - | 1 | 4

NEW

# 11-DRAWER TOOL TROLLEY WITH PANELS AND CABINETS - ASSEMBLED

| | |
|---|---|
| **Large drawer capacity** | 30Kg |
| **Long drawer capacity** | 40Kg |
| **Top tray loading capacity** | 130Kg |
| **Capacity** | 400Kg |
| **Weight** | 116,60Kg |
| **Dimensions (LxWxH)** | 934x459x1736mm |



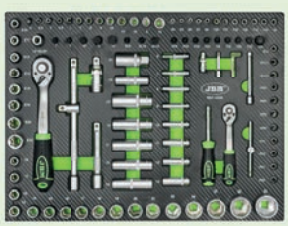

**THE EQUIPPED TROLLEY CONTAINS:**

## 53708 — 325,00€

15.20 | - | 1 | 20

# SET OF 4 EVA CARBON MODULES FOR TOOL TROLLEY

**14296** — 122,00€



**14297** — 93,00€



**14298** — 55,00€



**14299** — 93,00€

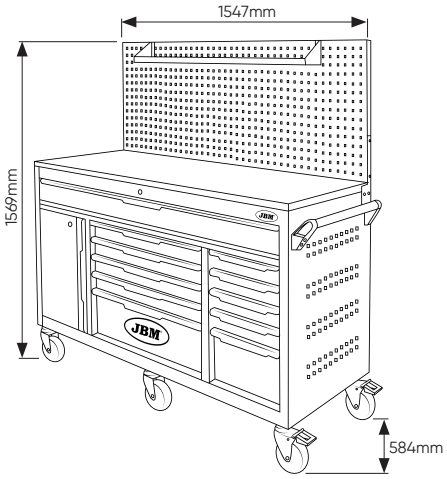


## 54510 — 1.949,50€

158.00 | - | 1 | 1

# 11 DRAWERS TOOL TROLLEY WITH PERFORATED PANEL - EMPTY

| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 11 |
| **Small drawer measurements** | 480×316×70mm |
| **Dimensions large drawer** | 480x663x70mm |
| **Long drawer measurements** | 480x14350x112mm |
| **Wardrobe measurements** | 346x556x527mm |
| **Small drawer capacity** | 30Kg |



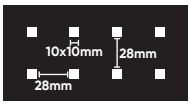

54510

SPARE PARTS AVAILABLE

54724

SPARE PARTS AVAILABLE

**SQUARE HITCH**




## 54724 — 3.390,00€

191.40 | - | 1 | 1

# TOOL CART 11 DRAWERS WITH PERFORATED PANEL - ASSEMBLED

| | |
|---|---|
| **Large drawer capacity** | 30Kg |
| **Long drawer capacity** | 75Kg |
| **Wardrobe capacity** | 20Kg |
| **Top tray loading capacity** | 200Kg |
| **Capacity** | 600Kg |
| **Weight** | 158,00Kg |
| **Dimensions (LxWxH)** | 1547x584x1569mm |




**THE EQUIPPED TROLLEY CONTAINS:**

## 17728 — 445,00€







## 17141 — 369,00€



## 17142 — 222,00€



## 17144 — 385,00€

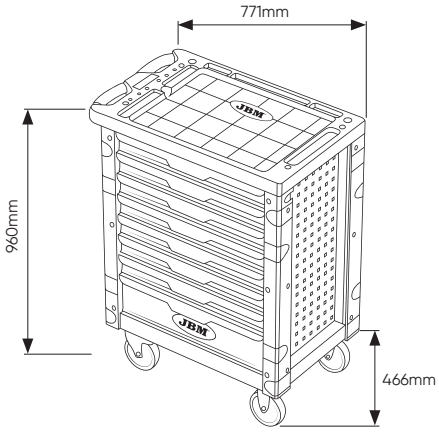


**54717** 549,00€

56.00 - 1 4

## TOOL CART 8 DRAWERS - EMPTY

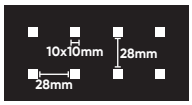
| | |
|---|---|
| **Material** | Acero/Steel, ABS |
| **Drawers** | 8 |
| **Small drawer measurements** | 575x428x75mm |
| **Dimensions large drawer** | 575x428x150mm |
| **Small drawer capacity** | 35Kg |




54717
SPARE PARTS AVAILABLE

54718
SPARE PARTS AVAILABLE

**SQUARE HITCH**




**54718** 1.990,00€

69.00 - 1 2

## 8-DRAWER TOOL TROLLEY - EQUIPPED

| | |
|---|---|
| **Large drawer capacity** | 35Kg |
| **Top tray loading capacity** | 55Kg |
| **Capacity** | 280Kg |
| **Weight** | 56,00Kg |
| **Dimensions (LxWxH)** | 771x466x960mm |




**THE EQUIPPED TROLLEY CONTAINS:**

**54720** 1.549,00€

34,90 - 1 1

## SET OF 7 EVA CARBON MODULES FOR TOOL TROLLEY

**17138** 245,00€



**17139** 130,00€



**18463** 167,00€



**17141** 369,00€



**17142** 222,00€



**17143** 313,00€



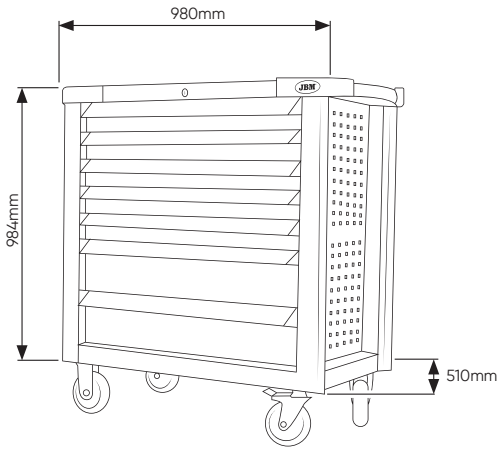
**17144** 385,00€



# 7 DRAWER TOOL TROLLEYS

| REF. | COLOR | | | | | | | €
|---|---|---|---|---|---|---|---|---|
| 53912 | ● | XL 7-DRAWER GREEN TOOL TROLLEY - EQUIPPED | 74.50 | - | 1 | 4 | 1.280,00€ |
| 53869 | ● | 7 DRAWER TOOL TROLLEY XL - GREEN - EMPTY | 74.50 | - | 1 | 4 | 990,00€ |
| 53913 | ● | 7 DRAWER TOOL TROLLEY XL - RED - EQUIPPED | 74.50 | - | 1 | 4 | 1.280,00€ |
| 53870 | ● | 7 DRAWER TOOL TROLLEY XL - RED - EMPTY | 74.50 | - | 1 | 4 | 990,00€ |

| | |
|---|---|
| **Material** | Acero/Steel, ABS |
| **Drawers** | 7 |
| **Small drawer measurements** | 705x400x74mm |
| **Dimensions large drawer** | 705x400x151.5mm |
| **Small drawer capacity** | 25Kg |
| **Large drawer capacity** | 35Kg |
| **Top tray loading capacity** | 40Kg |
| **Capacity** | 300Kg |
| **Weight** | 74,50Kg |
| **Dimensions (LxWxH)** | 980x510x984mm |





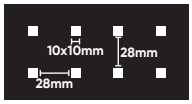

53912 SPARE PARTS AVAILABLE

53869 SPARE PARTS AVAILABLE

53913 SPARE PARTS AVAILABLE

53870 SPARE PARTS AVAILABLE

**SQUARE HITCH**

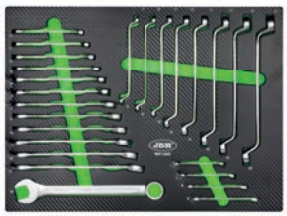



## THE EQUIPPED TROLLEY CONTAINS:

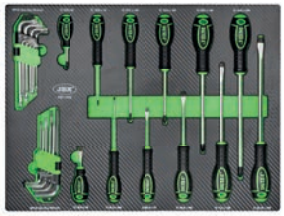
**14296** 122,00€



**14297** 93,00€



**14298** 55,00€



**14299** 93,00€



**15122** 80,00€



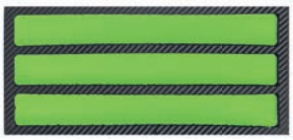
**15155** 61,00€



**15161** 62,00€



**15514** 9,35€



## 54690 — 988,00€

77.50 | - | 1 | 1

# XL TOOL TROLLEY WITH 8 DRAWERS - EMPTY

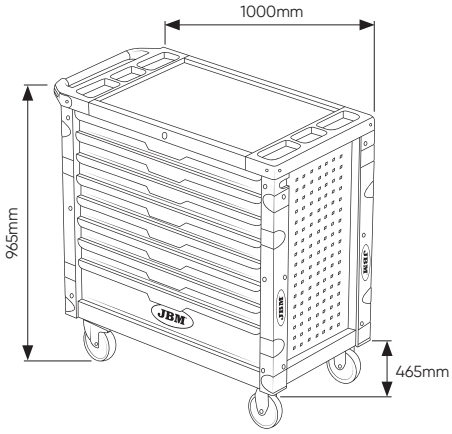
| | |
|---|---|
| **Material** | Acero/Steel, ABS |
| **Drawers** | 8 |
| **Drawer dimensions** | 750x400x75mm |
| **Dimensions large drawer** | 750x400x150mm |
| **Small drawer capacity** | 35Kg |

## 54688 — 3.150,00€

130.50 | - | 1 | 2

# XL TOOL TROLLEY WITH 8 DRAWERS - EQUIPPED

| | |
|---|---|
| **Large drawer capacity** | 35Kg |
| **Top tray loading capacity** | 55Kg |
| **Capacity** | 335Kg |
| **Weight** | 77,50Kg |
| **Dimensions (LxWxH)** | 1000x465x965mm |





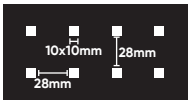


54690
SPARE PARTS AVAILABLE

54688
SPARE PARTS AVAILABLE

VIDEO TUTORIAL

**SQUARE HITCH**




**THE EQUIPPED TROLLEY CONTAINS:**

## 54689 — 2.162,00€

61.74 | - | 1 | -

# SET OF 7 EVA CARBON MODULES FOR TOOL TROLLEY

**16873** 145,00€



**16874** 454,00€



**16875** 433,00€



**16876** 369,00€



**16877** 290,00€



**16878** 174,00€



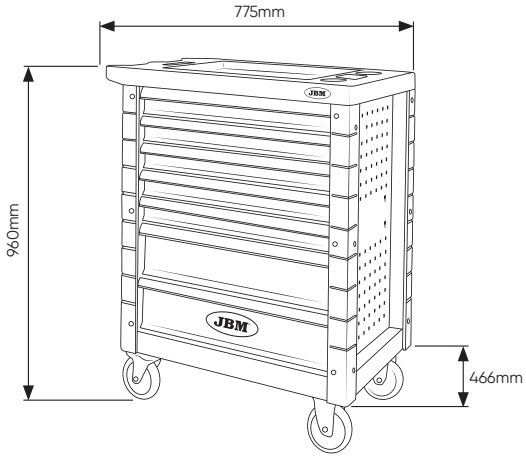
**16879** 315,00€



# 7 DRAWER TOOL TROLLEYS

| REF. | COLOR | | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54006 | ● | 7 DRAWER TOOL TROLLEY - GREEN - EMPTY | 55.00 | - | 1 | 4 | 490,00€ |
| 53762 | ● | 7 DRAWER TOOL TROLLEY - RED - EMPTY | 55.00 | - | 1 | 4 | 490,00€ |
| 53768 | ● | 7 DRAWER TOOL TROLLEY - BLUE - EMPTY | 55.00 | - | 1 | 4 | 490,00€ |
| 53761 | ● | 7 DRAWER TOOL TROLLEY - GREY - EMPTY | 55.00 | - | 1 | 4 | 490,00€ |

| | |
|---|---|
| **Material** | Acero/Steel, ABS |
| **Drawers** | 7 |
| **Drawer dimensions** | 533x400x74mm |
| **Dimensions large drawer** | 533x400x151.5mm |
| **Small drawer capacity** | 30Kg |
| **Large drawer capacity** | 30Kg |
| **Top tray loading capacity** | 55Kg |
| **Capacity** | 300Kg |
| **Weight** | 55,00Kg |
| **Dimensions (LxWxH)** | 775x466x960mm |







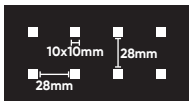
54006
SPARE PARTS AVAILABLE

53762
SPARE PARTS AVAILABLE

53768
SPARE PARTS AVAILABLE

53761
SPARE PARTS AVAILABLE

**SQUARE HITCH**




## DESIGN UPDATE

We have updated the design of the green cart. Now, when purchasing **REF.54006,** you will receive the cart corresponding to **REF.54503**.

At JBM, we are always innovating and thinking of our consumers, so now we offer you:

- An improved design.
- More defined finishes, designed for daily use.
- Stronger and more durable materials, ideal for work in extreme conditions.



# CHOOSE THE TROLLEY WITH THE MODULES THAT BEST SUIT YOUR NEEDS

**SPECIAL HAND TOOLS**

| REF. | DRAWERS | COLOR | EQUIPPED | PIECES | MATERIAL | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 53904 | 7 | | Full | 172 | Steel | 70.00 | - | 1 | 4 | 790,00€ |
| 53686 | 7 | | Full | 172 | Steel | 70.00 | - | 1 | 4 | 790,00€ |
| 53767 | 7 | | Full | 172 | Steel | 70.00 | - | 1 | 4 | 790,00€ |
| 53661 | 7 | | Full | 172 | Steel | 70.00 | - | 1 | 4 | 790,00€ |









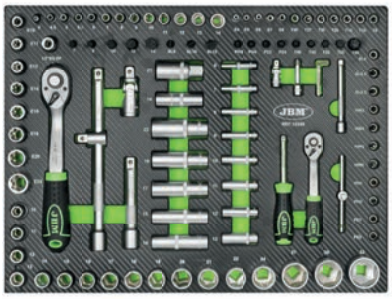

**THE EQUIPPED TROLLEY CONTAINS:**

**53708** 325,00€

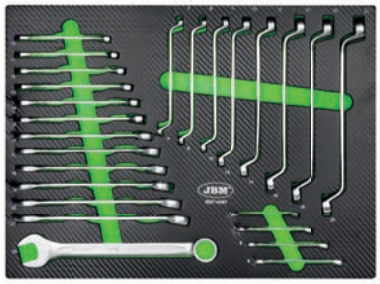
15.20 - 1 20

SET OF 4 EVA CARBON MODULES FOR TOOL TROLLEY

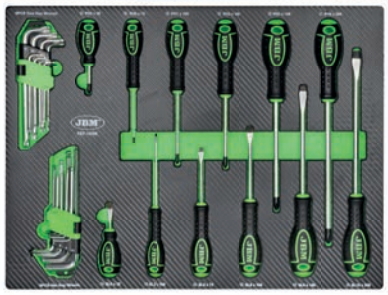
**14296** 122,00€



**14297** 93,00€



**14298** 55,00€



**14299** 93,00€





# CHOOSE THE TROLLEY WITH THE MODULES THAT BEST SUIT YOUR NEEDS

## SPECIAL FOR TRUCKS

| REF. | DRAWERS | COLOR | EQUIPPED | PIECES | MATERIAL | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 54240 | 7 | | Full | 224 | Steel | 110.50 | - | 1 | 4 | 1.887,00€ |
| 54238 | 7 | | Full | 224 | Steel | 110.50 | - | 1 | 4 | 1.887,00€ |
| 54239 | 7 | | Full | 224 | Steel | 110.50 | - | 1 | 4 | 1.887,00€ |
| 54237 | 7 | | Full | 224 | Steel | 110.50 | - | 1 | 4 | 1.887,00€ |









**THE EQUIPPED TROLLEY CONTAINS:**

**54134** 1.485,00€

55.50 | - | 1 | 16

TRUCK REPAIR TOOL SET

**15730** 289,00€



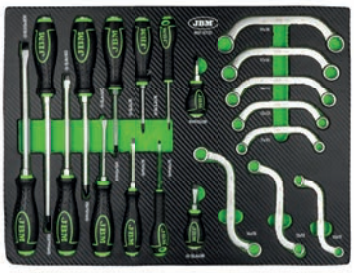
**15731** 214,00€



**15732** 294,00€



**15733** 118,00€



**15734** 289,00€



**15735** 156,00€



**15736** 489,00€



# CHOOSE THE TROLLEY WITH THE MODULES THAT BEST SUIT YOUR NEEDS

**SPECIAL FOR TIMING TOOLS**

| REF. | DRAWERS | COLOR | EQUIPPED | PIECES | MATERIAL | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 53951 | 7 | | Full | 250 | Steel | 94.70 | - | 1 | 4 | 1.794,00€ |
| 53952 | 7 | | Full | 250 | Steel | 94.70 | - | 1 | 4 | 1.794,00€ |
| 54501 | 7 | | Full | 250 | Steel | 94.70 | - | 1 | 4 | 1.794,00€ |
| 54502 | 7 | | Full | 250 | Steel | 94.70 | - | 1 | 4 | 1.794,00€ |









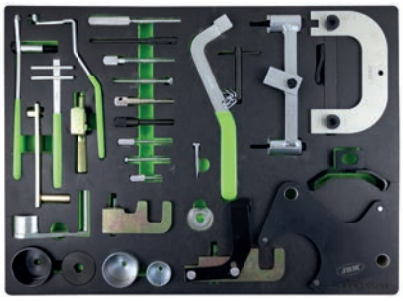

**THE EQUIPPED TROLLEY CONTAINS:**

**53775** 1.378,00€

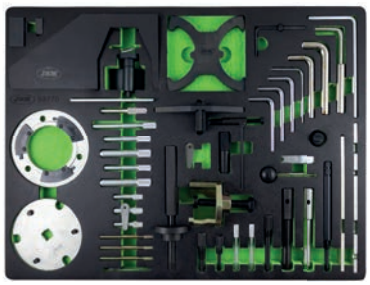
| 15.50 | - | 1 | 6 |
|---|---|---|---|

SET OF 6 TIMING TOOL MODULES

**53769** 195,00€



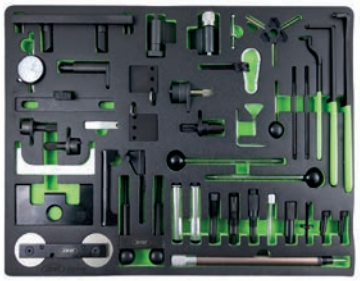
**53770** 221,00€



**53771** 158,00€



**53772** 257,00€



**53773** 327,00€



**53774** 208,00€



# CHOOSE THE TROLLEY WITH THE MODULES THAT BEST SUIT YOUR NEEDS

## SPECIAL VDE

| REF. | DRAWERS | COLOR | EQUIPPED | PIECES | MATERIAL | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 54236 | 7 | ● | Full | 24 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |
| 54234 | 7 | ● | Full | 24 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |
| 54235 | 7 | ● | Full | 24 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |
| 54233 | 7 | ● | Full | 24 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |










## IT CONTAINS

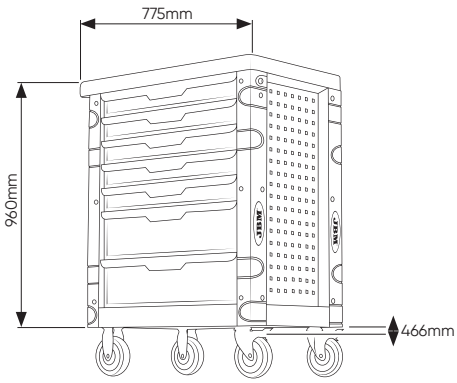
| REF. | DESCRIPTION | PIECES | | | | | € |
|---|---|---|---|---|---|---|---|
| 52162 | LASER THERMOMETER -50°C TO 550°C | 1 | 0.17 | 6 | 72 | 576 | 38,00€ |
| 53940 | YELLOW/BLACK PLASTIC POST | 4 | 0.55 | - | 6 | 90 | 15,50€ |
| 54326 | PLASTIC CHAIN - 7M YELLOW/BLACK | 4 | 0.30 | - | 20 | 600 | 8,50€ |
| 53942 | PLASTIC S-HOOK | 8 | 0.01 | 50 | 5000 | 75000 | 0,50€ |
| 54093 | MODULE OF 26 PIECES OF INSULATED TOOLS | 1 | 2.88 | - | 4 | 64 | 441,00€ |
| 54114 | INSULATION TESTER | 1 | 1.48 | - | 10 | 100 | 248,00€ |
| 54129 | INSULATING MAT CLASS 0 | 1 | 2.10 | - | 1 | 200 | 110,00€ |
| 54130 | INSULATING GLOVES FOR VOLTAGE WORK T.9 | 1 | 0.35 | - | 21 | 220 | 65,00€ |
| 54132 | ELECTRICAL INSULATING FACE SHIELD FOR VOLTAGE WORK | 1 | 0.70 | - | 1 | 39 | 190,00€ |
| 54241 | INSULATED RESCUE HOOK - 45KV | 1 | 1.10 | - | 1 | 50 | 120,00€ |
| 54322 | SET OF 2 HIGH VOLTAGE WARNING SIGNS | 1 | 0.05 | 25 | 100 | - | 21,00€ |

## 54503 — 490,00€

55.00 | - | 1 | 4

# 7 DRAWER TOOL TROLLEY GREEN EMPTY

| | |
|---|---|
| **Material** | Acero/Steel, ABS |
| **Drawers** | 7 |
| **Drawer dimensions** | 533x400x74mm |
| **Dimensions large drawer** | 533x400x151.5mm |
| **Small drawer capacity** | 35Kg |
| **Large drawer capacity** | 35Kg |
| **Induction torch length** | 773X466.9X49.5mm |
| **Top tray loading capacity** | 55Kg |
| **Capacity** | 300Kg |
| **Weight** | 55,00Kg |
| **Dimensions (LxWxH)** | 775x466x960mm |




54503
SPARE PARTS AVAILABLE

## 54389 — 790,00€

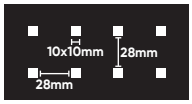
64.00 | - | 1 | 4

# 7 DRAWER GREEN TOOL TROLLEY - EQUIPPED




54389
SPARE PARTS AVAILABLE

**SQUARE HITCH**




**THE EQUIPPED TROLLEY CONTAINS:**

## 53708 — 325,00€

15.20 | - | 1 | 20

# SET OF 4 EVA CARBON MODULES FOR TOOL TROLLEY

**14296** 122,00€



**14297** 93,00€



**14298** 55,00€



**14299** 93,00€





## 54834

565,00€

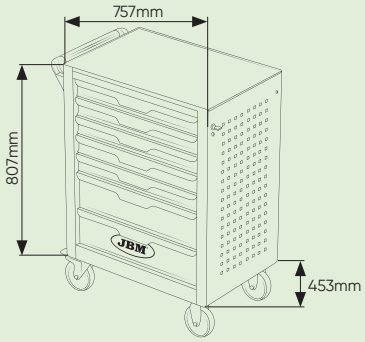
45.10 | - | 1 | 4

NEW

# 7 DRAWERS TOOL TROLLEY - EQUIPPED

| | |
|---|---|
| **Pieces** | 154 |
| **Material** | Acero/Steel |
| **Drawers** | 7 |
| **Small drawer measurements** | 400x554x74mm |
| **Dimensions large drawer** | 400x554x151mm |
| **Small drawer capacity** | 35Kg |
| **Large drawer capacity** | 45Kg |
| **Top tray loading capacity** | 55Kg |
| **Weight** | 45,10Kg |
| **Dimensions (LxWxH)** | 757x453x807mm |



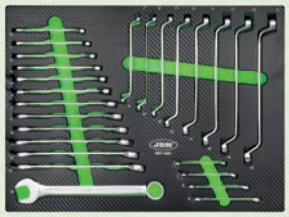



### IT CONTAINS

**14296** 122,00€



**14297** 93,00€

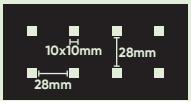


**17775** 99,00€



SPARE PARTS AVAILABLE

**SQUARE HITCH**




## 53867

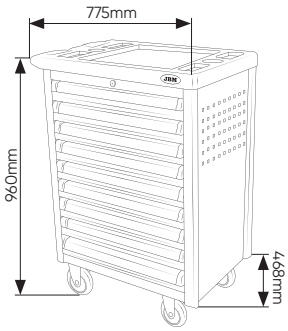
849,00€

73.45 | - | 1 | 4

# 9 DRAWER TOOL TROLLEY WITH ORGANIZERS - GREEN

| | |
|---|---|
| **Pieces** | Vacío/Empty |
| **Material** | Acero/Steel, ABS |
| **Drawers** | 9 |
| **Drawer dimensions** | 775x468x75mm |
| **Drawer capacity** | 25Kg |
| **Top tray loading capacity** | 40Kg |
| **Capacity** | 300Kg |
| **Contains** | Separadores/Organizers |
| **Weight** | 73,45Kg |
| **Dimensions (LxWxH)** | 775x468x960mm |





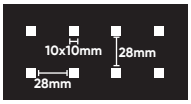

### IT CONTAINS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| **15073** | 174x53mm | 0.05 | 10 | 200 | - | 1,00€ |
| **15076** | 396x53mm | 0.30 | 5 | 50 | - | 4,60€ |





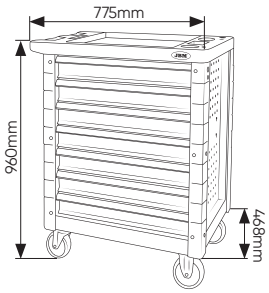
**SQUARE HITCH**



# TOOL TROLLEYS - EQUAL DRAWERS

| REF. | DRAWERS | COLOR | | | | | € |
|---|---|---|---|---|---|---|---|
| 54295 | 7 | ● | 49.00 | - | 1 | 4 | 500,00€ |
| 54296 | 8 | ● | 51.00 | - | 1 | 4 | 520,00€ |
| 54297 | 9 | ● | 52.30 | - | 1 | 4 | 540,00€ |

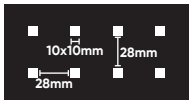





| TECHNICAL SPECIFICATIONS | | | |
|---|---|---|---|
| Drawer measures **(REF.54295)** | 97mm | 775mm | 468mm |
| Drawer measures **(REF.54296)** | 85mm | 775mm | 468mm |
| Drawer measures **(REF.54297)** | 75mm | 775mm | 468mm |

| | |
|---|---|
| Capacity of the drawers **(REF.54295)** | 25Kg |
| Capacity of the drawers **(REF.54296)** | 25Kg |
| Capacity of the drawers **(REF.54297)** | 25Kg |

**SQUARE HITCH**




**54518** 457,50€

22.50 - 1 4

# MODULAR TROLLEY WITH 4 STACKABLE BOXES

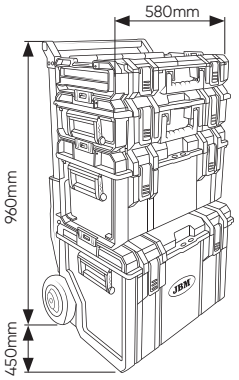
| | |
|---|---|
| **Material** | PP modificado/Modified PP |
| **Modules** | 4 |
| **First module measurement** | 555x340x115mm |
| **Second module measurement** | 550x340x160mm |
| **Third module measurement** | 580x340x410mm |
| **Fourth module measurement** | 550x340x310mm |
| **First module capacity** | 10Kg |
| **Second module capacity** | 20Kg |
| **Third module capacity** | 40Kg |
| **Fourth module capacity** | 30Kg |
| **Sealed closure** | Si/Yes |
| **Capacity** | 100Kg |
| **Weight** | 22,50Kg |
| **Contains** | 54519, 54520, 54535, 54537 |
| **Dimensions (LxWxH)** | 580x450x970mm |

SPARE PARTS AVAILABLE









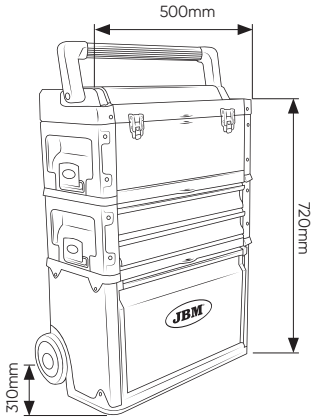

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| A 54519 | STACKABLE TOOL BOX WITH PARTS ORGANIZER (12 COMPARTMENTS) | 3.60 | - | 1 | 30 | 72,00€ |
| B 54520 | STACKABLE TOOL BOX WITH 2 LATERAL PARTS ORGANIZER (11 COMPARTMENTS) | 4.00 | - | 1 | 24 | 72,00€ |
| C 54535 | STACKABLE TOOL BOX WITH WHEELS (85L) | 10.80 | - | 1 | 10 | 226,00€ |
| D 54537 | STACKABLE TOOL BOX (40L) | 4.90 | - | 1 | 12 | 102,00€ |

**54504** 299,00€

15.00 | - | 1 | 7

## MODULAR TROLLEY WITHOUT TOOLS

| | |
|---|---|
| **Material** | Acero/Steel, ABS |
| **Drawers** | 3 |
| **Modules** | 3 |
| **First module measurement** | 500x310x240mm |
| **Second module measurement** | 500x310x170mm |
| **Third module measurement** | 500x310x330mm |
| **First module capacity** | 12,00L |
| **Second module capacity** | 10,00L |
| **Third module capacity** | 20,00L |
| **Small drawer measurements** | 390x215x60mm |
| **Measures medium drawer** | 430x220x130mm |
| **Dimensions large drawer** | 405x190x270mm |
| **Capacity** | 40Kg |
| **Weight** | 15,00Kg |
| **Dimensions (LxWxH)** | 500x310x720mm |







53672

SPARE PARTS AVAILABLE

**53672** 440,00€

23.00 | - | 1 | 6

## MODULAR TOOL BOX TROLLEY - EQUIPPED



**THE EQUIPPED TROLLEY CONTAINS:**

**14327** 198,00€

7.50 | - | 1 | -

## SET OF 3 EVA CARBON MODULES FOR TOOL TROLLEY (REF.53672)



| | | | |
|---|---|---|---|
| **1/2"** | x11 | 8, 10, 11, 12, 13, 14, 16, 17, 19, 21, 22mm |
| **1/4"** | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| **1/2"** | x1 | |
| **1/4"** | x1 | |
| **1/2"** | x2 | 125, 300mm |
| **1/4"** | x2 | 50, 100mm |
| | x1 | 180mm |
| | x1 | 160mm |
| | x2 | 160, 180mm |
| | x2 | PH2x125, PH1x100mm |
| | x2 | 6x150, 5x100mm |
| | x9 | 8, 9, 10, 11, 12, 13, 14, 17, 19mm |

| | | |
|---|---|---|
| x1 | 250mm | |
| x1 | 300g | |
| x1 | 250mm | |
| x1 | 200mm | |
| x8 | 1,5x8mm | |
| x1 | 3mm | |
| **1/4"** | x32 | |
| **1/4"** | x1 | |
| **1/4"** | x1 | |
| **1/4"** | x1 | |
| **1/2"** | x1 | |
| **1/4"** | x1 | |

## 54388

366,00€

40.50 | - | 1 | 8

# DIAGNOSTIC TROLLEY

| | |
|---|---|
| **Pieces** | Vacío/Empty |
| **Material** | Acero/Steel |
| **Drawers** | 1 |
| **Drawer dimensions** | 433x397x275.5mm |
| **Induction torch length** | 433x436x188.5mm |
| **Middle tray measurements** | 433x402.5x249.5mm |
| **Bottom tray measurements** | 433x397x198mm |
| **Capacity** | 90,00Kg |
| **Weight** | 40,50Kg |
| **Dimensions (LxWxH)** | 513x4397x1050.7mm |

SPARE PARTS AVAILABLE



## 55000

197,00€

11.30 | - | 1 | 4

NEW

# TROLLEY WITH 3 TRAYS AND DETAILING TOOL HOLDERS

| | |
|---|---|
| **Material** | PP |
| **Trays** | 3 |
| **Tray measurements** | 430x655mm |
| **Tray capacity** | 45Kg |
| **Capacity** | 135Kg |
| **Weight** | 11,3Kg |
| **Dimensions (LxWxH)** | 870x680x430mm |



## 55001

170,00€

8.80 | - | 1 | 32

NEW

# CART WITH 3 FOLDABLE TRAYS

| | |
|---|---|
| **Material** | PP, Aluminio/Aluminium |
| **Trays** | 3 |
| **Tray measurements** | 430x655mm |
| **Tray capacity** | 22Kg |
| **Capacity** | 65Kg |
| **Weight** | 8,80Kg |
| **Dimensions (LxWxH)** | 860x380x720mm |



## 51576

125,00€

13.00 | - | 1 | 12

### 3-LEVEL WORKSHOP TROLLEY



| | |
|---|---|
| **Material** | Acero/Steel SPCC |
| **Trays** | 3 |
| **Tray measurements** | 790x370x80mm |
| **Tray capacity** | 50Kg |
| **Capacity** | 100Kg |
| **Weight** | 13,00Kg |
| **Dimensions (LxWxH)** | 885x380x795mm |

## 52373

252,00€

22.80 | - | 1 | 6

### LARGE 3-LEVEL WORKSHOP TROLLEY



| | |
|---|---|
| **Material** | Acero/Steel SPCC |
| **Trays** | 3 |
| **Tray measurements** | 745x390x88mm |
| **Tray capacity** | 70Kg |
| **Capacity** | 150Kg |
| **Weight** | 22,80Kg |
| **Dimensions (LxWxH)** | 1020x635x800mm |

## 54499

141,00€

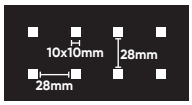
15.00 | - | 1 | 15

### 3-LEVEL WORKSHOP TROLLEY WITH 1 DRAWER



| | |
|---|---|
| **Material** | Acero/Steel SPCC |
| **Drawers** | 1 |
| **Drawer dimensions** | 595X315X60mm |
| **Drawer capacity** | 25Kg |
| **Trays** | 3 |
| **Tray measurements** | 700X350X60mm |
| **Tray capacity** | 50Kg |
| **Capacity** | 150Kg |
| **Weight** | 15,00Kg |
| **Dimensions (LxWxH)** | 830x350x750mm |

**SQUARE HITCH**




## 54839

219,00€

26.80 | - | 1 | 4

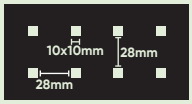
NEW

### CART WITH 3 DRAWERS, 1 TRAY, AND SIDE GRILLES



| | |
|---|---|
| **Material** | Acero/Steel SPCC |
| **Drawers** | 3 |
| **Drawer measurements** | 554x400x74mm |
| **Large drawer capacity** | 554x400x151mm |
| **Trays** | 1 |
| **Tray measurements** | 533x398mm |
| **Weight** | 26,80Kg |
| **Dimensions (LxWxH)** | 770x450x940mm |

**SQUARE HITCH**





## 53708 — 325,00€

15.20 | - | 1 | 20

380mm | 500mm | 30mm

# SET OF 4 EVA CARBON MODULES FOR TOOL TROLLEY

## 14296 — 122,00€

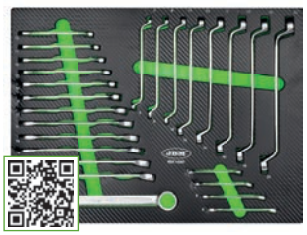
6.05 | - | 4 | 48



| 14296 | | | |
|---|---|---|---|
| | **1/2"** | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm |
| | **1/4"** | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| | **1/2"** | x5 | 14, 15, 17, 19, 22mm |
| | **1/4"** | x8 | 6, 7, 8, 9, 10, 11, 12, 13mm |
| | **1/2"** | x8 | E10, E11, E12, E14, E16, E18, E20, E24 |
| | **1/4"** | x5 | E4, E5, E6, E7, E8 |
| | | x2 | 1/2", 1/4" |
| | **1/2"** | x2 | 125, 250mm |
| | **1/4"** | x2 | 50, 100mm |
| | | x2 | 1/2", 1/4" |
| | | x1 | F1/2" - M3/8" |
| | **1/2"** | x2 | 16, 21mm |
| | | x3 | 1.5, 2, 2.5mm |
| | **1/4"** | x1 | |
| | **1/4"** | x1 | |
| | **1/2"** | x1 | 8mm |
| | | x2 | PH1, PH2 |
| | | x2 | PZ1, PZ2 |
| | **1/4"** | x4 | 3, 4, 5, 6mm |
| | | x3 | SL4, SL5.5, SL6.5 |
| | | x7 | T8, T10, T15, T20, T25, T27, T30 |
| | | x2 | PH3, PH4 |
| | | x2 | PZ3, PZ4 |
| | **8mm** | x5 | 7, 8, 10, 12, 14mm |
| | | x3 | SL8, SL10, SL12 |
| | | x5 | T40, T45, T50, T55, T60 |

## 14297 — 93,00€

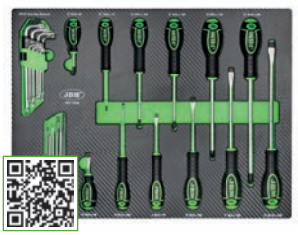
3.30 | - | 4 | 112



| 14297 | | | |
|---|---|---|---|
| | | x8 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm |
| | | x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 24mm |

## 14298 — 55,00€

2.10 | - | 4 | 80



| 14298 | | | |
|---|---|---|---|
| | | x6 | PH2x38, PH0x75, PH1x100, PH2x100, PH3x150, PH4x200 |
| | | x6 | SL6x38, SL3x100, SL5x75, SL6x100, SL8x150, SL10x200 |
| | | x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm |
| | | x9 | 10, 15, 20, 25, 27, 30, 40, 45, 50mm |

## 14299 — 93,00€

3.25 | - | 4 | 96



| 14299 | | |
|---|---|---|
| | x1 | 35mm |
| | x1 | 450g |
| | x1 | 10" |
| | x1 | 8" |
| | x1 | 8" |
| | x1 | 8" |
| | x1 | 10" |
| | x1 | 7,5" |
| | x1 | 3m |

## 54689 — 2.162,00€

61.74 | - | 1 | -

395mm | 745mm | 60mm

# SET OF 7 EVA CARBON MODULES FOR TOOL TROLLEY

## 16873 — 145,00€

3.50 | - | 2 | 36



## 16874 — 454,00€

11.50 | - | 2 | 28



## 16875 — 433,00€

13.90 | - | 2 | 36



## 16876 — 369,00€

10.42 | - | 2 | 28



## 16877 — 290,00€

4.85 | - | 2 | 36



## 16878 — 174,00€

4.62 | - | 1 | 36



## 16879 — 315,00€

10.50 | - | 1 | 36



### 16873

| | | |
|---|---|---|
| | x4 | PH0×75, 1×100, 2×125, 3×150mm |
| | x6 | SL3×75, 3.5×75, 4×100, 5.5×125, 6.5×150, 8×200mm |
| | x12 | T5×100, 6×100, 7×100, 8×100, 9×100, 10×100, 15×100, 20×100, 25×100, 27×100, 30×100, 40×100mm |
| | x2 | 6×100, 8×128mmL |
| | x2 | 1/4"x115, 5/16"x115mmL |
| | x2 | 132mmL |
| | x1 | 11×200, 16×300mmL |
| | x1 | |
| | x1 | |
| | x1 | |

### 16874

| | | |
|---|---|---|
| | x12 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm |
| | x12 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm |
| | x6 | E4, 5, 6, 7, 8, 10 |
| | x6 | E4, 5, 6, 7, 8, 10 |
| | x3 | 50, 100, 150mmL |
| | x1 | 1/4" |
| | x1 | 3/8"(F) x 1/4"(M) |
| 1/4" | x1 | 1/4" |
| | x7 | H3, 4, 5, 6, 7, 8, 10 |
| | x3 | PH0, 1, 2 |
| | x3 | PZ0, 1, 2 |
| | x3 | SL4, 5.5, 6 |
| | x7 | IPR10, 15, 20, 25, 27, 30, 40 |
| | x8 | T8, 10, 15, 20, 25, 27, 30, 40 |
| | x8 | T8H, T10H, T15H, T20H, T25H, T27H, T30H, T40H |
| | x4 | 45, 75, 150, 250mm |
| | x1 | 1/2"(F) x 3/8"(M) |
| | x3 | 16, 18, 21mm |
| | x3 | |
| | x1 | |
| | x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm |
| | x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm |
| | x10 | E4, 5, 6, 7, 8, 10, 11, 12, 14, 16 |
| | x10 | E4, 5, 6, 7, 8, 10, 11, 12, 14, 16 |
| | x3 | PH1, 2, 3 |
| | x3 | PZ1, 2, 3 |
| | x3 | SL5.5, 6, 7 |
| | x10 | H3, 4, 5, 5.5, 6, 7, 8, 9, 10, 12 |
| | x12 | T8, 10, 15, 20, 25, 27, 30, 40, 45, 50, 55, 60 |
| | x12 | T8H, T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H, T55H, T60H |
| | x6 | M5, 6, 8, 9, 10, 12 |
| | x8 | R4, 5, 6, 7, 8, 9, 10, 12 |
| | x3 | |
| | x1 | |
| | x1 | 20-120Nm |
| | x1 | UNIVERSAL |
| | x1 | 450mml |
| | x1 | 250mml |

### 16875

| | | |
|---|---|---|
| | x22 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32mm |
| | x22 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32mm |
| 1/2" | x8 | E10, 11, 12, 14, 16, 18, 20, 24 |
| | x8 | E10, 11, 12, 14, 16, 18, 20, 24 |
| | x6 | H5, 6, 7, 8, 10, 12 - 100mmL |
| | x4 | T40, 45, 50, 55 - 100mmL |
| | x5 | M6, 8, 10, 12, 14 - 100mmL |
| | x3 | 17, 19, 21mm |
| | x1 | 20-200Nm |
| | x1 | 255mm |
| | x2 | 125, 250mmL |
| | x1 | 380mmL |
| | x1 | UNIVERSAL |

### 16876

| | | |
|---|---|---|
| | x26 | 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, 32mm |
| | x8 | 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19, 20×22 |
| | x7 | 6×7, 8×9, 10×11, 12×13, 14×15, 16×17, 18×19 |
| | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |

### 16877

| | | | |
|---|---|---|---|
| x4 | 7" | | x1 |
| x3 | 7" (x1), 8" (x2) | | x1 |
| x1 | 7" | | x3 |
| x1 | 10" | | x1 |
| x1 | 10" | | x10 |
| x1 | 5m | | x1 |
| x1 | 10" | | x1 |
| x1 | | | x1 |
| x1 | | | x1 |

### 16878

| | | |
|---|---|---|
| x4 | 8" | |
| x9 | H1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 | |
| x9 | T10, 15, 20, 25, 27, 30, 40, 45, 50 | |
| x10 | 4, 5, 5.5, 6, 8, 9, 10, 11, 12, 13mm | |
| x1 | 7mm | |
| x8 | H2, H2.5, H3, H4, H5, H6, H7, H8 | |

### 16879

| | | |
|---|---|---|
| | x22 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32mm |
| 1/2" | x1 | 125mmL |
| | x1 | |
| | x4 | 140mml 10, 160mml 12, 190mml 18, 220mml 24 |
| | x1 | 190mml 7 |
| | x4 | 150mml 3, 180mml 4, 200mml 5, 210mml 6 |
| | x3 | 185mml 2, 185mml 3, 185mml 4 |
| | x1 | 185mml 4 |
| | x1 | 505gr |
| | x1 | 1106gr |
| | x1 | 608gr |

## 54134 — 1.485,00€

55.50 | - | 1 | 16 | 380mm | 500mm | 30mm

# TRUCK REPAIR TOOL SET

## 15730 — 289,00€

10.22 | - | 2 | 56



## 15731 — 214,00€

5.20 | - | 2 | 72



## 15732 — 294,00€

6.40 | - | 2 | 56



## 15733 — 118,00€

3.55 | - | 2 | 72



## 15734 — 289,00€

9.40 | - | 2 | 56



## 15735 — 156,00€

10.00 | - | 2 | 64



## 15736 — 489,00€

14.80 | - | 2 | 48



### 15730

| | | | | |
|---|---|---|---|---|
| 1/2" | x10 | | | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| | x9 | | | E10, E11, E12, E14, E16, E18, E20, E22, E24 |
| | x6 | 55mmL | | H5, H6, H7, H8, H10, H12 |
| | x1 | 65mmL | | H14 |
| | x5 | 70mmL | | H16, H17, H18, H19, H22 |
| | x3 | | | 50, 125, 250mm |
| | x1 | | | 430mm |
| | x1 | | | 10mm |
| | x1 | | | |
| 3/4" | x5 | | | 21, 24, 27, 34, 36mm |
| | x4 | | | 24, 30, 32, 36mm |
| 3/8" | x1 | | | 10mm |
| 1/4" | x3 | | | 300, 380, 450mm |
| | x1 | | | 150mm |
| 1/4" | x7 | 10x30mmL | | H4, H5, H6, H7, H8, H10, H12 |
| | x5 | | | M5, M6, M8, M10, M12 |
| | x7 | | | T20, T25, T30, T40, T45, T50, T55 |
| | x7 | 10x75mmL | | H4, H5, H6, H7, H8, H10, H12 |
| | x5 | | | M5, M6, M8, M10, M12 |
| | x7 | | | T20, T25, T30, T40, T45, T50, T55 |

### 15731

| | |
|---|---|
| x12 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32mm |
| x13 | 6, 7, 8, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24mm |

### 15732

| | |
|---|---|
| x3 | 10, 13, 17mm |
| x3 | 10x11, 12x13, 14x17mm |
| x3 | E10xE12, E14xE18, E20xE24 |
| x5 | 8x10, 11x13, 14x15, 16x17, 18x19mm |
| x4 | 27, 30, 32, 36mm |
| x4 | 10, 13, 17, 19mm |

### 15733

| | |
|---|---|
| x6 | PH0×75, PH1×75, PH2×100, PH2×38, PH3×150, PH4×200mmL |
| x6 | SL3.5×75, SL5×75, SL6×100, SL6×38, SL8×150, SL9.5×200mmL |
| x3 | 10x11, 12x13, 14x15mm |
| x5 | 10x11, 12x13, 14x15, 16x17, 18x19mm |

### 15734

| | | |
|---|---|---|
| 3/4" | x1 | 500mm |
| 3/4" | x1 | 500mm |
| | x1 | 1 Kg |
| | x6 | 24, 27, 30, 32, 36, 41mm |
| | x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm |

### 15735

| | | | | |
|---|---|---|---|---|
| x1 | 330mm-90° | x1 | 300mm | |
| x1 | 330mm | x1 | 160mm | |
| x1 | 330mm-90° | x1 | 180mm | |
| x1 | 330mm | x1 | 220mm | |
| x1 | 300mm - 45° | x1 | 250mm | |
| x1 | 300mm - 90° | | | |

### 15736

| | | | | |
|---|---|---|---|---|
| 1/2" | x10 | 78mml | | 13, 14, 15, 16, 17, 18, 19, 21, 22, 24mm |
| 3/4" | x9 | 78mml | | 22, 24, 27, 30, 32, 33, 36, 38, 46mm |
| 1/2" | x2 | 90mml | | 51, 60mm |
| 1/2" | x6 | 90mml | | T40, T45, T50, T55, T60, T70 |
| 1/2" | x4 | 78mml | | H6, H8, H14, H17 |
| 3/4" | x3 | 100mml | | T80, T90, T100 |
| 1/2" | x1 | 40mml | | M18 |
| | x1 | | | 1/2"(M)x3/4"(H) |
| | x1 | | | 3/4"(M)x1/2"(H) |
| | x1 | | | 125mm |
| 1/2" | x1 | | | |
| 3/4" | x1 | | | |

## 54720 — 1.549,00€

34.90 | - | 1 | 1 | 395mm | 525mm | 60mm

# SET OF 7 EVA CARBON MODULES FOR TOOL TROLLEY

### 17138 — 245,00€
5.50 | - | 1 | 72



### 17139 — 130,00€
3.20 | - | 1 | 72



### 18463 — 167,00€
4.00 | - | 1 | 72



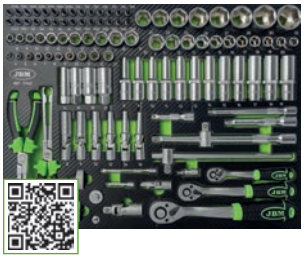
### 17141 — 369,00€
4.90 | - | 1 | 72



### 17142 — 222,00€
5.00 | - | 1 | 72



### 17143 — 313,00€
9.00 | - | 1 | 72



### 17144 — 385,00€
8.80 | - | 1 | 68



**17138**

| | | |
|---|---|---|
| x19 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm | |
| x8 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x23mm | |
| x6 | E6x8, E7x11, E10x12, E14x18, E16x22, E20x24 | |
| x6 | 8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm | |
| x2 | 10x11, 12x13mm | |

**17139**

| | | |
|---|---|---|
| x9 | | |
| x9 | | |
| x5 | PH0x75, PH1x100, PH2x125, PH2x38, PH3x150 | |
| x5 | SL4x100, SL5.5x125, SL6.5x150, SL6x38, SL8x200 | |
| x9 | T8, T9, T10, T15, T20, T25, T27, T30, T40 | |
| x4 | 6, 7, 8, 10mm | |

**18463**

| | | | |
|---|---|---|---|
| x2 | 160mm (Interal) | x1 | 220mm |
| x2 | 160mm (External) | x1 | 5m |
| x4 | 160, 180, 200, 210mm | x1 | 18mm |
| x1 | 0.05-1 mm | x10 | 0,5x18x100mm |
| x4 | 200mm | x1 | 240mm |
| x1 | 235mm | | |

**17141**

| | | | |
|---|---|---|---|
| x9 | 3/8", 5/16", 7, 8, 10, 11, 12, 13, 14mm | | |
| x1 | 10mm | | |
| x6 | 8, 9, 10, 12, 14, 17mm | | |
| x1 | M16 | x1 | 270mm |
| x1 | 10mm | x1 | 22mm |
| x1 | 10mm | x1 | Ø65-125mm |
| x2 | 14, 19mm | x1 | 50-125mm |
| x4 | 27, 32, 36, 74mm | x2 | Ø4, 5mm |
| x5 | 15, 17, 19, 21, 22mm | x1 | 175mm |
| x1 | 162mm | x2 | |
| x1 | | x1 | 250mm |

**17142**

| | | | |
|---|---|---|---|
| x1 | 150-675mm | x5 | Ø 3, 4, 5, 6, 8mm |
| x1 | 510mm | x3 | 7, 18 20mm |
| x1 | 85Lm | x1 | 25x200mm |
| x1 | 1000g | x1 | 225mm |
| x1 | 400g | x1 | 195x30mm |
| x1 | 400g | x1 | 370mm |
| x4 | Ø 3, 4, 5, 6mm | | |

**17143**

| | | |
|---|---|---|
| | x19 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 26, 27, 28, 30, 32mm |
| 1/2" | x2 | 120, 250mm |
| 1/2" | x1 | 72 |
| 1/2" | x1 | |
| 1/4" | x7 | TS10, 15, 20, 25, 27, 30, 40 |
| 1/4" | x1 | PH2 |
| 1/4" | x1 | SL5.5 |
| 1/4" | x5 | H3, 4, 5, 6, 7 |
| 1/4" | x7 | T10, 15, 20, 25, 27, 30, 40 |
| 1/4" | x7 | T10H, T15H, T20H, T25H, T27H, T30H, T40H |
| | x10 | 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm |
| | x2 | 50, 100mm |
| | x2 | 72 |
| | x1 | |
| | x6 | 8, 9, 10, 12, 14, 16mm |
| | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| | x12 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm |
| | x2 | 72 |
| | x2 | 75, 150mm |
| 3/8" | x3 | 16, 18, 21mm |
| 3/8" | x1 | |
| 3/8" | x3 | 3/8"Fx1/4"M, 1/2"Fx3/8"M, 3/8"Fx1/2"M |
| 3/8" | x1 | 14mm |
| 3/8" | x1 | 250mm |
| 3/8" | x2 | 235, 265mm |

**17144**

| | | |
|---|---|---|
| | x19 | H10 (140mm), 5, 6, 7, 8, 10, 12, 14 (100mm), 6 (240mm), 5, 6, 7, 8, 9, 10, 12, 14, 17, 19 |
| | x5 | R7, 8 (240mm), 10 (140mm), 9, 10 (100mm) |
| | x13 | M5, 6, 8, 9, 10, 12, 14, 16 (55mm), 6, 8, 10, 12, 14 (100mm) |
| 1/2" | x19 | T25, 27, 30, 40, 45, 50, 55, 60, 70 (100mm), 25, 27, 30, 40, 45, 50, 55, 60, 70 (140mm), 70 |
| 1/2" | x1 | M18 (78mm) |
| 1/2" | x6 | 13, 14, 15, 17, 19, 21mm |
| 1/2" | x9 | E10, 11, 12, 14, 16, 18, 20 22, 24, |
| 1/2" | x1 | |
| 1/4" | x5 | 6, 8, 10, 11, 12mm |
| 1/4" | x31 | |
| 1/4" | x2 | |

## 17728 — 445,00€

14.70 | - | 1 | 30

# COMPLETE TRAY FOR UPPER DRAWER 54510

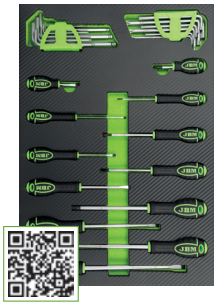



| | | | |
|---|---|---|---|
| 1/2" | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm | |
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | |
| 1/2" | x5 | 14, 15, 17, 19, 22mm | |
| 1/4" | x8 | 6, 7, 8, 9, 10, 11, 12, 13mm | |
| 1/2" | x8 | E10, E11, E12, E14, E16, E18, E20, E24 | |
| 1/4" | x5 | E4, E5, E6, E7, E8 | |
| | x2 | 1/2", 1/4" | |
| 1/2" | x2 | 125, 250mm | |
| 1/4" | x2 | 50, 100mm | |
| | x2 | 1/2", 1/4" | |
| | x1 | F1/2" - M3/8" | |
| 1/2" | x2 | 16, 21mm | |
| | x3 | 1.5, 2, 2.5mm | |
| 1/4" | x1 | | |
| 1/4" | x1 | | |
| 1/2" | x1 | 8mm | |
| | x2 | PH1, 2 | |
| | x2 | PZ1, 2 | |
| 1/4" | x4 | 3, 4, 5, 6mm | |
| | x3 | SL4, 5.5, 6.5 | |
| | x7 | T8, 10, 15, 20, 25, 27, 30 | |
| | x2 | PH3, 4 | |
| | x2 | PZ3, 4 | |
| 8mm | x5 | 7, 8, 10, 12, 14mm | |
| | x3 | SL8, 10, 12 | |
| | x5 | T40, 45, 50, 55, 60 | |

## 17729 — 445,00€

14.70 | - | 1 | -

# COMPLETE TRAY FOR UPPER DRAWER 54511





| | | |
|---|---|---|
| x8 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm | |
| x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 24mm | |
| x6 | PH2x38, PH0x75, PH1x100, PH2x100, PH3x150, PH4x200 | |
| x6 | SL6x38, SL3x100, SL5x75, SL6x100, SL8x150, SL10x200 | |
| x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm | |
| x9 | 10, 15, 20, 25, 27, 30, 40, 45, 50mm | |
| x1 | 35mm | |
| x1 | 450g | |
| x1 | 10" | |
| x1 | 8" | |
| x1 | 8" | |
| x1 | 8" | |
| x1 | 10" | |
| x1 | 7,5" | |
| x1 | 3m | |

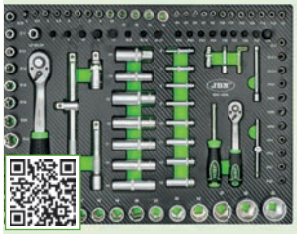
## 54836 — 318,00€

11.80 | - | 1 | 20 | 380mm | 500mm | 30mm | NEW

# SET OF 3 EVA CARBON MODULES FOR TOOL TROLLEY

## 14296 — 122,00€

6.05 | - | 4 | 48

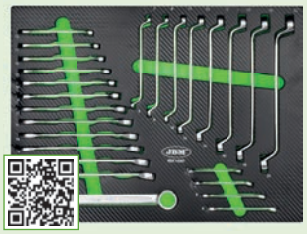


**14296**

| | | |
|---|---|---|
| 1/2" | x17 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm |
| 1/4" | x13 | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| 1/2" | x5 | 14, 15, 17, 19, 22mm |
| 1/4" | x8 | 6, 7, 8, 9, 10, 11, 12, 13mm |
| 1/2" | x8 | E10, E11, E12, E14, E16, E18, E20, E24 |
| 1/4" | x5 | E4, E5, E6, E7, E8 |
| | x2 | 1/2", 1/4" |
| 1/2" | x2 | 125, 250mm |
| 1/4" | x2 | 50, 100mm |
| | x2 | 1/2", 1/4" |
| | x1 | F1/2" - M3/8" |
| 1/2" | x2 | 16, 21mm |
| | x3 | 1.5, 2, 2.5mm |
| 1/4" | x1 | |
| 1/4" | x1 | |
| 1/2" | x1 | 8mm |
| | x2 | PH1, PH2 |
| | x2 | PZ1, PZ2 |
| 1/4" | x4 | 3, 4, 5, 6mm |
| | x3 | SL4, SL5.5, SL6.5 |
| | x7 | T8, T10, T15, T20, T25, T27, T30 |
| | x2 | PH3, PH4 |
| | x2 | PZ3, PZ4 |
| 8mm | x5 | 7, 8, 10, 12, 14mm |
| | x3 | SL8, SL10, SL12 |
| | x5 | T40, T45, T50, T55, T60 |

## 14297 — 93,00€

3.30 | - | 4 | 112



**14297**

| | | |
|---|---|---|
| x8 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm | |
| x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 24mm | |

## 17775 — 99,00€

2.48 | - | 1 | 96



**17775**

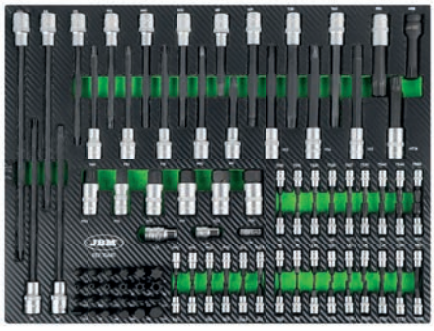
| | | |
|---|---|---|
| x5 | SL3x75, 4x75, 5.5x125, 6.5x150, 8x200 | |
| x3 | PH1x100, 2x100, 3x150 | |
| x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8,10mm | |
| x1 | 175mm | |
| x1 | 240mm | |
| x1 | 180mm | |
| x1 | 200mm | |



## 15681 — 143,00€

2.70 | - | 4 | 48

380mm | 500mm | 30mm



| | | | |
|---|---|---|---|
| | | x3 | 1/2", 3/8" (8mm), 1/4" (6mm) |
| 8mm | | x5 | 7, 8, 10, 12, 14mm |
| | | x2 | PH3, PH4 |
| | | x2 | PZ3, PZ4 |
| | | x3 | SL8, SL10, SL12 |
| | | x6 | T40, T45, T50, T55, T60, T70 |
| | | x6 | T40, T45, T50, T55, T60, T70 |

| | | | |
|---|---|---|---|
| 1/2" | | x9 | H7 (230mmL), H10, H11, H13 (140mmL), H14, H17, H19, H22, H24 (55mmL) |
| | | x6 | M9 (100mmL), M10, M12, M14 (140mmL), M16 (53mmL), M16 (100mmL) |
| | | x4 | R7, R8 (240mmL), R9 (100mmL), R10 (140mmL) |
| | | x8 | T30 (300mmL), T40, T45, T50, T55, T60, T70 (140mmL), T80 (100mmL) |
| | | x1 | HT5 (160mmL) |
| | | x1 | M18 |
| 1/4" | | x6 | H3, H4, H5, H6, H7, H8 |
| | | x3 | M8, M10, M12 |
| | | x4 | PH0, PH1, PH2, PH3 |
| | | x4 | PZ0, PZ1, PZ2, PZ3 |
| | | x4 | SL4, SL5.5, SL6.5, SL7 |
| | | x9 | T8, T9, T10, T15, T20, T25, T27, T30, T40 |
| | | x9 | T8, T9, T10, T15, T20, T25, T27, T30, T40 |
| | | x9 | TS10, TS15, TS20, TS25, TS27, TS30, TS40, TS45, TS50 |

## 15158 — 63,00€

1.30 | - | 10 | 200

390mm | 180mm | 40mm



x7 — 8, 10, 11, 13, 14, 17, 19mm

## 15159 — 44,00€

0.75 | - | 10 | 200

390mm | 180mm | 40mm



x5 — 8x10, 11x13, 14x15, 17x19, 20x22mm

## 15160 — 45,00€

0.80 | - | 10 | 200

390mm | 180mm | 40mm



x6 — 8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm

## 15161 — 62,00€

2.10 | - | 10 | 180

390mm | 180mm | 40mm



x4 — 27, 29, 30, 32mm

## 15316 — 58,00€

0.85 – 10 300

390mm | 180mm | 40mm



x3 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 53943 — 23,50€

0.80 – 10 240

390mm | 180mm | 40mm



x7 PH0x120, 1x80, 1x100, 2x38, 2x100, 3x150, 4x200

## 53944 — 22,50€

0.80 – 10 240

390mm | 180mm | 40mm



x7 SL4x125, 5x80, 5x100, 6x38, 6x100, 8x150, 9x200

## 53945 — 21,00€

0.60 – 10 240

390mm | 180mm | 40mm



x7 T8x75, 9x75, 10x75, 15x75, 20x75, 25x100, 27x100

## 13667 — 24,00€

0.83 – 10 240

385mm | 175mm | 30mm

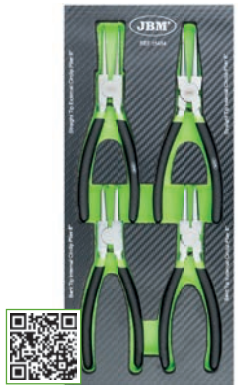


x1 253mm

## 15454 — 35,40€

1.10 – 10 300

390mm | 180mm | 40mm



x4 8"

## 15541 — 29,50€

0.95 – 10 240

390mm | 180mm | 40mm



x3 180, 200, 200mm

## 15122 — 80,00€

1.70 – 10 220

390mm | 180mm | 40mm



x12 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 15155 — 61,00€

2.45 – 10 180

390mm | 180mm | 40mm



x11 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 15315 — 30,00€

1.05 – 10 150

390mm | 180mm | 40mm



x5 8"

## 15156 — 70,00€

2.05 – 10 180

390mm | 180mm | 40mm



x4 21x23, 24x27, 25x28, 30x32mm

## 15157 — 42,00€

0.95 – 10 200

390mm | 180mm | 40mm



x6 6x8, 10x12, 13x14, 15x17, 19x21, 22x24mm

## 15514 — 9,35€

0.05 | - | 10 | 360

390mm | 180mm | 40mm



EMPTY

## 16111 — 21,50€

0.61 | - | 10 | 200

390mm | 180mm | 40mm



x1 220mm

## 15799 — 31,00€

1.35 | - | 10 | 240

390mm | 180mm | 40mm



x1 35mm x1 450g

## 54032 — 84,00€

1.45 | - | 10 | 240

380mm | 175mm | 45mm



x12 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

## 52912 — 94,00€

1.62 | - | 10 | 240

390mm | 180mm | 40mm



x6 E6x7, 8x10, 11x12, 14x16, 18x20, 22x24

## 54066 — 83,00€

2.00 | - | 5 | 175

390mm | 180mm | 40mm



x7 8, 10, 12, 13, 14, 17, 19mm

## 51864 — 69,00€

1.87 | - | 10 | 200

490mm | 190mm | 34mm



x6 10x11, 12x14, 13x15, 16x18, 17x19, 22x24mm

## 15706 — 32,00€

0.55 | - | 10 | 240

390mm | 180mm | 40mm



## 51805 — 17,00€

0.33 | 4 | 20 | 640

225mm | 97mm | 34mm



x5 50, 75, 100, 152, 227mm

## 51447 — 16,00€

0.34 | 5 | 20 | 960

225mm | 95mm | 34mm



x5 50, 75, 100, 152, 227mm

## 51448 — 52,00€

2.38 | - | 5 | 270

530mm | 120mm | 30mm



x5 50, 125, 250, 380, 510mm



## 54158 — 38,00€

1.70 | - | 10 | 200

175mm | 390mm | 34mm

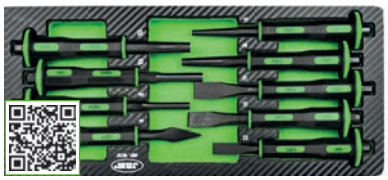


| | | |
|---|---|---|
| x7 | 30mmL | H4, H5, H6, H7, H8, H10, H12 |
| x5 | | M5, M6, M8, M10, M12 |
| x8 | | T20, T25, T30, T40, T45, T50, T55, T60 |
| x7 | 70mmL | H4, H5, H6, H7, H8, H10, H12 |
| x5 | | M5, M6, M8, M10, M12 |
| x8 | | T20, T25, T30, T40, T45, T50, T55, T60 |
| x2 | | 1/2", 3/8" |

## 15737 — 48,50€

1.70 | - | 10 | 200

175mm | 390mm | 34mm



| | |
|---|---|
| x3 | 12x160, 16x175, 19x180mm |
| x1 | 6x180mm |
| x3 | 6x180, 8x180, 10x180mm |
| x2 | 8x180, 10x180mm |

## 15084 — 68,00€

1.65 | - | 10 | 220

390mm | 180mm | 40mm



| | | |
|---|---|---|
| x2 | 5/16", 3/8" | |
| x7 | 7, 8, 10, 11, 12, 13, 14mm | |
| x1 | 10mm | |
| x1 | 10mm | |
| x7 | 8, 9, 10, 12, 13, 14, 17mm | |
| x1 | T45 | |
| x1 | M16 | |
| x1 | 200mm | x1 150mm |

## 53979 — 38,00€

1.00 | - | 10 | 150

345mm | 390mm | 45mm



x8 T10x75, T15x75, T20x100, T25x100, T30x150, T40x150, T45x200, T50x200

## 53980 — 38,00€

1.00 | - | 10 | 180

345mm | 390mm | 45mm



x8 H2x100, H2.5x100, H3x100, H4x150, H5x150, H6x200, H8x200, H10x200

## 54481 — 113,00€

3.60 | - | 5 | 100

380mm | 500mm | 30mm

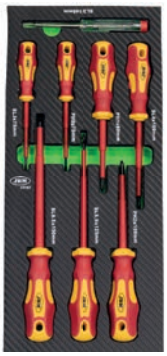


x7 7, 8, 9, 10, 13, 17, 19mm (465mm)

## 15162 — 32,50€

0.65 | - | 10 | 240

390mm | 180mm | 40mm



| | | |
|---|---|---|
| x4 | SL3x75, 4x100, 5.5x125, 6.5x150mm | |
| x3 | PH0x75, 1x80, 2x100mm | |
| x1 | SL3x140mm | |

## 54093 — 441,00€

2.88 | - | 4 | 64

380mm | 500mm | 30mm



| | | |
|---|---|---|
| x10 | 8, 10, 11, 12, 13, 14, 16, 17, 19, 22mm | |
| x2 | 4x100, 5,5x125mmL | |
| x2 | PH1x80, PH2x100mmL | |
| x6 | 7x86, 8x99, 10x109, 12x127, 14x141, 17x156mmL | |
| x1 | 160mm | |
| x1 | 185mm | |
| x1 | | |
| x1 | 110mm | |
| x1 | 200mm | |
| x1 | 125mm | |

## 17775 — 99,00€

NEW

2.48 | - | 1 | 96

380mm | 500mm | 30mm



| | | | | |
|---|---|---|---|---|
| x5 | SL3x75, 4x75, 5.5x125, 6.5x150, 8x200 | | | |
| x3 | PH1x100, 2x100, 3x150 | | | |
| x9 | 1.5, 2, 2.5, 3, 4, 5, 6, 8,10mm | | | |
| x1 | 175mm | x1 | 180mm | |
| x1 | 240mm | x1 | 200mm | |

## 11994 — 39,50€

0.77 | - | 10 | 233

390mm | 180mm | 40mm



| | | | | |
|---|---|---|---|---|
| x13 | **1/4"** | 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm | | |
| x2 | **1/4"** | 125, 150mm | | |
| x1 | | | x1 | |
| x1 | | | x1 | |

## 53620 — 99,00€

3.52 | - | 4 | 112

390mm | 525mm | 30mm



| | | |
|---|---|---|
| x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm |
| x8 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm |

## 11996 — 54,00€

2.10 | - | 10 | 240

175mm | 390mm | 35mm



| | | |
|---|---|---|
| x10 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32mm |

## 11997 — 42,00€

1.92 | - | 10 | 360

175mm | 390mm | 35mm



| | |
|---|---|
| x8 | 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22mm |

## 11998 — 59,00€

1.96 | - | 10 | 180

175mm | 390mm | 35mm



| | |
|---|---|
| x17 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22mm |

## 53671 — 41,00€

0.85 | - | 10 | 520

390mm | 180mm | 40mm



| | |
|---|---|
| x3 | 1/4" - 85mm<br>1/2" - 135mm<br>3/8" - 102mm |

## 13668 — 20,50€

0.61 | - | 10 | 300

175mm | 390mm | 35mm



| | | | | |
|---|---|---|---|---|
| x1 | 3m | x1 | 50mm | |
| x1 | 230mm | x1 | 250mm | |

## 14114 — 21,00€

0.93 | - | 10 | 360

175mm | 390mm | 35mm



| | | |
|---|---|---|
| x1 | 10" | |
| x1 | 10" | |

## 10735 — 22,50€

0.98 | - | 10 | 300

175mm | 390mm | 35mm



| | | |
|---|---|---|
| x5 | 8" | |

## 51738

850,00€

81.50 - 1 5

### WORKBENCH WITH 3 DRAWERS

| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 3 |
| **Drawer dimensions** | 348x441x142mm |
| **Drawer capacity** | 50Kg |
| **Capacity** | 1T |
| **Weight** | 81,50Kg |
| **Dimensions (LxWxH)** | 2000x640x865mm |



SPARE PARTS AVAILABLE

## 51737

699,00€

65.50 - 1 5

### WORKBENCH WITH 2 DRAWERS

| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 2 |
| **Drawer measurements** | 348x441x142mm |
| **Large drawer capacity** | 50Kg |
| **Capacity** | 800Kg |
| **Weight** | 65,50Kg |
| **Dimensions (LxWxH)** | 1500x640x865mm |



SPARE PARTS AVAILABLE

## 53674

447,00€

50.00 - 1 5

### WORKBENCH WITH 1 DRAWER

| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 1 |
| **Drawer dimensions** | 348x441x142mm |
| **Drawer capacity** | 50Kg |
| **Capacity** | 800Kg |
| **Weight** | 50,00Kg |
| **Dimensions (LxWxH)** | 1100x640x865mm |



SPARE PARTS AVAILABLE



## 51035

799,00€

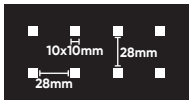
86.50 | - | 1 | 5

# WORKBENCH WITH 2 DRAWERS WITH PANEL



SPARE PARTS AVAILABLE

**SQUARE HITCH**




| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 2 |
| **Drawer dimensions** | 348x441x142mm |
| **Drawer capacity** | 50Kg |
| **Capacity** | 600Kg |
| **Weight** | 86,50Kg |
| **Dimensions (LxWxH)** | 1500x640x1550mm |

## 54328

199,00€

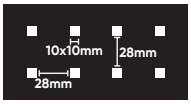
30.60 | - | 1 | 12

# WORKBENCH WITH PANEL



TOOLS NOT INCLUDED

**SQUARE HITCH**

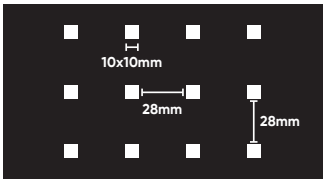



| | |
|---|---|
| **Material** | Hierro/Iron, Madera/Wood |
| **Working height** | 800mm |
| **Working range** | 1200x600mm |
| **Maximum load** | 150,00Kg |
| **Weight** | 30,60Kg |
| **Folded dimensions** | 1200x122x1440mm |
| **Dimensions (LxWxH)** | 1200x640x1440mm |



# ACCESSORIES FOR TOOL TROLLEYS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 54758 | MAGNETIC GLOVE DISPENSER | 1.06 | - | 12 | 144 | 18,00€ |
| 54759 | MAGNETIC SOCKET ORGANIZER SYSTEM, 38PCS | 0.90 | - | 10 | 600 | 25,00€ |
| 15068 | PAPER ROLL HOLDER FOR CABINET | 0.65 | - | 25 | 1200 | 16,50€ |
| 18379 | PAPER ROLL HOLDER (XL TROLLEYS) | 0.61 | - | 32 | 192 | 15,20€ |
| 15069 | FILE HOLDER FOR CABINET | 1.65 | - | 1 | 80 | 35,00€ |
| 15313 | SPRAY HOLDER FOR TOOL CABINET | 0.60 | - | 1 | 340 | 14,00€ |
| 14354 | SPRAY HOLDER FOR CABINET | 0.60 | - | 20 | 160 | 14,00€ |
| 16359 | DRILL BITS HOLDER TRAY FOR TOOL TROLLEY | 0.20 | - | 30 | - | 10,00€ |
| 16361 | SPRAY HOLDER FOR TOOL TROLLEY | 0.84 | - | 30 | 240 | 16,50€ |
| 16362 | SHELF FOR TOOL TROLLEY | 0.94 | - | 30 | 240 | 23,00€ |
| 16363 | PEN HOLDER FOR TOOL TROLLEY | 0.40 | - | 30 | - | 14,50€ |
| 16344 | HANDABLE RUBBISH BIN FOR CABINET | 1.58 | - | 4 | 72 | 43,50€ |
| 16358 | SPECIAL HOOK SCREWDRIVERS | 0.45 | - | 30 | 660 | 12,00€ |
| 16360 | SPECIAL HOOK SPANNERS FOR TOOL TROLLEY | 0.38 | - | 30 | 570 | 12,00€ |








54758



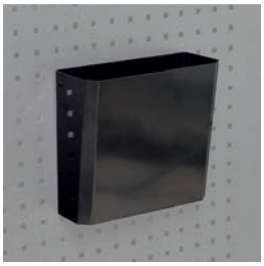
54759



15068



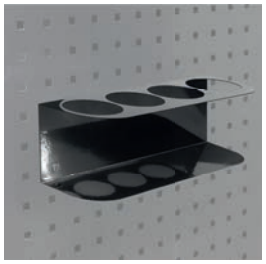
18379



15069



15313



14354



16359



16361



16362



16363



16344



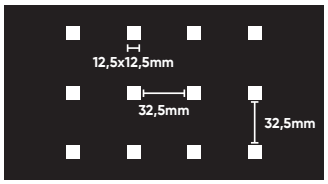
16358



16360

## ACCESSORIES FOR TOOL TROLLEYS

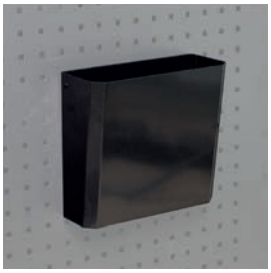
| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 16161 | PAPER ROLL HOLDER FOR CABINET | 0.55 | - | 25 | - | 20,00€ |
| 16162 | FILE HOLDER FOR CABINET | 1.91 | - | 4 | 96 | 38,50€ |
| 16163 | SPRAY HOLDER FOR TOOL CABINET | 0.35 | - | 20 | 280 | 12,10€ |







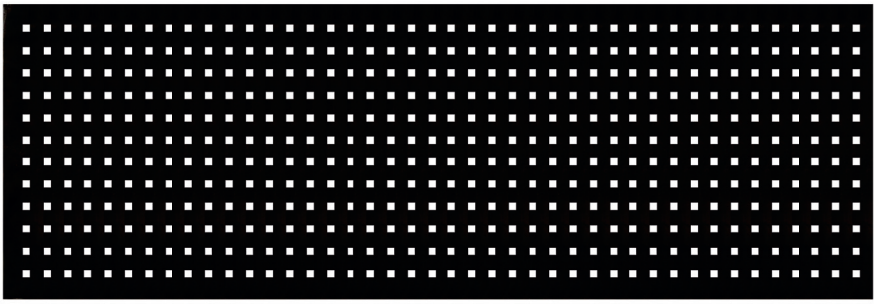
16161


16162


16163

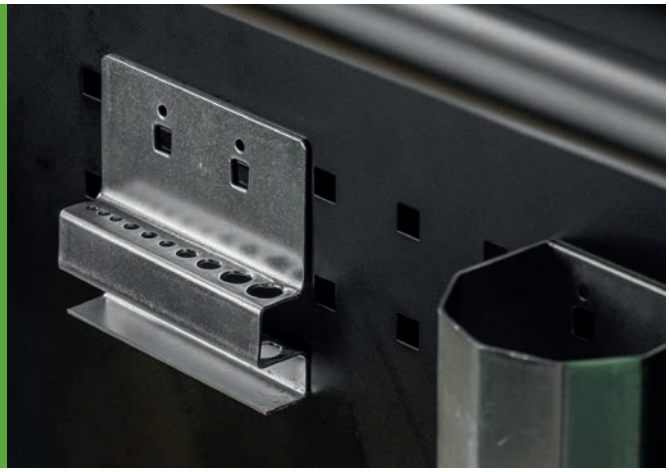
## WALL PANELS

| REF. | mm | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 52419 | 1000x600mm | 10x10mm | 28mm | Square hitch | 7.07 | - | 1 | 30 | 90,00€ |
| 52420 | 1500x600mm | 10x10mm | 28mm | Square hitch | 10.80 | - | 4 | 30 | 121,00€ |
| 52421 | 2000x600mm | 10x10mm | 28mm | Square hitch | 14.00 | - | 1 | 38 | 194,00€ |

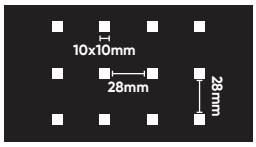


**YOU MAY BE INTERESTED IN...**

To know which accessory is compatible with your cart, you need to check the dimensions of the panel boxes. You can measure them directly on yours or verify that the ones shown in this section match the references of the carts listed in the catalog.



# HOOKS




| REF. | mm | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 16861 | 50mm | SINGLE HOOK 50MM - BLACK | 0.03 | 10 | 100 | 6000 | 1,50€ |
| 16354 | 100mm | SINGLE HOOK 100MM | 0.04 | 10 | 100 | 6600 | 1,50€ |
| 16355 | 200mm | SINGLE HOOK 200MM | 0.06 | 10 | 100 | 3000 | 2,00€ |
| 16865 | 50mm | DOUBLE HOOK 50MM - BLACK | 0.07 | 10 | 100 | 5000 | 2,00€ |
| 16356 | 100mm | DOUBLE HOOK 100MM | 0.08 | 10 | 100 | - | 2,50€ |
| 16357 | 200mm | DOUBLE HOOK 200MM | 0.10 | 10 | 100 | - | 2,80€ |


16861

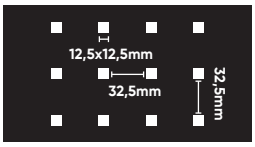

16354


16355


16865


16356


16357




| REF. | mm | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 51655 | 31mm | HOOK WITH TWO SHORT TIPS FOR WORK TABLE | 0.07 | 10 | 100 | 4000 | 4,70€ |
| 51658 | 82mm | LONG HOOK WITH TWO TIPS FOR WORK TABLE REF. 52419,52420,52421 | 0.05 | 10 | 100 | 1500 | 5,10€ |
| 51656 | 91mm | HOOK WITH ONE TIP FOR WORK TABLE | 0.05 | 10 | 100 | 1500 | 4,20€ |
| 51654 | 95mm | HOOK WITH CLOSED TIP FOR WORK TABLE | 0.09 | 10 | 100 | 4000 | 4,20€ |
| 52635 | 200mm | EXTRA LONG HOOK FOR WORK TABLE | 0.14 | 10 | 50 | 1500 | 5,30€ |
| 51657 | 400mm | SPECIAL HOOK SCREWDRIVERS | 0.30 | 10 | 50 | 1000 | 6,50€ |
| 51653 | 148mm | SPECIAL HOOK SPANNERS | 0.28 | - | 10 | 840 | 5,80€ |


51655


51658

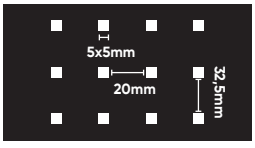

51656


51654


52635


51657


51653




| REF. | mm | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 51975 | 30mm | HOOK FOR MURAL | 0.03 | - | 100 | 4000 | 3,40€ |
| 51419 | 75mm | L LONG SINGLE HOOK FOR CABINET | 0.03 | - | 100 | 2000 | 3,40€ |
| 51420 | 50mm | J SHORT SINGLE HOOK FOR CABINET | 0.03 | - | 100 | - | 3,40€ |
| 51422 | 95mm | L LONG DOUBLE HOOK FOR CABINET | 0.05 | - | 100 | 1500 | 3,40€ |


51975


51419


51420


51422

## 54784 — 170,00€

12.00 | - | 1 | 14

NEW

### 3-TIER STORAGE SHELF FOR ELECTRIC TOOLS







| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 1 |
| **Drawer dimensions** | 449x231x78mm |
| **Drawer capacity** | 3Kg |
| **Tool slots** | 5 |
| **Compartments** | 3 |
| **Weight** | 12,00Kg |
| **Dimensions (LxWxH)** | 540x250x340mm |



## 54840 — 23,00€

0.60 | 5 | 20 | 300

NEW

### STANDARD TOOL TROLLEY COVER (770X485X820MM)



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | Poliéster/ Polyester |
| **Compatible with** | 54717, 54006, 53904, 54295, 54296, 54297, 53867, 54503 |
| **Weight** | 0,60Kg |
| **Dimensions (LxWxH)** | 770x485x820mm |

## 54841 — 27,00€

0.70 | 5 | 20 | 300

NEW

### XL TOOL TROLLEY COVER (1010X485X820MM)



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | Poliéster/ Polyester |
| **Compatible with** | 53869, 54690, 53870 |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 1010x485x820mm |

## NEW LOCK CYLINDERS WITH KEY FOR CABINET

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 16776 | 601 | 0.05 | - | 100 | 14080 | 12,00€ |
| 16777 | 602 | 0.05 | - | 100 | 14080 | 12,00€ |
| 16778 | 603 | 0.05 | - | 100 | 14080 | 12,00€ |
| 16779 | 604 | 0.05 | - | 100 | 14080 | 12,00€ |
| 16780 | 605 | 0.05 | - | 100 | 14080 | 12,00€ |



601-605



1010 - 1019

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 18357 | 1010 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18358 | 1011 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18359 | 1012 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18360 | 1013 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18361 | 1014 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18362 | 1015 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18363 | 1016 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18364 | 1017 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18365 | 1018 | 0.06 | 5 | 100 | 16000 | 12,00€ |
| 18366 | 1019 | 0.06 | 5 | 100 | 16000 | 12,00€ |

## PADLOCKS

| REF. | mm | | | | | | € |
|---|---|---|---|---|---|---|---|
| 53403 | 38mm | Short | 0.15 | 8 | 96 | 3168 | 6,50€ |
| 53405 | 32mm | Short | 0.10 | 8 | 96 | 3168 | 5,70€ |
| 53406 | 50mm | Short | 0.30 | 8 | 48 | 1728 | 8,55€ |
| 53407 | 63mm | Short | 0.35 | 8 | 48 | 3168 | 13,60€ |
| 53408 | 75mm | Short | 0.76 | 3 | 24 | 840 | 21,00€ |
| 53409 | 50mm | Large | 0.30 | 8 | 48 | 3168 | 10,30€ |




## WATER RESISTANT PADLOCKS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 53400 | 40mm | 0.20 | 8 | 48 | 499 | 6,20€ |
| 53401 | 50mm | 0.35 | 8 | 48 | 499 | 8,00€ |
| 53402 | 65mm | 0.05 | 10 | 40 | 960 | 10,30€ |




**50843** 79,00€

5.61 - 1 60

## ADJUSTABLE WORK SEAT




| | |
|---|---|
| **Material** | Acero/Steel, PVC |
| **Capacity** | 135Kg |
| **Diameter** | 295mm |
| **Maximum height** | 520mm |
| **Minimum height** | 390mm |
| **Weight** | 5,61Kg |
| **Dimensions (LxWxH)** | 380x380x390mm |

**54583** 89,00€

5.60 - 1 30

## ADJUSTABLE WORK SEAT WITH REMOVABLE TRAYS




| | |
|---|---|
| **Material** | Acero/Steel, PVC |
| **Capacity** | 136Kg |
| **Diameter** | 300mm |
| **Maximum height** | 540mm |
| **Minimum height** | 400mm |
| **Weight** | 5,60Kg |
| **Dimensions (LxWxH)** | 470x300x550mm |

**50844** 65,00€

3.50 - 1 60

## WORK STOOL




| | |
|---|---|
| **Material** | Acero/Steel, PVC |
| **Capacity** | 115Kg |
| **Height** | 380mm |
| **Weight** | 3,50Kg |
| **Dimensions (LxWxH)** | 360x375x380mm |

## 55002

98,00€

10.80 | - | 1 | 16

NEW

### STEEL STOOL WITH REMOVABLE DETAILING TOOL TRAYS



| | |
|---|---|
| **Capacity** | 136Kg |
| **Material** | Acero/Steel |
| **Height** | 397mm |
| **Weight** | 10,80Kg |
| **Dimensions (LxWxH)** | 660x397x325mm |

## 52148

65,00€

6.00 | - | 1 | 22

### MECHANIC'S CREEPER



| | |
|---|---|
| **Material** | PE |
| **Capacity** | 150Kg |
| **Weight** | 6,00Kg |
| **Dimensions (LxWxH)** | 1020x480x120mm |

## 50808

77,00€

5.63 | - | 1 | 36

### MECHANIC'S CAR CREEPER AND SEAT



| | |
|---|---|
| **Material** | Acero/Steel, PVC |
| **Folded capacity** | 150Kg |
| **Capacity** | 120Kg |
| **Weight** | 5,63Kg |
| **Folded dimensions** | 500x440x150mm |
| **Dimensions (LxWxH)** | 930x440x105mm |

## 53211

75,00€

5.40 | - | 1 | 60

### CONVERTIBLE FOLDING CREEPER



| | |
|---|---|
| **Material** | Acero/Steel, PVC |
| **Folded capacity** | 120Kg |
| **Capacity** | 150Kg |
| **Weight** | 5,40Kg |
| **Folded dimensions** | 450x420x350mm |
| **Dimensions (LxWxH)** | 900x420x125mm |

## 52542

109,00€

12.70 | - | 1 | 20

### MECHANIC'S CAR CREEPER AND SEAT



| | |
|---|---|
| **Material** | Acero/Steel, PVC |
| **Folded capacity** | 115Kg |
| **Capacity** | 135Kg |
| **Weight** | 12,70Kg |
| **Folded dimensions** | 650x450x475mm |
| **Dimensions (LxWxH)** | 1180x420x105mm |

## TOOL BAGS

| REF. | DESCRIPTION | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 53702 | Small | 300mm | 305mm | 190mm | 1.00 | - | 10 | 150 | 34,50€ |
| 53703 | Medium | 300mm | 406mm | 190mm | 1.40 | - | 10 | 120 | 43,00€ |
| 53704 | Large | 300mm | 508mm | 230mm | 1.65 | - | 10 | 120 | 44,50€ |



53702



53703



53704

### 53782

14,00€

0.65 - 20 200

## TOOL BAG - 36L

| | |
|---|---|
| **Material** | Tela Oxford/Oxford Cloth |
| **Capacity** | 36L |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 500x250x290mm |





### 54080

54,00€

2.00 - 4 64

## TOOL BAG - 20L

| | |
|---|---|
| **Material** | Tela Oxford/Oxford Cloth |
| **Capacity** | 20L |
| **Weight** | 2,00Kg |
| **Dimensions (LxWxH)** | 480x210x340mm |





### 54374

79,00€

2.10 - 5 40

## TOOL BAG - 41L

| | |
|---|---|
| **Material** | Tela Oxford/Oxford cloth 1680D/600D, PVC |
| **Capacity** | 41L |
| **Weight** | 2,10Kg |
| **Dimensions (LxWxH)** | 360x230x500mm |





## 54804

99,00€

2.55 | - | 3 | 21

NEW

### TROLLEY BACKPACK

| | |
|---|---|
| **Material** | Poliéster/Polyester |
| **Capacity** | 38L |
| **Compartments** | 27 |
| **Weight** | 2,55Kg |
| **Dimensions (LxWxH)** | 310x280x500mm |









## 51575

317,00€

19.75 | - | 1 | 8

### 6 DRAWER TOOL CHEST BOX WITH SUPERIOR COMPARTMENT



| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 7 |
| **Top drawer measurements** | 650x303x70mm |
| **Small drawer measurements** | 170,5x273x48mm |
| **Measures medium drawer** | 570x273x48mm |
| **Dimensions large drawer** | 570x273x74,5mm |
| **Top drawer capacity** | 30Kg |
| **Small drawer capacity** | 20Kg |
| **Medium drawer capacity** | 30Kg |
| **Large drawer capacity** | 30Kg |
| **Capacity** | 100Kg |
| **Weight** | 19,75Kg |
| **Dimensions (LxWxH)** | 660x307x377mm |

## 51600

109,00€

8.45 | - | 1 | 16

### 3 DRAWER TOOL CHEST BOX WITH SUPERIOR COMPARTMENT



| | |
|---|---|
| **Material** | Acero/Steel |
| **Drawers** | 4 |
| **Top drawer measurements** | 530x235x47mm |
| **Drawer dimensions** | 472x205x40mm |
| **Top drawer capacity** | 20Kg |
| **Drawer capacity** | 15Kg |
| **Capacity** | 65Kg |
| **Weight** | 8,45Kg |
| **Dimensions (LxWxH)** | 537x240x289mm |

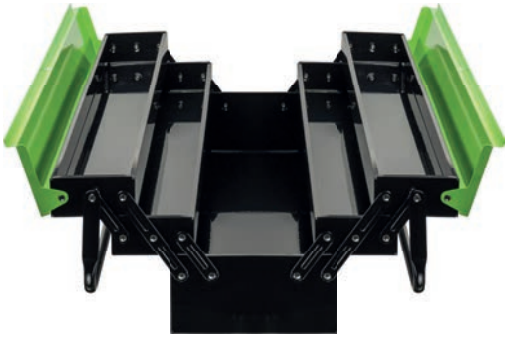
**SEE PAGE 24**

Discover the tool boxes we have available for you. See the exploded view of each one of them in the tool boxes section and choose the one that best suits your needs.



## CANTILEVER TOOL BOXES

| REF. | DESCRIPTION | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 54393 | CANTILEVER TOOL BOX 75CM | 750mm | 200mm | 220mm | 7.70 | - | 1 | 15 | 99,00€ |
| 54394 | CANTILEVER TOOL BOX 53 CM | 530mm | 200mm | 220mm | 5.70 | - | 1 | 22 | 70,00€ |
| 54395 | CANTILEVER TOOL BOX 45CM | 450mm | 200mm | 220mm | 6.20 | - | 1 | 24 | 58,00€ |
| 51574 | 5 TRAY CANTILEVER TOOL BOX | 405mm | 205mm | 205mm | 3.39 | - | 1 | 31 | 58,00€ |






**50957** 22,00€

1.13 - 12 48

### 24 + 2 COMPARTMENT BOX



| | |
|---|---|
| **Pieces** | Vacío/Empty |
| **Compartments** | 26 |
| **Weight** | 1,13Kg |
| **Dimensions (LxWxH)** | 540x80x280mm |

**50959** 14,00€

0.70 - 16 128

### 20 + 1 COMPARTMENT BOX



| | |
|---|---|
| **Pieces** | Vacío/Empty |
| **Compartments** | 21 |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 360x65x280mm |

**51050** 285,00€

21.95 - 1 8

### VERTICAL BIN RACK STORAGE WITH 47 COMPARTMENTS

**SMALL COMPARTMENTS**
Total: 32
Measurements: 16 x 10 x 7.5 cm
Shelf measurements: 84 x 16 x 8 cm
Total shelves: 4

**LARGE COMPARTMENTS**
Total: 15
Measurements: 24 x 14.5 x 13 cm
Shelf measurements: 84 x 14 x 24 cm
Total shelves: 3



**51051** 40,00€

1.61 - 12 48

### 5 COMPARTMENT ORGANIZER



Inseparable drawers

## 53031 — 64,00€

5.70 | - | 1 | 128

### 4" SWIVEL BASE VICE



| | |
|---|---|
| **Material** | Hierro/Iron |
| **Opening** | 75mm |
| **Mouth length** | 100mm |
| **Weight** | 5,70Kg |

## 53032 — 126,00€

13.71 | - | 1 | 72

### 6" SWIVEL BASE VICE



| | |
|---|---|
| **Material** | Hierro/Iron |
| **Opening** | 125mm |
| **Mouth length** | 150mm |
| **Weight** | 13,71Kg |

## 52869 — 55,00€

4.15 | - | 4 | 192

### BENCH VICE 100MM



| | |
|---|---|
| **Material** | Hierro/Iron |
| **Opening** | 75mm |
| **Mouth length** | 100mm |
| **Weight** | 4,15Kg |

## 52870 — 100,00€

10.90 | - | 1 | 84

### BENCH VICE 150MM



| | |
|---|---|
| **Material** | Hierro/Iron |
| **Opening** | 125mm |
| **Mouth length** | 150mm |
| **Weight** | 10,90Kg |

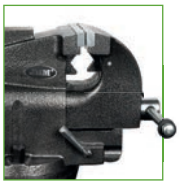
## 52871 — 258,00€

24.50 | - | 1 | 28

### QUICK RELEASE WORKSHOP VICE 150MM







| | |
|---|---|
| **Material** | Hierro/Iron |
| **Opening** | 254mm |
| **Mouth length** | 150mm |
| **Weight** | 24,50Kg |
| **Dimensions (LxWxH)** | 508x207x244mm |

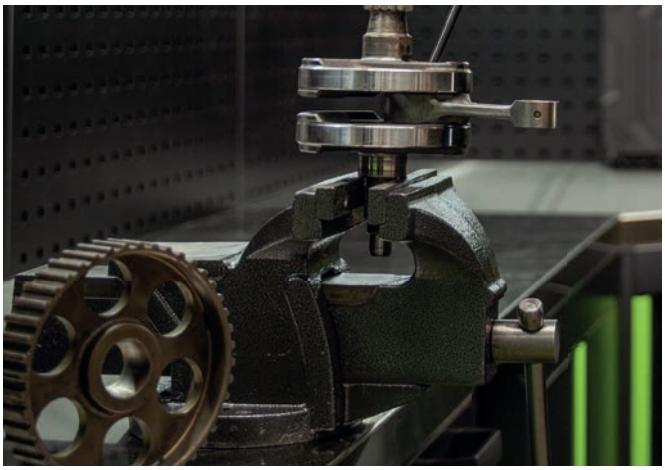
## 50789 — 29,00€

0.89 | 10 | 20 | 500

### MAGNETIC BAR FOR TOOLS



| | |
|---|---|
| **Type** | Imantado/Magnetised |
| **Weight** | 0,890mm |
| **Lenght** | 600mm |



## 53903 — 66,00€

1.65 | - | 10 | 100

### SET OF 3 SUPER GRIP FLEXIBLE TOOL TRAY

| REF. | DESCRIPTION | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 15010 | Small | 137mm | 285mm | 27mm | 0.40 | - | 20 | 360 | 17,90€ |
| 15011 | Medium | 202mm | 285mm | 27mm | 0.45 | - | 20 | 320 | 19,40€ |
| 15012 | Large | 300mm | 543mm | 27mm | 1.05 | - | 10 | 120 | 36,50€ |



15012



15011



15010

## 50787 — 8,00€

0.35 | 6 | 36 | 648

### ROUND MAGNETIC TRAY Ø150MM





| | |
|---|---|
| **Material** | Acero inoxidable/ Stainless steel |
| **Type** | Imantado/Magnetized |
| **Weight** | 0,35Kg |
| **Diameter** | 150mm |

## 50788 — 14,50€

0.62 | 6 | 24 | 552

### MAGNETIC RECTANGULAR TRAY



| | |
|---|---|
| **Material** | Acero inoxidable/ Stainless steel |
| **Type** | Imantado/Magnetized |
| **Weight** | 0,62Kg |
| **Dimensions (LxH)** | 139x239mm |

## 52466 — 11,00€

0.43 | 10 | 20 | 180

### MAGNETIC TRAY





| | |
|---|---|
| **Material** | ABS |
| **Type** | Imantado/Magnetized |
| **Weight** | 0,43Kg |
| **Diameter** | 150mm |

## 53958 — 6,50€

0.05 | 10 | 100 | -

### SET OF 5 MAGNETS






| | |
|---|---|
| **Capacity** | 2,25Kg |
| **Pieces** | 5 |
| **Material** | Neodimio/Neodymium |
| **Type** | Imantado/Magnetized |
| **Diameter** | 15mm |
| **Weight** | 0,05Kg |

## 54682 — 54,00€

1.70 | - | 10 | 40

### ROLLING KNEE CREEPER





| | |
|---|---|
| **Material** | Polipropileno/Polypropylene |
| **Maximum load** | 100Kg |
| **Weight** | 1,7Kg |
| **Dimensions (LxWxH)** | 500x255x85mm |

## 53192 — 53,00€

0.70 | - | 2 | 48

### CLOSED-CELL EVA FOAM




| | |
|---|---|
| **Material** | Espuma EVA/EVA foam |
| **Weight** | 0,70Kg |
| **Folded dimensions** | 420x180x200mm |
| **Dimensions (LxWxH)** | 420x1200x5440mm |

## 53191 — 14,80€

0.15 | - | 5 | 160

### INDIVIDUAL FOAM MAT




| | |
|---|---|
| **Material** | Espuma EVA/EVA foam |
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 480x180x320mm |

## 54805 — 478,00€

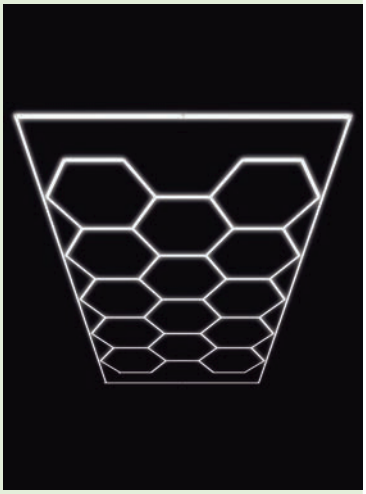
8.00 | - | 1 | 18

NEW

### SET OF HEXAGONAL LED CEILING LIGHTS




SPARE PARTS AVAILABLE



| | |
|---|---|
| **Brightness** | 83640Lm |
| **Power** | 615W |
| **Efficiency** | 110-120Lm/W |
| **Voltage** | 185-240V |
| **LED type** | 2835 |
| **Number of LED's** | 12 |
| **LED color temperature** | 6500k |
| **Material** | Al + PC |
| **Cable lenght** | 1,5m Enchufe europeo/ EU Plug |
| **IP protection** | IP45 |
| **Weight** | 8,00Kg |
| **Dimensions (LxWxH)** | 2435x42x4845mm |

NEW

## PERFORATED PP FLOOR TILE

| REF. | | DESCRIPTION | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54906 | ● | BLACK PERFORATED PP FLOOR TILE | 400x400x18mm | 0.58 | - | 30 | 360 | 6,40€ |
| 54907 | ● | GREY PERFORATED PP FLOOR TILE | 400x400x18mm | 0.58 | - | 30 | 360 | 6,40€ |
| 54908 | ● | YELLOW PERFORATED PP FLOOR TILE | 400x400x18mm | 0.58 | - | 30 | 360 | 6,40€ |
| 54909 | ● | RED PERFORATED PP FLOOR TILE | 400x400x18mm | 0.58 | - | 30 | 360 | 6,40€ |
| 54910 | ● | GREEN PERFORATED PP FLOOR TILE | 400x400x18mm | 0.58 | - | 30 | 360 | 6,40€ |

* Unit price. Minimum purchase: 30 units.



### TECHNICAL SPECIFICATIONS

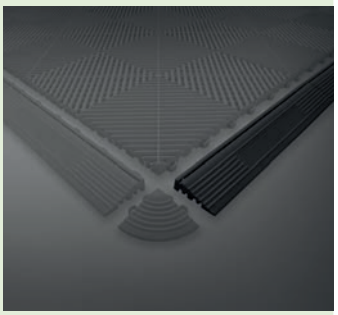
| | |
|---|---|
| **Pieces** | 1 |
| **Capacity** | 8T/m2 |
| **Material** | PP |
| **Finish** | Antideslizante/Non-slip |
| **Thermal resistance** | -30/+80°C |
| **UV resistant** | Si/Yes |
| **Dimensions (LxWxH)** | 400x400x18mm |
| **Weight** | 0,60Kg |

## ACCESSOIRES

### TILE EDGE

| REF. | | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 18090 | ● ♂ | BLACK PP TILE EDGE (MALE) | 0.11 | 20 | 120 | 1920 | 3,00€ |
| 18091 | ● ♂ | GREY PP TILE EDGE (MALE) | 0.11 | 20 | 120 | 1920 | 3,00€ |
| 18092 | ● ♂ | YELLOW PP TILE EDGE (MALE) | 0.11 | 20 | 120 | 1920 | 3,00€ |
| 18100 | ● ♀ | BLACK PP TILE EDGE (FEMALE) | 0.12 | 20 | 120 | 1920 | 3,00€ |
| 18101 | ● ♀ | GREY PP TILE EDGE (FEMALE) | 0.12 | 20 | 120 | 1920 | 3,00€ |
| 18102 | ● ♀ | YELLOW PP TILE EDGE (FEMALE) | 0.12 | 20 | 120 | 1920 | 3,00€ |

400x70x18mm



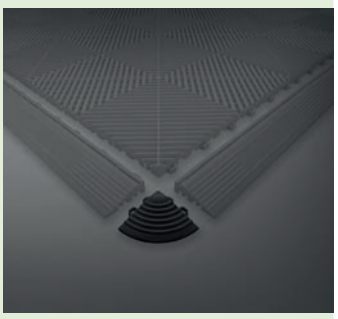
* Unit price. Minimum purchase: 10 units.



### TILE CORNER

| REF. | | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 18093 | ● | BLACK PP TILE CORNER | 0.16 | 10 | 450 | 5400 | 1,00€ |
| 18094 | ● | GREY PP TILE CORNER | 0.16 | 10 | 450 | 5400 | 1,00€ |
| 18095 | ● | YELLOW PP TILE CORNER | 0.16 | 10 | 450 | 5400 | 1,00€ |

70x70x18mm





## NEW PVC FLOOR TILE

| REF. | | DESCRIPTION | mm | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 55044 | ● | BLACK PVC FLOOR TILE | 500x500x6mm | 1.58 | - | 20 | 320 | | 16,00€ |
| 55045 | ● | GREY PVC FLOOR TILE | 500x500x6mm | 1.58 | - | 20 | 320 | | 16,00€ |
| 55048 | ● | YELLOW PVC FLOOR TILE | 500x500x6mm | 1.58 | - | 20 | 320 | | 16,00€ |
| 55047 | ● | RED PVC FLOOR TILE | 500x500x6mm | 1.58 | - | 20 | 320 | | 16,00€ |
| 55046 | ● | GREEN PVC FLOOR TILE | 500x500x6mm | 1.58 | - | 20 | 320 | | 16,00€ |

* Unit price. Minimum purchase: 20 units.



### TECHNICAL SPECIFICATIONS

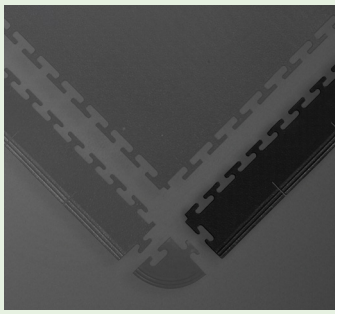
| | |
|---|---|
| **Pieces** | 1 |
| **Capacity** | 15T/m2 |
| **Material** | PVC |
| **Finish** | Antideslizante/Non-slip |
| **Thermal resistance** | -30/+35°C |
| **UV resistant** | Si/Yes |
| **Dimensions (LxWxH)** | 500x500x6mm |
| **Weight** | 1,60Kg |

## ACCESSOIRES

### TILE EDGE

| REF. | | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 18300 | ● | BLACK PVC TILE EDGE | 0.24 | 50 | 100 | 1600 | 5,50€ |
| 18301 | ● | GREY PVC TILE EDGE | 0.24 | 50 | 100 | 1600 | 5,50€ |
| 18304 | ● | YELLOW PVC TILE EDGE | 0.24 | 50 | 100 | 1600 | 5,50€ |

500x125x6mm

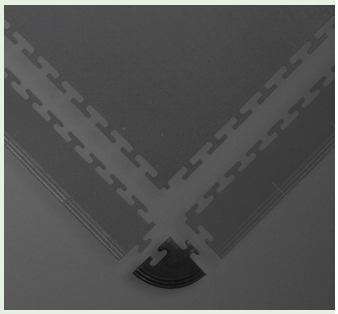




### TILE CORNER

| REF. | | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 18295 | ● | BLACK PVC TILE CORNER | 0.03 | 250 | 500 | 8000 | 2,00€ |
| 18296 | ● | GREY PVC TILE CORNER | 0.03 | 250 | 500 | 8000 | 2,00€ |
| 18299 | ● | YELLOW PVC TILE CORNER | 0.03 | 250 | 500 | 8000 | 2,00€ |

80x80x6mm





# POWER TOOLS CORDLESS


**20V**

**130** SCREWDRIVING

**134** DRILLING

**138** SANDING/POLISHING

**141** SAWING

**144** SPECIAL TOOLS

**150** GARDENING POWER TOOLS

**153** BATTERIES / CHARGERS

**12V**

**154** SCREWDRIVING

**155** DRILLING

**156** SANDING/POLISHING

**156** SAWING

**156** SPECIAL TOOLS

**157** BATTERIES / CHARGERS




# CORDLESS BRUSHLESS IMPACT WRENCH

| WITHOUT CASE | 60050 | 60048 | 60044 | 60051 | 60046 |
|---|---|---|---|---|---|
| | 409,00€ | 366,00€ | 330,00€ | 211,00€ | 174,00€ |
| **Square measure** | 1" | 3/4" | 1/2" | 1/2" | 1/2" |
| **Voltage** | 20V | 20V | 20V | 20V | 20V |
| **Power** | 1300W | 1000W | 1000W | 850W | 700W |
| **Max. tightening torque** | 1800Nm | 1500Nm | 1200Nm | 850Nm | 550Nm |
| **Max. breaking torque** | 2300Nm | 1800Nm | 1300Nm | 1000Nm | 800Nm |
| **Nominal speed** | 1850RPM | 1800RPM | 1600RPM | 2400RPM | 2800RPM |
| **IPM Impulses** | 2400IPM | 2200IPM | 2000IPM | 2800IPM | 3000IPM |
| **Headboard measurements** | 250mm | 215mm | 215mm | 170mm | 140mm |
| **Weight** | 3.60Kg | 3.26Kg | 3.25Kg | 2.20Kg | 1.50Kg |
| **Box** | 4 | 4 | 5 | 4 | 4 |
| **Pallet** | 80 | 80 | 72 | 150 | 224 |


60050


60048


60044


60051


60046






## NEW TECHNOLOGY

Next-generation X-Torq brushless motor to successfully handle professional tasks.

## HIGH PERFORMANCE

Offers five working modes to tighten and loosen screws easily and safely.

## SMART MICROPROCESSOR

Protects the tool from overloads and overheating at high temperatures.

# CORDLESS BRUSHLESS IMPACT WRENCH

| WITH CASE | 60050C | 60048C | 60044C | 60051C | 60046C |
|---|---|---|---|---|---|
| | 564,00€ | 560,00€ | 485,00€ | 372,50€ | 339,00€ |
| **Square measure** | 1" | 3/4" | 1/2" | 1/2" | 1/2" |
| **Voltage** | 20V | 20V | 20V | 20V | 20V |
| **Power** | 1300W | 1000W | 1000W | 850W | 700W |
| **Max. tightening torque** | 1800Nm | 1500Nm | 1200Nm | 850Nm | 550Nm |
| **Max. breaking torque** | 2300Nm | 1800Nm | 1300Nm | 1000Nm | 800Nm |
| **Nominal speed** | 1850RPM | 1800RPM | 1600RPM | 2400RPM | 2800RPM |
| **IPM Impulses** | 2400IPM | 2200IPM | 2000IPM | 2800IPM | 3000IPM |
| **Headboard measurements** | 250mm | 215mm | 215mm | 170mm | 140mm |
| **Includes battery** | 60015 (6.0Ah) | 60015 (6.0Ah) | 60013 (4.0Ah) | 60013 (4.0Ah) | 60013 (4.0Ah) |
| **Includes charger** | 60016 (20V-4A) | 60016 (20V-4A) | 60016 (20V-4A) | 60016 (20V-4A) | 60016 (20V-4A) |
| **Weight** | 7.20Kg | 7.15Kg | 7.05Kg | 7.05Kg | 5.00Kg |
| **Box** | 4 | 4 | 4 | 4 | 4 |
| **Pallet** | 40 | 40 | 40 | 40 | 40 |



60050C 60048C 60044C 60051C 60046C










**ORGANIZE AND PROTECT YOUR TOOLS WITH OUR CASES**

- **IMPACT WRENCH**
- **BATTERY**
- **CHARGER**
  It is possible to add another battery in the case.



## 54863

499,00€

| 15.00 | - | 1 | 30 |
|---|---|---|---|

NEW

# TOOL CASE WITH 800NM BATTERY IMPACT WRENCH

| | |
|---|---|
| **Pieces** | 152 |
| **Square measure** | 1/2", 3/8", 1/4" |
| **Finish** | Cincado/Zinc Finish |
| **Profile** | Hexagonal, Torx |
| **Material** | Cr-V |
| **Includes** | 60046, 60013, 60066 |
| **Weight** | 15,00Kg |
| **Dimensions (LxWxH)** | 580x420x150mm |

SPARE PARTS AVAILABLE



## 60052C

287,00€

| 4.70 | - | 4 | 32 |
|---|---|---|---|

# 1/4" CORDLESS IMPACT DRIVER 230 NM WITH CARRYING CASE

| | |
|---|---|
| **Square measure** | 1/4" |
| **Voltage** | 20V |
| **Power** | 500W |
| **Max. tightening torque** | 230Nm |
| **Nominal speed** | 1200, 1900, 2500, 3200RPM |
| **IPM Impulses** | 1400, 2200, 3000, 4000 |
| **Speeds** | 4 |
| **LED** | Si/Yes |
| **Includes** | 60052, 60013, 60016 |
| **Compatible with** | 60013, 60015, 60016, 60017 |
| **Weight** | 4,70Kg |
| **Dimensions (LxWxH)** | 110x70x205mm |

SPARE PARTS AVAILABLE




**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60052 | 1/4" CORDLESS IMPACT DRIVER – 230 NM | 1.30 | - | 5 | - | 139,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## 54586

5,00€

| 0.41 | 10 | 100 | 3200 |
|---|---|---|---|

# SET OF 3 SOCKET SPANNER ADAPTERS WITH HEXAGONAL TIPS

| | | |
|---|---|---|
| x1 | **1/2"** | 73mm |
| x1 | **3/8"** | 67mm |
| x1 | **1/4"** | 65mm |



**60064C** 1.645,00€

| 23.55 | - | 1 | 11 |
|---|---|---|---|

NEW

# 1" 4000NM CORDLESS BRUSHLESS IMPACT WRENCH WITH STORAGE CASE




SPARE PARTS AVAILABLE

VIDEO TUTORIAL

| | |
|---|---|
| **Square measure** | 1" |
| **Rated voltage** | 2x20V DC |
| **Power** | 2600W |
| **Max. tightening torque** | 3000, 2200, 1600Nm |
| **Max. breaking torque (untightening)** | 4000Nm |
| **IPM Impulses** | 1300, 1000, 600 |

| | |
|---|---|
| **Speeds** | 950, 750, 550RPM |
| **LED** | Si/Yes |
| **Compatible with** | 60013, 60015 |
| **Weight** | 22,70Kg |
| **Dimensions (LxWxH)** | 860x200x340mm |
| **Includes** | 60015 (x2), 60016 (x1) |

## IT CONTAINS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60064 | 1" 4000NM CORDLESS BRUSHLESS IMPACT WRENCH | 16.45 | - | 1 | 18 | 1.444,00€ |
| x2 60015 | 6.0AH LI-ION BATTERY | 1.00 | - | 5 | 630 | 138,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |



## 60023C — 349,00€

7.00 | - | 4 | 32

# BRUSHLESS ROTARY HAMMER WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 500W |
| **Nominal speed** | 1350RPM |
| **Impact rate** | 4750BPM |
| **Impact force** | 2,2J |
| **Ø drilling in concrete** | 22mm |
| **Ø of steel drilling** | 13mm |
| **Ø drilling in wood** | 28mm |
| **Chuck size** | Ø15mm |
| **Speeds** | 4 |
| **LED** | Si/Yes |
| **Includes** | 60023, 60013, 60016 |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 7,00Kg |
| **Dimensions (LxWxH)** | 286x75x218mm |

SPARE PARTS AVAILABLE




### IT CONTAINS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60023 | BRUSHLESS ROTARY HAMMER | 3.10 | - | 5 | 120 | 212,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## SDS-PLUS CHISELS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 14837 | 14x250mm | 0.25 | 10 | 100 | - | 3,30€ |
| 14838 | 20x250mm | 0.25 | 10 | 100 | - | 3,50€ |
| 14839 | 40x250mm | 0.29 | 10 | 50 | - | 4,70€ |
| 14840 | 250mm | 0.27 | 10 | 50 | - | 3,50€ |




## 53850 — 16,00€

0.65 | 5 | 25 | 1000

# SET OF 7 SDS PLUS HAMMER DRILL BITS

- ø 5x110mm
- ø 6x110mm
- ø 6x160mm
- ø 8x110mm
- ø 8x160mm
- ø 10x160mm
- ø 12x160mm

SPARE PARTS AVAILABLE




## 14841 — 2,58€

0.05 | 50 | 250 | -

# ADAPTER SDS PLUS TO DRILL CHUCK ADAPTOR 1/2"



| | |
|---|---|
| **Measures** | 1/2"-75mm |
| **Diameter** | 10mm |
| **Material** | Acero/Steel |

## 14842 — 9,50€

0.26 | 2 | 200 | -

# 2-13MM 1/2"-20UNF KEYLESS DRILL CHUCK



| | |
|---|---|
| **Measures** | 1/2"-60mm |
| **Diameter** | 4mm |
| **Material** | Acero/Steel |

**60047C** 318,00€

| 5.25 | - | 4 | 40 |
|---|---|---|---|

# DOUBLE SPEED IMPACT DRILL WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 900W |
| **Maximum torque** | 150Nm |
| **Nominal speed** | 500, 2200RPM |
| **Impact rate** | 35000BPM |
| **Ø drilling in concrete** | 13mm |
| **Ø of steel drilling** | 13mm |
| **Ø drilling in wood** | 40mm |
| **Chuck size** | Ø13mm |
| **Speeds** | 2 |
| **LED** | Si/Yes |
| **Includes** | 60047, 60013, 60016 |
| **Compatible with** | 60013, 60015, 60016, 60017 |
| **Weight** | 4,90Kg |
| **Dimensions (LxWxH)** | 420x105x340mm |

SPARE PARTS AVAILABLE




**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| **60047** | DOUBLE SPEED IMPACT DRILL | 1.80 | - | 4 | 90 | 237,50€ |
| **60013** | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| **60016** | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |



## SET OF TWIST DRILLS

| REF. | DESCRIPTION | PCS | MATERIAL | DRILLS | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 53851 | METRIC HSS 4241 TWIST DRILL SET 1-10MM BLACK | 170PCS | HSS-R 4241 | 1-10mm | 3.80 | - | 4 | 192 | 89,00€ |
| 53855 | METRIC HSS 4241 TWIST DRILL SET 1-13MM BLACK | 25PCS | HSS-R 4241 | 1-13mm | 1.19 | 5 | 10 | 192 | 27,50€ |
| 53853 | METRIC HSS 4241 TWIST DRILL SET 1-10MM BLACK | 19PCS | HSS-R 4241 | 1-10mm | 0.58 | 5 | 20 | 192 | 14,60€ |
| 53852 | METRIC HSS 4341 TWIST DRILL SET 1-10MM | 170PCS | HSS-G 4341 | 1-10mm | 4.20 | - | 4 | 192 | 219,00€ |
| 53856 | METRIC HSS 4341 TWIST DRILL SET 1-13MM | 25PCS | HSS-G 4341 | 1-13mm | 1.32 | 5 | 10 | 550 | 67,00€ |
| 53854 | METRIC HSS 4341 TWIST DRILL SET 1-10MM | 19PCS | HSS-G 4341 | 1-10mm | 0.63 | 5 | 20 | 192 | 28,00€ |
| 54348 | SET OF TWIST DRILLS 1-10MM HSS-CO5 COBALT | 170PCS | HSS-CO5 | 1-10mm | 4.20 | 2 | 4 | 160 | 291,00€ |
| 54314 | COBALT TWIST DRILL SET 1-13MM | 25PCS | HSS-CO5 | 1-13mm | 1.32 | 5 | 10 | 450 | 82,00€ |
| 54313 | COBALT TWIST DRILL SET 1-13MM | 19PCS | HSS-CO5 | 1-10mm | 0.60 | 5 | 10 | 1000 | 43,00€ |



53851
SPARE PARTS AVAILABLE



53855
SPARE PARTS AVAILABLE



53853
SPARE PARTS AVAILABLE





53852
SPARE PARTS AVAILABLE



53856
SPARE PARTS AVAILABLE



53854
SPARE PARTS AVAILABLE





54348
SPARE PARTS AVAILABLE



54314
SPARE PARTS AVAILABLE



54313
SPARE PARTS AVAILABLE



## 53860 — 3,90€

| 0.15 | 5 | 50 | 950 |
|---|---|---|---|

# MASONRY 5 DRILL BIT SET 4-10MM

- ø 4x75mm
- ø 5x80mm
- ø 6x100mm
- ø 8x120mm
- ø 10x120mm

SPARE PARTS AVAILABLE




## 53861 — 5,80€

| 0.20 | 5 | 50 | 950 |
|---|---|---|---|

# MASONRY 8 DRILL BIT SET 3-10MM

- ø 3x60mm
- ø 4x75mm
- ø 5x80mm
- ø 6x100mm
- ø 7x100mm
- ø 8x120mm
- ø 9x120mm
- ø 10x120mm

SPARE PARTS AVAILABLE




## 53859 — 69,00€

| 1.35 | 5 | 10 | 140 |
|---|---|---|---|

# BI-METAL HOLE SAW SET WITH ADAPTERS

SPARE PARTS AVAILABLE

| | |
|---|---|
| | 22, 29, 35, 44, 51, 68mm |
| | 14-30, 32-152mm |



## 54346 — 12,80€

| 0.30 | 6 | 36 | 144 |
|---|---|---|---|

# SET OF 3 CLEANING BRUSHES FOR DRILL



| | | | |
|---|---|---|---|
| | 1/4" | PP | ø 88mm |
| | 1/4" | PP | ø 100mm |
| | 1/4" | PP | ø 50mm |



## 53857 — 29,00€

| 0.40 | 6 | 24 | 1152 |
|---|---|---|---|

# QUICK CHANGE DRILL BIT ADAPTOR SET - BLACK FINISH





IN 6 UNITS DISPLAY CASE

| | | | | |
|---|---|---|---|---|
| | x9 | PH | 25mm | 1x3, 2x3, 3x3 |
| | x9 | PZ | 25mm | 1x3, 2x3, 3x3 |
| | x4 | H | 25mm | 3, 4, 5, 6 |
| | x6 | SL | 25mm | 4x2, 5x2, 6x2 |
| | x14 | TX | 25mm | 10x2, 15x2, 20x2, 25x2, 27x2, 30x2, 40x2 |
| | x7 | T | 25mm | 10, 15, 20, 25, 27, 30, 40 |
| | x7 | | 65mm | PH2, PH3, PZ1, PZ2, T20, T25, SL6 |
| | x1 | | 60mm | |

## 53858 — 31,00€

| 0.55 | 6 | 24 | 672 |
|---|---|---|---|

# DRILL BIT ADAPTER SET S2 - BLACK FINISH





IN 6 UNITS DISPLAY CASE

| | | | | |
|---|---|---|---|---|
| | x4 | PH | 25mm | 1, 2x2, 3 |
| | x3 | PZ | 25mm | 1, 2, 3 |
| | x4 | H | 25mm | 3, 4, 5, 6 |
| | x4 | SL | 25mm | 3, 4, 5, 6 |
| | x6 | TX | 25mm | 10, 15, 20, 25, 30, 40 |
| | x6 | | 75mm | T15, T20, T25, PH2, PZ2, SL5 |
| | x4 | | 48mm | 6, 7, 8, 10mm |
| | x1 | | 60mm | |
| | x1 | | 80mm | |

## 60054C

329,00€

| 5.50 | - | 4 | 40 |
|---|---|---|---|

# BRUSHLESS ANGLE GRINDER 115MM WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 1115W |
| **Nominal speed** | 8000RPM |
| **Disc diameter** | 115mm |
| **Shaft diameter** | M14 |
| **Vibrations per minute** | 0,8m/s2 |
| **LED** | No |
| **Includes** | 60054, 60013, 60016 |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 5,50Kg |
| **Dimensions (LxWxH)** | 318x137x105mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| **60054** | BRUSHLESS ANGLE GRINDER - 115MM | 1.78 | - | 4 | 120 | 171,00€ |
| **60013** | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| **60016** | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

# CUTTING DISCS

**FOR METAL**

| REF. | | m/s | RPM | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **14893** | T42 | 80m/s | 13300RPM | 2.5mm | 115mm | 22.23mm | 0.05 | 50 | 200 | - | 1,00€ |
| **14895** | T27 | 80m/s | 13300RPM | 6mm | 115mm | 22.23mm | 0.15 | 25 | 100 | - | 2,00€ |




**FOR STAINLESS STEEL**

| REF. | | m/s | RPM | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **14897** | T41 | 80m/s | 13300RPM | 1mm | 115mm | 22.23mm | 0.01 | 50 | 400 | 30000 | 1,00€ |
| **14899** | T41 | 80m/s | 13300RPM | 1.6mm | 115mm | 22.23mm | 0.03 | 50 | 400 | - | 1,00€ |




## 15014

20,00€

| 0.10 | 50 | 100 | - |
|---|---|---|---|

# M14 ANGLE GRINDER QUICK CHANGE FAST LOCKING NUT

M14 115-230mm



## 60049C

329,00€

| 5.53 | - | 4 | 40 |
|---|---|---|---|

# BRUSHLESS ANGLE GRINDER 125MM WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 1115W |
| **Nominal speed** | 8000RPM |
| **Disc diameter** | 125mm |
| **Shaft diameter** | M14 |
| **Vibrations per minute** | 0,8m/s2 |
| **Includes** | 60049, 60013, 60016 |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 2,55Kg |
| **Dimensions (LxWxH)** | 318x137x105,5mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60049 | BRUSHLESS ANGLE GRINDER - 125MM | 1.78 | - | 4 | 156 | 175,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

# CUTTING DISCS

**FOR METAL**

| REF. | | m/s | RPM | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14894 | T42 | 80m/s | 12200RPM | 2.5mm | 125mm | 22.23mm | 0.05 | 50 | 200 | - | 1,20€ |
| 14896 | T27 | 80m/s | 12200RPM | 6mm | 125mm | 22.23mm | 0.78 | 25 | 100 | - | 2,10€ |




**FOR STAINLESS STEEL**

| REF. | | m/s | RPM | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 14898 | T41 | 80m/s | 12200RPM | 1mm | 125mm | 22.23mm | 0.03 | 50 | 400 | 30000 | 0,98€ |
| 14900 | T41 | 80m/s | 12200RPM | 1.6mm | 125mm | 22.23mm | 0.04 | 50 | 400 | - | 0,98€ |




## 15014

20,00€

| 0.10 | 50 | 100 | - |
|---|---|---|---|

# M14 ANGLE GRINDER QUICK CHANGE FAST LOCKING NUT

M14 115-230mm



## 60053C — 549,00€

9.00 | - | 4 | 16

# BRUSHLESS ANGLE GRINDER 125MM AND HAMMER DRILL KIT WITH STORAGE CASE




**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60047 | DOUBLE SPEED IMPACT DRILL | 1.80 | - | 4 | 90 | 237,50€ |
| 60049 | BRUSHLESS ANGLE GRINDER - 125MM | 1.78 | - | 4 | 156 | 175,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## 60009C — 335,00€

5.69 | - | 2 | 20

# BRUSHLESS POLISHER WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 800-2400RPM |
| **Disc diameter** | 180mm |
| **Shaft diameter** | M14 |
| **Vibrations per minute** | 89m/s2 |
| **LED** | No |
| **Includes** | 60009, 60013, 60017 |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 5,69Kg |
| **Dimensions (LxWxH)** | 480x175x411mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60009 | BRUSHLESS POLISHER | 2.65 | - | 4 | 70 | 183,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## 60033 — 104,00€

| 1.30 | - | 4 | 144 |
|---|---|---|---|

### BRUSHLESS ORBITAL SANDER




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 10000RPM |
| **Disc diameter** | 150mm |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 1,30Kg |
| **Dimensions (LxWxH)** | 210x150x150mm |

## 60020 — 175,00€

| 3.15 | - | 4 | 72 |
|---|---|---|---|

### BRUSHLESS PLANER




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 16000RPM |
| **Cutting width** | 82mm |
| **Adjustable cutting depth** | 0-2mm |
| **Adjustable rabbet depth** | 0-10,5mm |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 3,15Kg |
| **Dimensions (LxWxH)** | 285x150x180mm |

## 60019 — 178,00€

| 3.45 | - | 4 | 112 |
|---|---|---|---|

### RECIPROCATING SAW

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 3000RPM |
| **Maximum cutting capacity** | 150mm Madera/Wood, 10mm Acero/Steel |
| **Stroke length** | 28mm |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 3,45Kg |
| **Dimensions (LxWxH)** | 440x160x160mm |




SPARE PARTS AVAILABLE

## SAW BLADES

| REF. | | CUT | | FOR | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 14994 | 6TPI | 150mm | 150mm | For wood | 0.05 | 20 | 200 | 8400 | 3,50€ |
| 14995 | 24TPI | 10mm | 150mm | For metal | 0.05 | 20 | 200 | 8400 | 8,00€ |




14994




14995



## 60010C

299,00€

7.25 | - | 4 | 16

# BRUSHLESS JIG SAW WITH CASE

| | |
|---|---|
| **Voltage** | 20V |
| **No-load speed** | 2600SPM |
| **Maximum cutting capacity** | 135mm Madera/Wood, 8mm Acero/Steel |
| **Stroke length** | 26mm |
| **LED** | Si/yes |
| **Includes** | 60010, 60013, 60016 |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 6,00Kg |
| **Dimensions (LxWxH)** | 230x80x210mm |

SPARE PARTS AVAILABLE




**IT CONTAINS**

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| **60010** | BRUSHLESS JIG SAW | 2.80 | - | 4 | 144 | | 170,00€ |
| **60013** | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | | 80,00€ |
| **60016** | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | | 49,00€ |

# SAW BLADES

| REF. | | CUT | | FOR | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| **14991** | T244D | 100mm | 100mm | For wood | 0.05 | 20 | 200 | 7200 | 2,00€ |
| **14993** | T118A | 8mm | 76mm | For metal | 0.05 | 20 | 200 | 7200 | 5,00€ |




**14991**




**14993**

## 60011

175,00€

2.55 | - | 4 | 128

# MINI CIRCULAR SAW

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 4000RPM |
| **Diameter of disc** | 115mm |
| **Maximum Cutting Depth** | 42,80mm, 0°/28mm, 45° |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 2,55Kg |
| **Dimensions (LxWxH)** | 390x75x120mm |

SPARE PARTS AVAILABLE




# CIRCULAR SAW BLADES

| REF. | | RPM | | | FOR | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| **14986** | T24 | 7000RPM | 115mm | 10mm | For wood | 0.10 | 20 | 100 | 3600 | 4,00€ |
| **14989** | T24 | 7000RPM | 115mm | 10mm | For metal | 0.10 | 20 | 100 | 3600 | 6,00€ |



## 60007C

329,00€

| 7.20 | - | 2 | 16 |
|---|---|---|---|

## BRUSHLESS CIRCULAR SAW WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 4300RPM |
| **Diameter of disc** | 165mm |
| **Maximum Cutting Depth** | 55mm, 90° /35mm, 45° |
| **Includes** | 60007, 60013, 60016 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 7,20Kg |
| **Dimensions (LxWxH)** | 270x170x290mm |

SPARE PARTS AVAILABLE




**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| **60007** | BRUSHLESS CIRCULAR SAW | 3.75 | - | 4 | 60 | 170,00€ |
| **60013** | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| **60016** | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## CIRCULAR SAW BLADES

| REF. | | RPM | | | FOR | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| **14985** | T24 | 7000RPM | 165mm | 20mm | For wood | 0.25 | 20 | 40 | 2400 | 6,00€ |
| **14988** | T24 | 7000RPM | 165mm | 20mm | For metal | 0.25 | 20 | 40 | 2400 | 8,00€ |




## 60022

470,00€

| 11.40 | - | 1 | 9 |
|---|---|---|---|

## SLIDE MITRE SAW

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 3500RPM |
| **Diameter of disc** | 185mm |
| **Maximum Cutting Depth** | 152-205mm/38-50mm, 45-90° |
| **LED** | LÁSER/LASER |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 11,40Kg |
| **Dimensions (LxWxH)** | 580x490x320mm |

SPARE PARTS AVAILABLE



## CIRCULAR SAW BLADES

| REF. | | RPM | | | FOR | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| **14987** | T40 | 7000RPM | 185mm | 25.4mm | For wood | 0.30 | 20 | 40 | 2200 | 8,50€ |
| **14990** | T40 | 7000RPM | 185mm | 25.4mm | For metal | 0.30 | 20 | 40 | 2200 | 10,50€ |



## 60032C

266,00€

5.00 | - | 4 | 16

# BATTERY CAULKING GUN WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Maximum thrust force** | 2500N |
| **Feed rate** | 0,5-8mm/s (30-480mm/min) |
| **Cartridge capacity** | 300ml |
| **Speed** | Ajustable/Adjustable |
| **Includes** | 60032, 60013, 60016 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 4,96Kg |
| **Dimensions (LxWxH)** | 500x130x400mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60032 | BATTERY CAULKING GUN | 1.95 | - | 4 | 80 | 123,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## 60038C

411,00€

7.30 | - | 4 | 16

# BATTERY-POWERED GREASE GUN WITH CARRYING CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Maximum pressure** | 620BAR |
| **Volume/flow rate** | 200g/min |
| **Cartridge capacity** | 420g |
| **Bulk grease capacity** | 600g |
| **Bulk grease capacity** | Hasta/Up toNLGI #2 |
| **Lenght** | 760mm |
| **Charging modes** | Granel/Bulk, Cartucho/Cartridge, Succión/Suction |
| **Includes** | 60038, 60013, 60016 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 7,30Kg |
| **Dimensions (LxWxH)** | 400x90x270mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60038 | BATTERY-POWERED GREASE GUN | 3.90 | - | 4 | 32 | 255,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |



## 60003C — 250,00€

4.70 | - | 4 | 16

# ELECTRIC AIR COMPRESSOR PUMP WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 12-20V |
| **Air flow** | 12-380L/min |
| **Maximum air pressure** | 160PSI/11BAR/1100KPA |
| **High-pressure hose length** | 760mm |
| **High-capacity hose length** | 460mm |
| **Includes** | 60003, 60013, 60016 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 4,70Kg |
| **Dimensions (LxWxH)** | 240x210x130mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60003 | ELECTRIC AIR COMPRESSOR PUMP | 1.85 | - | 4 | 100 | 121,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## 60037C — 348,00€

8.00 | - | 4 | 16

# NAIL GUN WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Capacity** | 100 Clavos/Nails |
| **Includes** | 60037, 60013, 60016 |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 8,00Kg |
| **Dimensions (LxWxH)** | 292x94x259mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60037 | NAIL GUN | 3.60 | - | 4 | 128 | 222,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## 18 GA NARROW CROWN STAPLE SETS

| REF. | mm | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54008 | 25x6mm | 0.45 | - | 40 | 4000 | | 4,10€ |
| 54010 | 32x6mm | 0.55 | - | 40 | 4000 | | 5,10€ |
| 54011 | 38x6mm | 0.65 | - | 40 | 4000 | | 6,00€ |



## 18 GA BRAD NAIL SETS

| REF. | mm | | | | | | € |
|---|---|---|---|---|---|---|---|
| 53999 | 25x1.25mm | 0.20 | - | 50 | 5000 | | 2,10€ |
| 54000 | 30x1.25mm | 0.25 | - | 50 | 5000 | | 2,50€ |
| 54002 | 38x1.25mm | 0.30 | - | 50 | 5000 | | 3,05€ |



## 60041 — 77,00€

| 1.60 | - | 4 | 216 |
|---|---|---|---|

# BRUSHLESS OSCILLATING MULTI TOOL UNIT



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 20V |
| **Nominal speed** | 5000, 19000RPM |
| **Speeds** | 6 |
| **Oscillation angle** | 4,2° |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 290x75x85mm |



## SAW BLADES

| REF. | mm | FOR | | | | | € |
|---|---|---|---|---|---|---|---|
| 15680 | 20mm | FOR SOLID WOOD, ABRASIVE WOOD AND METALS | 0.02 | 40 | 240 | 30720 | 4,70€ |
| 15682 | 35mm | FOR SOLID WOOD, ABRASIVE WOOD AND METALS | 0.05 | 40 | 240 | 30720 | 4,70€ |
| 15683 | 35mm | FOR WOOD | 0.01 | 40 | 240 | 30720 | 2,50€ |
| 15684 | 64mm | FOR IRON, STEEL, TILES, BRICKS AND GLASS | 0.02 | 20 | 120 | 8400 | 7,70€ |
| 15685 | 80mm | FOR SOLID WOOD, ABRASIVE WOOD AND METALS | 0.02 | 40 | 240 | 30720 | 9,50€ |
| 15686 | 88mm | FOR WOOD | 0.05 | 20 | 120 | 8400 | 3,70€ |



15680



15682



15683



15684



15685



15686

## OTHER

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 15687 | SCRAPER 50X72MM (REF.60041) | 0.10 | 40 | 240 | 30720 | 2,50€ |
| 15688 | BAG OF 20 SANDER PAPER 80X80X80MM - GRANO 60/80/100/120/240 (REF.60041) | 0.05 | 10 | 100 | 3600 | 5,30€ |
| 15689 | SANDER PAD 79X79X79MM (REF.60041) | 0.05 | 10 | 100 | 3600 | 4,00€ |



15687



15688



15689

## 60001

88,00€

1.70 | - | 4 | 64

# HANDHELD VACUUM CLEANER

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 3,8KPA |
| **Tank capacity** | 500ml |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 1,70Kg |
| **Dimensions (LxWxH)** | 410x100x140mm |

SPARE PARTS AVAILABLE




## ACCESSORIES

| REF. | | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 14950 | A | EXTENSION TUBE FOR REF. 60001 | 0.08 | 5 | 10 | - | 6,50€ |
| 14951 | B | CREVICE NOOZLE FOR REF. 60001 | 0.01 | - | 10 | - | 9,50€ |
| 14952 | C | FLOOR NOZZLE FOR REF. 60001 | 0.15 | - | 5 | - | 19,00€ |
| 14953 | D | BRUSH NOZZLE FOR REF. 60001 | 0.05 | - | 10 | - | 8,50€ |

## 60043C

252,00€

6.00 | - | 4 | 16

# CORDLESS PAINT SPRAYER WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 280W |
| **Tank capacity** | 900ml |
| **Nozzle diameter** | 2,5mm |
| **Spray distance** | 200mm |
| **Spraying capacity** | 700ml/min |
| **Includes** | 60043, 60013, 60017 |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 6,00Kg |
| **Dimensions (LxWxH)** | 350x120x300mm |




VIDEO TUTORIAL

SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60043 | CORDLESS PAINT SPRAYER | 1.70 | - | 3 | 90 | 123,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |



## 60071

140,00€

0.80 | - | 10 | 120

NEW

### CORDLESS AIR BLOWER FOR VEHICLE DRYING

| | |
|---|---|
| **Voltage** | 20V |
| **Air flow** | 55m/s |
| **RPM (Revolutions per minute)** | 22500-35000 |
| **Air flow rate** | 10,4CFM (294L/min) |
| **Diameter** | 2,5" |
| **Compatible with** | 60013, 60015 |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 168x116x255mm |




## 60004

79,00€

1.45 | - | 4 | 96

### LED WORK LIGHT

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 1200-2400Lm |
| **Lighting modes** | 2 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 215x175x200mm |

SPARE PARTS AVAILABLE






15049

## ACCESSORIES

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 15049 | TRIPOD FOR LED WORKING LIGHT (REF. 60004) | 2.10 | - | 4 | 120 | | 37,40€ |

## 60042

106,00€

1.00 | - | 4 | 240

### CORDLESS HEAT GUN

SPARE PARTS AVAILABLE




| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 80W |
| **Outlet temperature** | 550°C |
| **Nozzle diameter** | 34mm |
| **Air flow** | 200L/min |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 1,00Kg |
| **Dimensions (LxWxH)** | 205x65x164mm |

## 60035

30,00€

0.40 | - | 5 | 475

### PORTABLE WORKING LED LIGHT

SPARE PARTS AVAILABLE




| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 500-1000Lm |
| **Lighting modes** | 3 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 70x80x185mm |

## 60065

899,00€

41.00 - 1 10

NEW

# 3T LOW-PROFILE BATTERY-POWERED HYDRAULIC TROLLEY JACK

VIDEO TUTORIAL

SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 3T |
| **Compatible with** | 60013, 60015, 60016, 60017 |
| **Voltage** | 20V |
| **LED** | No |
| **Minimum height** | 85mm |
| **Maximum height** | 508mm |
| **Lifting time (no load)** | 18-20s |
| **Descent time (no load)** | 7-10s |
| **Lifting time (with load)** | 48-60s |
| **Descent time (with load)** | 10-12s |
| **Weight** | 41,00Kg |
| **Dimensions (LxWxH)** | 770x355x1107mm |





## 60067

515,50€

7.50 - 1 18

NEW

# BATTERY-POWERED ELECTRIC BRAKE BLEEDER



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Operating pressure** | 0,6-3,0BAR |
| **Voltage** | 12-24V DC / 110-220V AC |
| **Power** | 48W |
| **Adapters** | 17 |
| **Flow rate** | 2,2LPM |
| **Compatible with** | 60012, 60013, 60015 |
| **Weight** | 7,50Kg |
| **Dimensions (LxWxH)** | 240x200x280mm |





## 60040

440,00€

| 10.35 | - | 1 | 19 |
|---|---|---|---|

# ELECTRIC 4-IN-1 GARDEN MULTI FUNCTION TOOL









| | |
|---|---|
| **Voltage** | 20V |
| **Pole Saw** | 4500RPM |
| **Hedge trimmer** | 1200RPM |
| **Thread head** | 7000RPM |
| **Cutting disc** | 7000RPM |
| **Maximum length** | 2,25m |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 10,35Kg |

SPARE PARTS AVAILABLE

## 60027

99,00€

| 5.65 | - | 1 | 15 |
|---|---|---|---|

# BACKPACK SPRAYER 15L REF. 60027




| | |
|---|---|
| **Voltage** | 20V |
| **Tank capacity** | 15L |
| **Operating pressure** | 0,3-0,45Mpa |
| **Spray distance** | 1-1,2m |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60016, 60017 |
| **Weight** | 5,65Kg |
| **Dimensions (LxWxH)** | 350x170x660mm |

## 60031

142,00€

3.45 | - | 1 | 24

### BATTERY HEDGE TRIMMER



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 230W |
| **No-load speed** | 1450RPM |
| **Length of the saw** | 457mm |
| **Cutting capacity** | 18mm |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 3,45Kg |
| **Dimensions (LxWxH)** | 920x215x192mm |

## 60030

112,00€

2.55 | - | 1 | 28

### BATERRY BLOWER



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 280W |
| **Air flow rate** | 312m3/h, 520m3/h |
| **Sound power (Lw)** | 90dB |
| **No-load speed** | 15.000RPM |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 2,55Kg |
| **Dimensions (LxWxH)** | 407x205x285mm |

## 60029

240,00€

4.10 | - | 1 | 50

### BRUSHLESSTO BATTERY CHAINSAW



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 20V |
| **Power** | 720W |
| **Chain speed** | 7,8m/s |
| **Blade length** | 254mm |
| **Cutting length** | 220mm |
| **Chain pitch** | 9.5mm (3/8") |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 4,10Kg |
| **Dimensions (LxWxH)** | 600x225x245mm |

## 60068

42,00€

0.40 | 5 | 20 | 160

NEW

### SUPER-FAST BATTERY-POWERED SOLDERING IRON





| | |
|---|---|
| **Voltage** | 20V |
| **Operating temperature** | 180-480°C |
| **Screen** | SÍ/Yes |
| **Cable lenght** | 1m |
| **Protection** | Apagado automático/Auto-sleep |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 160x110x105mm |

## 60039

265,00€

3.30 | - | 2 | 36

### BRUSHLESS ELECTRIC PRESSURE WASHER GUN

VIDEO TUTORIAL



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 20V |
| **Precision** | 355PSI |
| **Maximum flow rate** | 2,4L/min |
| **Minimum flow rate** | 2,0L/min |
| **LED** | No |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 3,30Kg |
| **Dimensions (LxWxH)** | 430x75x220mm |

## 60063C

319,00€

3.78 | - | 4 | 60

NEW

# BATTERY POWERED PRUNING SHEARS WITH CASE

| | |
|---|---|
| **Voltage** | 18V |
| **Cutting capacity** | 0, 15, 25, 30mm |
| **Force** | 2600N |
| **Material** | SK5 |
| **LED** | No |
| **Compatible with** | 60012, 60015 |
| **Includes** | 60013, 60016 |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 105x77x310mm |




**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60063 | BATTERY POWERED PRUNING SHEARS | 1.10 | - | 10 | 180 | 169,00€ |
| 60013 | 4.0 AH LI-ION BATTERY | 0.75 | - | 5 | 700 | 80,00€ |
| 60016 | 20V CHARGER - 4A | 0.80 | - | 5 | 210 | 49,00€ |

## 60045

298,00€

13.40 | - | 1 | 8

# CORDLESS LAWN MOWER

| | |
|---|---|
| **Voltage** | 40V |
| **Power** | 800W |
| **Capacity** | 35L |
| **Cutting height** | 25-75mm |
| **Cutting diameter** | 370mm |
| **LED** | No |
| **Compatible with** | 60013, 60016, 60017 |
| **Weight** | 13,40Kg |
| **Dimensions (LxWxH)** | 680x450x320mm |



SPARE PARTS AVAILABLE

## 54252

199,00€

10.80 | - | 1 | 12

# MANUAL PUSH SWEEPER

| | |
|---|---|
| **Capacity** | 20L |
| **Maximum sweep speed** | 180m2/h |
| **Disc brush diameter** | 260mm |
| **Cylindrical brush size** | 108x350mm |
| **Weight** | 10,80Kg |
| **Dimensions (LxWxH)** | 1200x650x980mm |
| **Folded dimensions** | 625x548x290mm |



VIDEO TUTORIAL

SPARE PARTS AVAILABLE

## USE THEM WITH JBM BATTERIES: A SINGLE BATTERY SUITABLE FOR ALL TOOLS

Three types of battery and two types of charger. Choose the one you prefer!



### 60066 — 28,00€

0.38 | - | 5 | 240

NEW

## 20V CHARGER - 2A



| | |
|---|---|
| **Voltage** | DC-20V |
| **Charging inlet** | 100-240V AC 50/60Hz |
| **Load output** | 2A |
| **Charging time** | 2Ah 50+/- 10min / 4Ah 90+/-15min / 6Ah 150+/- 15min |
| **Weight** | 0,38Kg |

### 60069 — 59,00€

0.16 | 5 | 20 | 5460

NEW

## BATTERY-POWERED WIRELESS CHARGER



| | |
|---|---|
| **Voltage** | 20V |
| **Power output** | 15W |
| **Compatible with** | 60012, 60013, 60015 |
| **Charging port** | Sin contacto/Wireless/USB-A/USB-C |
| **Brightness** | 360Lm |
| **Lighting modes** | 2 |
| **Weight** | 0,16Kg |
| **Dimensions (LxWxH)** | 109x75x40mm |

### 60012 — 48,00€

0.45 | - | 5 | 920

## 2.0 AH LI-ION BATTERY



| | |
|---|---|
| **Battery type** | LI-ION |
| **Voltage** | DC-20V |
| **Capacity** | 2.0Ah |
| **Weight** | 0,45Kg |
| **Compatible with** | 60016, 60017 |

### 60013 — 80,00€

0.75 | - | 5 | 700

## 4.0 AH LI-ION BATTERY



| | |
|---|---|
| **Battery type** | LI-ION |
| **Voltage** | DC-20V |
| **Capacity** | 4.0Ah |
| **Weight** | 0,75Kg |
| **Compatible with** | 60016, 60017 |

### 60015 — 138,00€

1.00 | - | 5 | 630

## 6.0AH LI-ION BATTERY



| | |
|---|---|
| **Battery type** | LI-ION |
| **Voltage** | DC-20V |
| **Capacity** | 6.0Ah |
| **Weight** | 1,00Kg |
| **Compatible with** | 60016, 60017 |

### 60016 — 49,00€

0.80 | - | 5 | 210

## 20V CHARGER - 4A



| | |
|---|---|
| **Voltage** | DC-20V |
| **Charging inlet** | 100-240V AC 50/60Hz |
| **Load output** | 4A |
| **Charging time** | 2Ah 30+/- 10min / 4Ah 60+/-15min / 6Ah 90+/- 15min |
| **Weight** | 0,80Kg |

### 60017 — 64,00€

0.80 | - | 5 | 290

## 20V FAST CHARGER - 6A



| | |
|---|---|
| **Voltage** | DC-20V |
| **Charging inlet** | 100-240V AC 50/60Hz |
| **Load output** | 6A |
| **Charging time** | 2Ah 30+/- 10min / 4Ah 45+/-10min / 6Ah 60+/- 15min |
| **Weight** | 0,80Kg |

## 60059C

167,00€

3.00 | - | 4 | 72

# BRUSHLESS IMPACT WRENCH 3/8" 250NM WITH STORAGE CASE

| | |
|---|---|
| **Square measure** | 3/8" |
| **Voltage** | 12V |
| **Power** | 435W |
| **Max. breaking torque (untightening)** | 250Nm |
| **Nominal speed** | 1200,1800, 2700RPM |
| **IPM Impulses** | 1100, 2100, 3200 |
| **Speeds** | 3 |
| **LED** | Si/Yes |
| **Includes** | 60059, 60025, 60026 |
| **Compatible with** | 60025, 60026 |
| **Weight** | 3,00Kg |
| **Dimensions (LxWxH)** | 126x69x184mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60059 | BRUSHLESS IMPACT WRENCH 3/8" 250NM | 1.15 | - | 5 | 36 | 99,00€ |
| 60025 | 12V CHARGER – FOR REF. 60026 | 0.30 | 5 | 4 | 700 | 34,00€ |
| 60026 | 2.0 AH LI-ION BATTERY | 0.20 | 5 | 40 | 1400 | 40,50€ |

## 60060C

165,00€

3.00 | - | 4 | 72

# BRUSHLESS IMPACT DRIVER 1/4" 150NM WITH STORAGE CASE

| | |
|---|---|
| **Square measure** | 1/4" |
| **Voltage** | 12V |
| **Power** | 396W |
| **Max. breaking torque (untightening)** | 150Nm |
| **Nominal speed** | 1200, 1800, 2700RPM |
| **IPM Impulses** | 1100, 2100, 3200 |
| **Speeds** | 3 |
| **LED** | Si/Yes |
| **Includes** | 60060, 60025, 60026 |
| **Compatible with** | 60025, 60026 |
| **Weight** | 3,00Kg |
| **Dimensions (LxWxH)** | 126x69x184mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60060 | BRUSHLESS IMPACT DRIVER 1/4" 150NM | 0.95 | - | 5 | 36 | 99,00€ |
| 60025 | 12V CHARGER – FOR REF. 60026 | 0.30 | 5 | 4 | 700 | 34,00€ |
| 60026 | 2.0 AH LI-ION BATTERY | 0.20 | 5 | 40 | 1400 | 40,50€ |

## 60062C

216,00€

3.20 | - | 4 | 72

# 12V BRUSHLESS RATCHET 1/2" WITH STORAGE CASE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Voltage** | 12V |
| **Power** | 360W |
| **Max. tightening torque** | 80Nm |
| **Max. breaking torque (untightening)** | 80Nm |
| **Nominal speed** | 175RPM |
| **Includes** | 60062, 60025, 60026 |
| **LED** | Si/Yes |
| **Compatible with** | 60025, 60026 |
| **Weight** | 3,03Kg |
| **Dimensions (LxWxH)** | 400x315x91mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60062 | ½" BRUSHLESS RATCHET -12V | 1.90 | - | 5 | 150 | 169,00€ |
| 60025 | 12V CHARGER – FOR REF. 60026 | 0.30 | 5 | 4 | 700 | 34,00€ |
| 60026 | 2.0 AH LI-ION BATTERY | 0.20 | 5 | 40 | 1400 | 40,50€ |

## 60058C

154,00€

2.80 | - | 4 | 72

# 12V BRUSHLESS HAMMER DRILL WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 350W |
| **Maximum torque** | 45Nm |
| **Nominal speed** | 1700RPM |
| **Impact rate** | 6750, 25500BPM |
| **Ø drilling in concrete** | 8mm |
| **Ø of steel drilling** | 10mm |
| **Ø drilling in wood** | 25mm |
| **Speeds** | 2 |
| **Chuck size** | Ø10mm |
| **LED** | Si/Yes |
| **Includes** | 60058, 60025, 60026 |
| **Compatible with** | 60025, 60026 |
| **Weight** | 2,80Kg |
| **Dimensions (LxWxH)** | 168x185x56mm |




SPARE PARTS AVAILABLE

**IT CONTAINS**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60058 | 12V BRUSHLESS HAMMER DRILL | 1.00 | - | 5 | 70 | 91,00€ |
| 60025 | 12V CHARGER – FOR REF. 60026 | 0.30 | 5 | 4 | 700 | 34,00€ |
| 60026 | 2.0 AH LI-ION BATTERY | 0.20 | 5 | 40 | 1400 | 40,50€ |

## 60061C

149,00€

2.47 | - | 4 | 64

# 12V CORDLESS CUT-OFF TOOLWITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 165W |
| **Nominal speed** | 18500RPM |
| **Disc diameter** | 76mm |
| **Shaft diameter** | M5 |
| **Vibrations per minute** | 18.500/min |
| **Includes** | 60061, 60025, 60026 |
| **LED** | No |
| **Weight** | 2,46Kg |
| **Dimensions (LxWxH)** | 163x113x89mm |

SPARE PARTS AVAILABLE




### IT CONTAINS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 60061 | 12V CORDLESS CUT-OFF TOOL | 0.56 | - | 5 | 45 | 77,00€ |
| 60025 | 12V CHARGER – FOR REF. 60026 | 0.30 | 5 | 4 | 700 | 34,00€ |
| 60026 | 2.0 AH LI-ION BATTERY | 0.20 | 5 | 40 | 1400 | 40,50€ |

## ACCESSORIES

| REF. | | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 17543 | A | CUTTING DISC 76X1,2MM REF. 60061 | 0.24 | - | 20 | 400 | | 1,60€ |
| 17544 | B | CARBIDE MULTI DISC 76X1,0MM REF. 60061 | 0.68 | - | 20 | 9999 | | 5,00€ |
| 17545 | C | DIAMOND CUTTING DISC 76X1,6MM REF. 60061 | 0.79 | - | 20 | - | | 3,75€ |

## 60056

142,00€

1.10 | - | 4 | 72

# 12V MINI CHAINSAW



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 230W |
| **Nominal speed** | 8m/s |
| **Maximum cutting capacity** | 100mm |
| **Saw length** | 160mm |
| **LED** | No |
| **Compatible with** | 60025, 60026 |
| **Weight** | 1,10Kg |
| **Dimensions (LxWxH)** | 135x100x390mm |

## 60055

78,00€

1.01 | - | 4 | 144

# BATTERY OPERATED WIRELESS RADIO - 12V



| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 10W |
| **Compatible with** | 60025, 60026 |
| **Bluetooth connectivity** | 15m |
| **Weight** | 1,01Kg |
| **Dimensions (LxWxH)** | 197x138x106mm |
| **Battery included** | No |

## 54769

200,00€

0.49 | 5 | 20 | 720

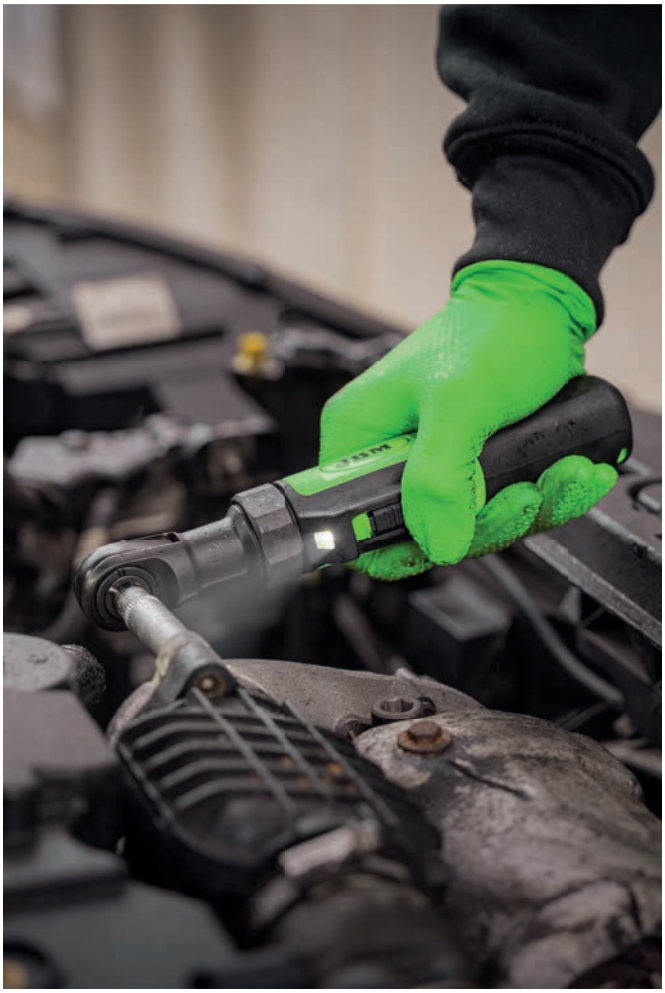
# 1/4" CORDLESS RATCHET - 3.6V WITH CHARGER





VIDEO TUTORIAL

| | |
|---|---|
| **Square measure** | 1/4" |
| **Voltage** | 3,6V |
| **Power** | 7,2W |
| **Maximum motor torque** | 3Nm |
| **Maximum manual torque** | 62,3Nm |
| **Nominal speed** | 320RPM |
| **LED** | Si/Yes |
| **Charger** | USB Tipo C/ USB Type C |
| **Battery type** | Lithium-ION/Litio-ION 3.6V, 2.0Ah |
| **Dimensions (LxWxH)** | 35x215x35mm |



## 54860

54,50€

1.40 | 6 | 24 | 480

NEW

# 3-SPEED WIRELESS ELECTRIC SCREWDRIVER AND BIT SET





| | |
|---|---|
| **Axle size** | 1/4" |
| **Voltage** | 4V |
| **Max. tightening torque** | 5Nm |
| **Nominal speed** | 300RPM |
| **Battery** | LI-ION 1500mAh |
| **Speeds** | 3 |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 183x35x35mm |

| | |
|---|---|
| **x4** | T10, T15, T20, T25 |
| **x5** | PH0, PH1, PH2 (x2), PH3 |
| **x4** | PZ0, PZ1, PZ2, PZ3 |
| **x4** | SL3, SL4, SL5, SL6 |
| **x4** | H3, H4, H5, H6 |
| **x4** | S0, S1, S2, S3 |

## 54683

58,00€

1.00 | - | 5 | 180

# CORDLESS SCREWDRIVER WITH BIT SET



VIDEO TUTORIAL

SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/4" |
| **Voltage** | 3,6V |
| **Max. tightening torque** | 6Nm |
| **Nominal speed** | 210RPM |
| **Battery** | LI-ION 1300mAh |
| **LED** | Si/Yes |
| **Weight** | 1,00Kg |
| **Dimensions (LxWxH)** | 180x45x145mm |



**60025** 34,00€

0.30 | 5 | 4 | 700

## 12V CHARGER – FOR REF. 60026



| | |
|---|---|
| **Voltage** | 12V |
| **Charging inlet** | 100-240V AC 50/60Hz |
| **Load output** | 2A |
| **Charging time** | 60 +/-10min (60026) |
| **Weight** | 0,30Kg |

**60026** 40,50€

0.20 | 5 | 40 | 1400

## 2.0 AH LI-ION BATTERY



| | |
|---|---|
| **Battery type** | LI-ION |
| **Voltage** | 12V |
| **Capacity** | 2.0Ah |
| **Weight** | 0,20Kg |
| **Compatible with** | 60025 |

## ACCESSORIES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 14622 | TRAY FOR REF.60001, 60003, 60004, 60020, 60029, 60033, 60037, 60038 | 0.95 | - | 10 | 360 | 18,00€ |
| 14623 | HOOK FOR REF.60043, 60042, 60046, 60051, 60052 | 0.10 | - | 10 | 800 | 8,00€ |
| 14624 | TRAY FOR REF.60007, 60010, 60011 | 0.65 | - | 10 | 300 | 18,00€ |
| 14625 | HANGER FOR REF. 60009, 60049, 60054 | 0.50 | - | 10 | 700 | 14,00€ |
| 14626 | HOOK FOR REF. 60023, 60032, 60044, 60047, 60050 | 0.10 | - | 10 | - | 7,00€ |
| 16364 | HOOK WITH ONE LONG TIP 280MM | 0.20 | 10 | 200 | 9999 | 3,50€ |



14622



14623



14624



14625



14626



16364

# LIGHTING


**160** INSPECTION LAMPS

**163** HEAD TORCHES

**164** LED MAGNIFIYING LAMP

**165** FLOOD LED

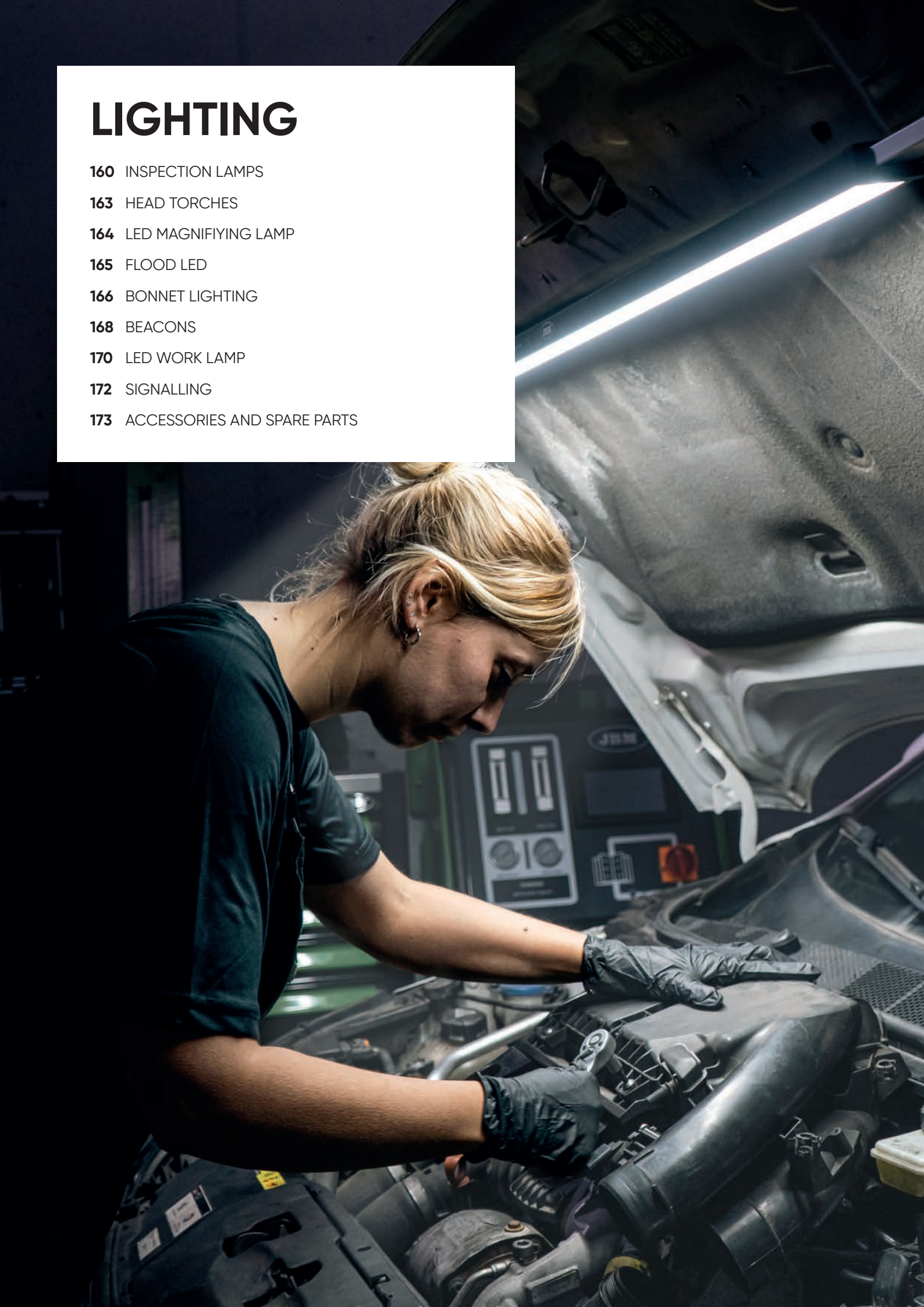
**166** BONNET LIGHTING

**168** BEACONS

**170** LED WORK LAMP

**172** SIGNALLING

**173** ACCESSORIES AND SPARE PARTS

# RECHARGEABLE INSPECTION LIGHT WITH MAGNETIC FOLDABLE BASE

| REF. | LM | W | V | LIGHT | BATTERY | mAh | IP | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54122 | 300Lm | 3W | 3,7V | XPE, COB | LI-ION | 2000mAh | IP44 | 0.39 | 12 | 24 | 384 | 38,00€ |
| 54123 | 500Lm | 3-5W | 3,8V | XPE, COB | LI-ION | 4000mAh | IP44 | 0.39 | 12 | 24 | 384 | 40,00€ |
| 54124 | 1000Lm | 3-10W | 3,7V | XPE, COB | LI-ION | 4000mAh | IP44 | 0.39 | 12 | 24 | 384 | 47,00€ |



IN 12 UNITS DISPLAY CASE






## 53734 — 19,80€

0.25 | 20 | 60 | 900

## LED LAMP WITH ARTICULATED MAGNETIC BASE - 400LM



IN 20 UNITS DISPLAY CASE



| | |
|---|---|
| **Brightness** | 30-400Lm |
| **Power** | 9,62W |
| **Voltage** | 3,7V |
| **LED type** | COB |
| **Lighting modes** | 1 |
| **Dimmable light intensity** | Si/Yes |
| **Battery type** | LI-ION |
| **Battery capacity** | 2600mAh |
| **Working time** | 2,5h (400Lm), 10h (30Lm) |
| **Charging time** | 3-4h |
| **Loading method** | USB C |
| **Type** | Recargable/Rechargeable |
| **Magnetic** | Si/Yes |
| **IP protection** | IP44 |
| **Weight** | 0,25Kg |
| **Dimensions (LxH)** | 380x32mm |

## 54567 — 29,00€

0.25 | 20 | 60 | 900

## DIMMABLE ULTRAVIOLET LED LAMP WITH ARTICULATED MAGNETIC BASE - 500LM



IN 20 UNITS DISPLAY CASE



| | |
|---|---|
| **Brightness** | 60-500Lm |
| **Power** | 5W |
| **Voltage** | 3,7V |
| **LED type** | COB, SMD, UV |
| **Lighting modes** | 4 |
| **Dimmable light intensity** | Si/Yes |
| **Battery type** | LI-ION |
| **Battery capacity** | 2200mAh |
| **Working time** | 2-2,5-6-21,5h |
| **Charging time** | 3H |
| **Loading method** | USB C |
| **Type** | Recargable/Rechargable |
| **Magnetic** | Si/Yes |
| **Weight** | 0,25Kg |
| **Dimensions (LxWxH)** | 42x35x383mm |

# LED LAMPS

| REF. | LM | W | V | LIGHT | BATTERY | mAh | IP | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54599 | 100-500Lm | 3-10W | 5V | COB, SMD | LI-ION | 800mAh | IPX2 | 0.12 | 20 | 40 | 1840 | 28,00€ |
| 54600 | 120-360Lm | 3-5W | 3,7V | XPE, COB | LI-ION | 2000mAh | IPX2 | 0.16 | 20 | 40 | 2080 | 26,00€ |
| 54601 | 160-400Lm | 3-5W | 3,7V | XPE, COB | LI-ION | 2000-4000mAh | IPX2 | 0.21 | 10 | 20 | 1280 | 30,50€ |



IN 20 UNITS DISPLAY CASE




54599




54600




54601

## 53776 — 19,10€

0.15 | 12 | 48 | 1728

## MINI LED LAMP WITH MAGNETIC ARTICULATED BASE - 300LM



IN 12 UNITS DISPLAY CASE



| | |
|---|---|
| **Brightness** | 90-300Lm |
| **Power** | 3-5W |
| **Voltage** | 3,7V |
| **LED type** | XPE, COB |
| **Lighting modes** | 3 |
| **Battery type** | LI-ION |
| **Battery capacity** | 1500mAh |
| **Working time** | 3,5-6h |
| **Charging time** | 2,5h |
| **Loading method** | Micro USB |
| **Type** | Recargable/Rechargeable |
| **Magnetic** | Si/Yes |
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 140x73x23mm |

## 52987 — 20,00€

0.17 | 10 | 40 | 640

## POCKET LED LIGHT - 120LM



IN 10 UNITS DISPLAY CASE



| | |
|---|---|
| **Brightness** | 120Lm |
| **Power** | 4W |
| **Voltage** | 3,7V |
| **LED type** | COB |
| **Battery type** | LI-ION |
| **Battery capacity** | 1000mAh |
| **Working time** | 2,5h |
| **Charging time** | 1h |
| **Loading method** | Micro USB |
| **Magnetic** | Si/Yes |
| **Weight** | 0,17Kg |
| **Dimensions (LxWxH)** | 160x30x20mm |

## 53216 — 49,00€

0.60 | - | 10 | 120

### PORTABLE LED LAMP WITH HINGED MAGNETIC BASE - 170LM



| | |
|---|---|
| **Brightness** | 170Lm |
| **Power** | 2W |
| **Voltage** | 3,7-5V |
| **LED type** | XPE, COB |
| **Lighting modes** | 2 |
| **Battery type** | LI-ION |
| **Battery capacity** | 2000mAh |
| **Working time** | 3-4h |
| **Charging time** | 4-5h |
| **Loading method** | Micro USB |
| **Magnetic** | Si/Yes |
| **Weight** | 0,60Kg |
| **Dimensions (LxH)** | 390x100mm |

## 52536 — 57,00€

0.40 | - | 20 | 1000

### SLIM PORTABLE LED LIGHT - 200LM



**DISEÑO REGISTRADO**
REGISTERED DESIGN



| | |
|---|---|
| **Brightness** | 200Lm |
| **Power** | 2W |
| **Voltage** | 3,7V |
| **LED type** | XPE, COB |
| **Lighting modes** | 2 |
| **Battery type** | LI-ION |
| **Battery capacity** | 1900mA |
| **Working time** | 3,5-5h |
| **Charging time** | 4h |
| **Loading method** | Cargador/Charger |
| **Type** | Recargable/Rechargeable |
| **Magnetic** | Si/Yes |
| **Weight** | 0,40Kg |
| **Dimensions (LxH)** | 360x50mm |

## 51889 — 49,00€

0.43 | 10 | 10 | 320

### PORTABLE ARTICULATED LED LAMP WITH DOUBLE MAGNET - 60LM



| | |
|---|---|
| **Brightness** | 60Lm |
| **Power** | 2W |
| **Voltage** | 3,6V |
| **LED type** | XPE |
| **Lighting modes** | 2 |
| **Battery type** | LI-ION |
| **Battery capacity** | 2200mAh |
| **Working time** | 5h |
| **Charging time** | 3-4h |
| **Loading method** | Cargador/Charger |
| **Type** | Recargable/Rechargeable |
| **Magnetic** | Si/Yes |
| **Weight** | 0,43Kg |
| **Dimensions (LxH)** | 255x56mm |

## 54379 — 28,00€

0.23 | 12 | 48 | 1440

### PORTABLE LED WORK LIGH WITH RECHARGEABLE SOLAR MAGNETIC BASE - 800LM



IN 12 UNITS DISPLAY CASE



| | |
|---|---|
| **Brightness** | 80-800Lm |
| **Power** | 3-10W |
| **Voltage** | 5,2V |
| **LED type** | XPE, COB |
| **Lighting modes** | 4 |
| **Battery type** | LI-ION |
| **Battery capacity** | 4-12h |
| **Charging time** | 3,5h |
| **Loading method** | Solar, USB C |
| **Type** | Recargable/Rechargeable |
| **Magnetic** | Si/Yes |
| **Includes** | USB C |
| **Weight** | 0,23Kg |
| **Dimensions (LxWxH)** | 140x73x20mm |

## 53217

47,00€

0.30 | - | 20 | 620

### FLEXIBLE COB LED WORK LIGHT WITH MAGNETIC BASE - 200LM

| | |
|---|---|
| **Brightness** | 200Lm |
| **Voltage** | 5V |
| **LED type** | XPE, COB |
| **Battery type** | LI-ION |
| **Battery capacity** | 2200mAh |
| **Working time** | 4h |
| **Charging time** | 4h |
| **Loading method** | Micro USB |
| **Magnetic** | Si/Yes |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 120x40x265mm |




## 53780

14,50€

0.45 | 5 | 20 | 280

### LED LAMP - 400LM

| | |
|---|---|
| **Brightness** | 400Lm |
| **Power** | 6W |
| **Voltage** | 220-240V |
| **LED type** | COB |
| **IP protection** | IP20 |
| **Weight** | 0,45Kg |
| **Dimensions (LxWxH)** | 450x40x30mm |



## 52384

29,00€

0.33 | - | 20 | 600

### EXTRA-FLAT LED LIGHT- 200LM

| | |
|---|---|
| **Brightness** | 200Lm |
| **Power** | 3W |
| **Voltage** | 12-24V |
| **LED type** | COB |
| **Weight** | 0,33Kg |
| **Dimensions (LxWxH)** | 325x90mm |



## 54004

16,00€

0.10 | 12 | 96 | 2016

### ADJUSTABLE LED HEADLIGHT - 350LM

| | |
|---|---|
| **Brightness** | 150-350Lm |
| **Power** | 3-5W |
| **Voltage** | 2,5-4,17V |
| **LED type** | XPE, COB |
| **Lighting modes** | 3 |
| **Battery type** | LI-ION |
| **Battery capacity** | 1.200mAh |
| **Working time** | 2,5-4h |
| **Charging time** | 2,5h |
| **Includes** | USB C |
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 300x32x20mm |












IN 12 UNITS DISPLAY CASE




## 54267

9,50€

0.05 | 10 | 60 | 2160

### LED FLASHLIGHT GLOVE - 70LM

| | |
|---|---|
| **Brightness** | 70Lm |
| **Power** | 120mAh |
| **Voltage** | 3V |
| **LED type** | XPE |
| **Number of LED's** | 6 |
| **Weight** | 0,05Kg |
| **Dimensions (LxWxH)** | 160x32mm |



RIGHT HAND



## 54344 — 10,50€

0.11 | 10 | 100 | 1200

### LED FLASHLIGHT HAT - 120LM





| | |
|---|---|
| **Brightness** | 25-60-120Lm |
| **Power** | 1W |
| **Voltage** | 3,7V |
| **Lighting modes** | 3 |
| **Battery type** | LI-ION |
| **Battery capacity** | 250mAh |
| **Working time** | 40min, 6-8h, 8-10h |
| **Charging time** | 2h |
| **Loading method** | USB A |
| **Magnetic** | No |
| **IP protection** | IP3X |
| **Weight** | 0,11Kg |
| **Dimensions (LxWxH)** | 210x220x20mm |

## 54544 — 50,50€

0.37 | 12 | 48 | 672

### 800LM MULTIFUNCTION LED TORCH

| | |
|---|---|
| **Brightness** | 800Lm |
| **Power** | 10W |
| **Voltage** | 3,7V |
| **LED type** | LEP |
| **Battery capacity** | 13 |
| **Number of LED's** | 2800mAh |
| **Loading method** | USB C |
| **Magnetic** | No |
| **Weight** | 0,36Kg |
| **Dimensions (LxWxH)** | 185x53x37mm |



IN 12 UNITS DISPLAY CASE



VIDEO TUTORIAL

## 51573 — 2,50€

0.07 | 12 | 96 | 3648

### LED DYNAMO FLASHLIGHT - 6LM



| | |
|---|---|
| **Brightness** | 6Lm |
| **Voltage** | 4,5V |
| **LED type** | XPE |
| **Number of LED's** | 2 |
| **Loading method** | Dinamo/Dynamo |
| **Magnetic** | No |
| **Weight** | 0,07Kg |
| **Dimensions (LxWxH)** | 105x58mm |

## 51326 — 5,80€

0.07 | 12 | 144 | 2880

### MINI LED FLASHLIGHT - 63LM



IN 12 UNITS DISPLAY CASE



| | |
|---|---|
| **Brightness** | 63Lm |
| **Voltage** | 9V |
| **LED type** | XPE |
| **Number of LED's** | 21 |
| **Loading method** | x3 Pila/Battery AAA |
| **Magnetic** | No |
| **Weight** | 0,07Kg |
| **Dimensions (LxH)** | 95x35mm |

## 54039 — 154,00€

2.60 | - | 1 | 14

### INDUSTRIAL LED BELL - 20000LM



| | |
|---|---|
| **Pieces** | 1 |
| **Brightness** | 20000Lm |
| **Power** | 200W |
| **Voltage** | 220V |
| **LED type** | MTC |
| **Number of LED's** | 288 |
| **Cable lenght** | 300mm |
| **IP protection** | IP20 |
| **Weight** | 2,60Kg |
| **Dimensions (LxH)** | 500x380mm |

## 54133 — 547,00€

12.10 | - | 6 | 6

### SET OF 6 INDUSTRIAL LED BELLS - 20000LM (REF.54039)



| | |
|---|---|
| **Pieces** | 6 |
| **Brightness** | 20000Lm |
| **Power** | 200W |
| **Voltage** | 220V |
| **LED type** | MTC |
| **Number of LED's** | 288 |
| **Cable lenght** | 300mm |
| **IP protection** | IP20 |
| **Weight** | 12,10Kg |
| **Dimensions (LxH)** | 500x380mm |

## 54088 — 132,00€

2.50 | - | 1 | 54

### INDUSTRIAL LED BELL - 18000LM

| | |
|---|---|
| **Brightness** | 18000Lm |
| **Power** | 250W |
| **Voltage** | 200-240V |
| **LED type** | SMD2835 |
| **Number of LED's** | 240 |
| **Cable lenght** | 400mm |
| **IP protection** | IP65 |
| **Weight** | 2,50Kg |
| **Dimensions (LxWxH)** | 300x150mm |



## 53505 — 77,00€

2.50 | - | 8 | 96

### LED SPOTLIGHT - 3500LM

| | |
|---|---|
| **Brightness** | 3500Lm |
| **Power** | 50W |
| **Voltage** | 230V |
| **Number of LED's** | 60 |
| **Working time** | +25000h |
| **Cable lenght** | 2m |
| **IP protection** | IP65 |
| **Weight** | 2,50Kg |
| **Dimensions (LxWxH)** | 328x235x41mm |



| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| **53506** | TRIPOD FOR LED FLOOD LIGHT (REF.53505) | 2.40 | - | 8 | 112 | 36,00€ |

## 54967 — 47,00€

| 0.51 | 5 | 10 | 360 |
|---|---|---|---|

NEW

### 10W LED FLOODLIGHT WITH INFRARED MOTION SENSOR





| | |
|---|---|
| **Brightness** | 1000Lm |
| **Power** | 10W |
| **Voltage** | 3,7V |
| **LED Type** | COB |
| **Battery type** | LI-ION |
| **Lighting modes** | 3 (250Lm, 500Lm, 1000Lm) |
| **Battery capacity** | 4400mAh |
| **Charging time** | 2,5-3H |
| **Working time** | 3,5-10H |
| **Magnetic** | Si/Yes |
| **Weight** | 0,51Kg |
| **Dimensions (LxWxH)** | 135x55x175mm |

## 54968 — 89,50€

| 1.38 | 5 | 10 | 80 |
|---|---|---|---|

NEW

### 30W LED FLOODLIGHT WITH INFRARED MOTION SENSOR





| | |
|---|---|
| **Brightness** | 3000Lm |
| **Power** | 30W |
| **Voltage** | 3,7V |
| **LED Type** | COB |
| **Battery type** | LI-ION |
| **Lighting modes** | 3 (1300Lm, 2100Lm, 3000Lm) |
| **Battery capacity** | 8000mAh |
| **Charging time** | 4-5H |
| **Working time** | 2-8H |
| **Magnetic** | Si/Yes |
| **Weight** | 1,38Kg |
| **Dimensions (LxWxH)** | 195x80x245mm |

## 54271 — 54,00€

| 0.40 | 10 | 20 | 400 |
|---|---|---|---|

### FLEXIBLE MAGNETIC LED BAR WITH STRAP - 1000LM



| | |
|---|---|
| **Brightness** | 1000Lm |
| **Power** | 10W |
| **Voltage** | 3,7V |
| **LED type** | COB |
| **Lighting modes** | 2 |
| **Battery type** | LI-ION |
| **Battery capacity** | 1200mAh |
| **Working time** | 2-5h |
| **Charging time** | 3-4h |
| **Loading method** | USB C |
| **Magnetic** | Si/Yes |
| **Opening** | 1200-1800mm |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 1800x37x22mm |

## 54270 — 42,00€

| 0.20 | 10 | 20 | 640 |
|---|---|---|---|

### FLEXIBLE MAGNETIC LED BAR - 1000LM



| | |
|---|---|
| **Brightness** | 1000Lm |
| **Power** | 10W |
| **Voltage** | 3,7V |
| **LED type** | COB |
| **Lighting modes** | 2 |
| **Battery type** | LI-ION |
| **Battery capacity** | 1200mAh |
| **Working time** | 2-5h |
| **Charging time** | 3-4h |
| **Loading method** | USB C |
| **Magnetic** | Si/Yes |
| **Weight** | 0,20Kg |
| **Dimensions (LxWxH)** | 580x37x22mm |

## 54805

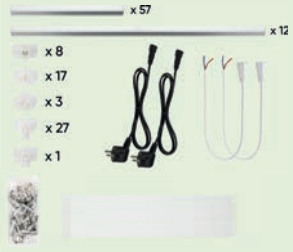
478,00€

8.00 | - | 1 | 18

NEW

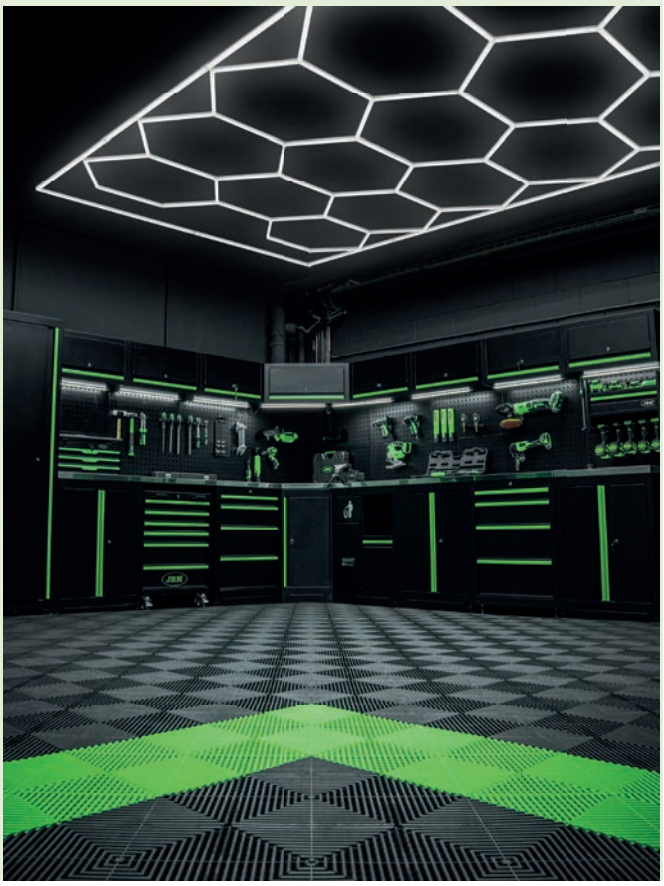
# SET OF HEXAGONAL LED CEILING LIGHTS

| | |
|---|---|
| **Brightness** | 83640Lm |
| **Power** | 615W |
| **Efficiency** | 110-120Lm/W |
| **Voltage** | 185-240V |
| **LED type** | 2835 |
| **Number of LED's** | 12 |
| **LED color temperature** | 6500k |
| **Material** | Al + PC |
| **Cable lenght** | 1,5m Enchufe europeo/ EU Plug |
| **IP protection** | IP45 |
| **Weight** | 8,00Kg |
| **Dimensions (LxWxH)** | 2435x42x4845mm |






SPARE PARTS AVAILABLE



## 54500

159,00€

1.75 | - | 5 | 105

# ADJUSTABLE LED HOOD BAR - 5000LM



VIDEO TUTORIAL



| | |
|---|---|
| **Brightness** | 5000Lm |
| **Power** | 33W |
| **Voltage** | 7,2V |
| **LED type** | XPE, SMD |
| **Lighting modes** | 3 |
| **Battery capacity** | 5000mAh |
| **Working time** | 3-15h |
| **Loading method** | USB C |
| **Opening** | 1180-1720mm |
| **Weight** | 1,75Kg |
| **Dimensions (LxWxH)** | 1172x50x20mm |

## 53570

154,00€

2.70 | - | 4 | 56

# LED HOOD LAMP - 1200LM



| | |
|---|---|
| **Brightness** | 1200Lm |
| **Power** | 10,92W |
| **Voltage** | 3,7V |
| **LED type** | COB |
| **Lighting modes** | 3 |
| **Battery type** | LI-ION |
| **Battery capacity** | 2600mAh |
| **Working time** | 3-7h |
| **Charging time** | 7-8h |
| **Loading method** | Micro USB |
| **Magnetic** | No |
| **Weight** | 2,70Kg |
| **Dimensions (LxWxH)** | 1180x110x120mm |

# LOW PROFILE LED FLASHING ROTATING BEACON

## 54172 — 81,00€

| 0.80 | 5 | 20 | 240 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 447,07Lm |
| **Power** | 13W |
| **Voltage** | 5V |
| **LED type** | SMD2835 |
| **Lighting modes** | 3 |
| **Battery type** | LI-ION Recargable/Rechargable |
| **Battery capacity** | 2200mAh |
| **Working time** | 3-4h |
| **Charging time** | 2-3h |
| **Loading method** | USB |
| **Magnetic** | No |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 128x128x210mm |



## 54173 — 87,00€

| 0.75 | 5 | 20 | 200 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 473,62Lm |
| **Power** | 13W |
| **Voltage** | 5V |
| **LED type** | SMD2835 |
| **Lighting modes** | 3 |
| **Battery type** | LI-ION Recargable/Rechargable |
| **Battery capacity** | 7,4V - 2200mAh |
| **Working time** | 3-4h |
| **Charging time** | 2-3h |
| **Loading method** | USB |
| **Magnetic** | Si/Yes |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,75Kg |
| **Dimensions (LxWxH)** | 128x128x140mm |



## 53691 — 36,00€

| 0.70 | - | 20 | 320 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 836,68Lm |
| **Power** | 18W |
| **Voltage** | 12-24V |
| **LED type** | 3030SMD |
| **Magnetic** | Si/Yes |
| **Material** | PC, PPB |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,70Kg |
| **Dimensions (LxH)** | 125x112mm |



## 53690 — 34,00€

| 0.55 | - | 20 | 200 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 836,68Lm |
| **Power** | 18W |
| **Voltage** | 12-24V |
| **LED type** | 3030SMD |
| **Material** | PC, PPB, TPR |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 125x182mm |



## 52375 — 38,00€

| 0.70 | - | 20 | 240 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 230,64Lm |
| **Power** | 21,3W |
| **Voltage** | 12-24V |
| **LED type** | SMD5730 |
| **Lighting modes** | 3 |
| **Cable lenght** | 2,5m |
| **Magnetic** | Si/Yes |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 140x140x170mm |



## 52456 — 36,00€

| 0.60 | - | 20 | 160 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 227,04Lm |
| **Power** | 21W |
| **Voltage** | 12-24V |
| **LED type** | SMD5730 |
| **Lighting modes** | 6 |
| **Magnetic** | No |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,60Kg |
| **Dimensions (LxWxH)** | 128x128x240mm |



## 51964 — 28,00€

| 0.65 | - | 20 | 160 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 300,93Lm |
| **Power** | 43,5W |
| **Voltage** | 12V |
| **Bulb** | H1 |
| **Magnetic** | No |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 128x128x240mm |



## 51965 — 34,00€

| 0.68 | - | 20 | 160 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 293,43Lm |
| **Power** | 41,74W |
| **Voltage** | 24V |
| **Bulb** | H1 |
| **Magnetic** | No |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,68Kg |
| **Dimensions (LxWxH)** | 128x128x240mm |



# LOW PROFILE LED FLASHING ROTATING BEACON

## 51960 — 34,00€

0.75 | - | 20 | 240

| | |
|---|---|
| **Brightness** | 299Lm |
| **Power** | 43,84W |
| **Voltage** | 12V |
| **Bulb** | H1 |
| **Cable lenght** | 4m |
| **Magnetic** | Si/Yes |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,75Kg |
| **Dimensions (LxH)** | 140x140x170mm |



## 51961 — 39,00€

0.78 | - | 20 | 240

| | |
|---|---|
| **Brightness** | 335,13Lm |
| **Power** | 33,55W |
| **Voltage** | 24V |
| **Bulb** | H1 |
| **Cable lenght** | 4m |
| **Magnetic** | Si/Yes |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,78Kg |
| **Dimensions (LxH)** | 140x140x170mm |



## 51962 — 25,00€

0.57 | - | 20 | 240

| | |
|---|---|
| **Brightness** | 269,20Lm |
| **Power** | 33,8W |
| **Voltage** | 12V |
| **Bulb** | H1 |
| **Magnetic** | No |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,57Kg |
| **Dimensions (LxWxH)** | 140x140x155mm |



## 51963 — 29,50€

0.55 | - | 20 | 240

| | |
|---|---|
| **Brightness** | 324,46Lm |
| **Power** | 33,62W |
| **Voltage** | 24V |
| **Bulb** | H1 |
| **Magnetic** | No |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,55Kg |
| **Dimensions (LxH)** | 140x140x155mm |



## 51966 — 18,00€

0.31 | - | 50 | 800

| | |
|---|---|
| **Brightness** | 57,75Lm |
| **Power** | 9,12W |
| **Voltage** | 12-110V |
| **Bulb** | Xenon |
| **Magnetic** | No |
| **Material** | PC, ABS |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,31Kg |
| **Dimensions (LxWxH)** | 161x161x131mm |





# LOW PROFILE LED FLASHING ROTATING BEACON

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52827 | LOW PROFILE LED FLASHING ROTATING BEACON - AMBER | | 0.50 | - | 20 | 400 | 46,00€ |
| 52828 | LOW PROFILE LED FLASHING ROTATING BEACON - BLUE | | 0.50 | - | 20 | 320 | 46,00€ |
| 52910 | LOW PROFILE LED FLASHING ROTATING BEACON - RED | | 0.50 | - | 20 | 320 | 46,00€ |



52827



52828



52910

# LED WORK LIGHT SPOTLIGHT

## 52568 — 28,00€

0.75 | - | 10 | 400

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W |
| **Number of LED's** | 9 |
| **Beam of light** | Concentrada/Concentrated |
| **Working time** | 20000h |
| **Magnetic** | Si/Yes |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,75Kg |
| **Dimensions (LxWxH)** | 107x127x50mm |



## 52569 — 28,00€

0.70 | - | 20 | 320

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W |
| **Number of LED's** | 9 |
| **Beam of light** | Concentrada/Concentrated |
| **Working time** | 20000h |
| **Magnetic** | Si/Yes |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 125x50x137mm |



## 53048 — 89,00€

1.50 | - | 10 | 1000

| | |
|---|---|
| **Brightness** | 3600Lm |
| **Power** | 40W |
| **Voltage** | 9-36V |
| **LED type** | 10W |
| **Number of LED's** | 4 |
| **Beam of light** | Concentrado/Concentrated |
| **Working time** | 50000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 123x87x118mm |



## 53051 — 158,00€

2.75 | - | 6 | 468

| | |
|---|---|
| **Brightness** | 7200Lm |
| **Power** | 80W |
| **Voltage** | 9-36V |
| **LED type** | 10W |
| **Number of LED's** | 8 |
| **Beam of light** | Concentrada/Concentrated |
| **Working time** | 50000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 2,75Kg |
| **Dimensions (LxWxH)** | 165x95x191,5mm |



## 52415 — 19,00€

0.60 | 5 | 20 | 480

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W |
| **Number of LED's** | 9 |
| **Beam of light** | Concentrada/Concentrated |
| **Working time** | 20000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,60Kg |
| **Dimensions (LxWxH)** | 110x50x128mm |



## 52414 — 19,00€

0.55 | 5 | 20 | 480

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W |
| **Number of LED's** | 9 |
| **Beam of light** | Concentrada/Concentrated |
| **Working time** | 20000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 118x128x50mm |



## 53047 — 330,00€

3.51 | - | 4 | 40

| | |
|---|---|
| **Brightness** | 3200Lm |
| **Power** | 80W |
| **Voltage** | 12-24V |
| **LED type** | 5W |
| **Number of LED's** | 10 |
| **Beam of light** | Concentrada/Concentrated |
| **Working time** | 50000h |
| **Magnetic** | Si/Yes |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP67 |
| **Weight** | 3,51Kg |
| **Dimensions (LxWxH)** | 185x150x230mm |



## 55090 — 47,50€

0.87 | - | 12 | 528

| | |
|---|---|
| **Brightness** | 2880Lm |
| **Power** | 48W |
| **Voltage** | 9-36V |
| **LED type** | 3W |
| **Number of LED's** | 16 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 50000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,87Kg |
| **Dimensions (LxWxH)** | 127x55x155mm |



# LED WORK LIGHT SCATTERED LIGHT

## 53428 — 18,00€

| 0.50 | 5 | 20 | 480 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 1800Lm |
| **Power** | 27W |
| **Voltage** | 10-30V |
| **LED type** | SMD |
| **Number of LED's** | 9 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 30000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP67 |
| **Weight** | 0,50Kg |
| **Dimensions (LxWxH)** | 126x48x108mm |



## 53429 — 18,00€

| 0.40 | 5 | 20 | 480 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 1800Lm |
| **Power** | 27W |
| **Voltage** | 10-20V |
| **LED type** | SMD |
| **Number of LED's** | 9 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 30000h |
| **Magnetic** | No |
| **Material** | Aluminio/Alumium |
| **IP protection** | IP68 |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 115x48x128mm |



## 52566 — 28,00€

| 1.00 | - | 10 | 300 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W LED |
| **Number of LED's** | 9 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 20000h |
| **Magnetic** | Si/Yes |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 1,00Kg |
| **Dimensions (LxWxH)** | 117x55x160mm |



## 52567 — 29,00€

| 0.90 | - | 10 | 400 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W LED |
| **Number of LED's** | 9 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 20000h |
| **Magnetic** | Si/Yes |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,90Kg |
| **Dimensions (LxWxH)** | 127x45x170mm |



## 52302 — 25,40€

| 0.80 | 5 | 20 | 480 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W |
| **Number of LED's** | 9 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 20000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 117x47x135mm |



## 52303 — 28,50€

| 0.76 | 5 | 20 | 480 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 1450Lm |
| **Power** | 27W |
| **Voltage** | 10-40V |
| **LED type** | 3W |
| **Number of LED's** | 9 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 20000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminum |
| **IP protection** | IP68 |
| **Weight** | 0,76Kg |
| **Dimensions (LxWxH)** | 125x50x137mm |



## 53049 — 89,00€

| 1.53 | - | 10 | 468 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 3600Lm |
| **Power** | 40W |
| **Voltage** | 9-36V |
| **LED type** | 10W |
| **Number of LED's** | 4 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 50000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 1,53Kg |
| **Dimensions (LxWxH)** | 123x87x117mm |



## 53052 — 158,00€

| 2.65 | - | 6 | 144 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 7200Lm |
| **Power** | 80W |
| **Voltage** | 9-36V |
| **LED type** | 5W |
| **Number of LED's** | 8 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 50000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 2,65Kg |
| **Dimensions (LxWxH)** | 165x98x191,5mm |



## 53045 — 35,00€

| 1.00 | - | 12 | 540 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 2800Lm |
| **Power** | 48W |
| **Voltage** | 10-40V |
| **LED type** | 3W |
| **Number of LED's** | 16 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 20000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP67 |
| **Weight** | 1,00Kg |
| **Dimensions (LxWxH)** | 130x55x150mm |



## 53046 — 39,00€

| 0.74 | - | 12 | 480 |
|---|---|---|---|

| | |
|---|---|
| **Brightness** | 2272Lm |
| **Power** | 24W |
| **Voltage** | 9-36V |
| **LED type** | 1,5W |
| **Number of LED's** | 16 |
| **Beam of light** | Dispersa/Scattered |
| **Working time** | 20000h |
| **Magnetic** | No |
| **Material** | Aluminio/Aluminium |
| **IP protection** | IP68 |
| **Weight** | 0,74Kg |
| **Dimensions (LxWxH)** | 129x131,5x45mm |



# RING TRAILER LIGHTING BOARDS

## 54161 — 99,00€

| 2.75 | - | 6 | 24 |
|---|---|---|---|

| | |
|---|---|
| **Voltage** | 12-24V |
| **Lighting modes** | 4 |
| **Cable lenght** | 7,5m |
| **PIN No.** | 7 |
| **Weight** | 2,75Kg |
| **Extensible** | 1400-2100mm |
| **Dimensions (LxH)** | 1400x140mm |

**Homologation number:**

E9*3R02/17*23444*00
E9*4R00/19*23444*00
E9*6R01/29*23444*00
E9*7R02/27*23444*00
E9*10R06/00*22232*02



## 54163 — 80,00€

| 1.85 | - | 6 | 54 |
|---|---|---|---|

| | |
|---|---|
| **Voltage** | 12-24V |
| **Lighting modes** | 4 |
| **Cable lenght** | 5m |
| **PIN No.** | 7 |
| **Weight** | 1,85Kg |
| **Dimensions (LxWxH)** | 1100x140mm |

**Homologation number:**

E9*3R02/17*23444*00
E9*4R00/19*23444*00
E9*6R01/29*23444*00
E9*7R02/27*23444*00
E9*10R06/00*22232*02



## 50910 — 45,00€

| 1.90 | - | 6 | 54 |
|---|---|---|---|

| | |
|---|---|
| **Power** | 4,96W |
| **Voltage** | 12V |
| **Lighting modes** | 4 |
| **Cable lenght** | 5m |
| **Magnetic** | No |
| **Operating temperature** | -30~50°C |
| **PIN No.** | 7 |
| **Weight** | 1,90Kg |
| **Dimensions (LxH)** | 1100x140mm |

**Homologation number:**

E4*4R-0024080
E4*6R-0124080
E4*7R-0224080
E9*10R06/02*23498*00



## 52838 — 56,00€

| 1.85 | - | 6 | 54 |
|---|---|---|---|

| | |
|---|---|
| **Power** | 1,05W |
| **Voltage** | 12V |
| **Lighting modes** | 4 |
| **Cable lenght** | 5m |
| **Magnetic** | No |
| **Operating temperature** | -30~50°C |
| **PIN No.** | 7 |
| **Weight** | 1,85Kg |
| **Dimensions (LxH)** | 1100x140mm |

**Homologation number:**

E4*7R-0218756



# LED LIGHT FOR TOWING LIGHT BAR

| REF. | | | | | € |
|---|---|---|---|---|---|
| **54160L** | 0.20 | 5 | 20 | 720 | 19,00€ |
| **54160R** | 0.20 | 5 | 20 | 720 | 19,00€ |

**Homologation number:**

E9*7R02/27*23444*00
E9*10R06/01*23199*00



## 54044 — 99,00€

1.15 | - | 6 | 180

### SET OF 2 WIRELESS MAGNETIC LED REAR LIGHTS



| | |
|---|---|
| **Voltage** | 12-24V |
| **Charging time** | 2-3h |
| **Magnetic** | Si/Yes |
| **Wireless** | 20m |
| **PIN No.** | 7 |
| **Weight** | 1,15Kg |
| **Dimensions (LxWxH)** | 98x30x108mm |

**Homologation number:**

E9*10R05/01*16210*02

## 53151 — 14,00€

0.20 | 5 | 20 | 880

### REAR LIGHT FOR TOWING LIGHT BAR



| | |
|---|---|
| **Power** | 1,05W |
| **Voltage** | 12V |
| **Lighting modes** | 4 |
| **Magnetic** | No |
| **Operating temperature** | -30~50°C |
| **Weight** | 0,20Kg |
| **Dimensions (LxH)** | 106x98mm |

## MAGNETIC REAR LIGHTS AND TRIANGULAR REFLECTORS SET

## 54162 — 81,00€

1.50 | - | 6 | 144



| | |
|---|---|
| **Voltage** | 12-24V |
| **Lighting modes** | 4 |
| **Magnetic** | Si/Yes |
| **Operating temperature** | -30~50°C |
| **PIN No.** | 7 |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 118x58x93mm |

**Homologation number:**

E9*7R02/27*23444*00

## 51886 — 44,00€

1.50 | - | 8 | 128



| | |
|---|---|
| **Power** | 4,96W |
| **Voltage** | 12V |
| **Magnetic** | Si/Yes |
| **Operating temperature** | -30~50°C |
| **PIN No.** | 7 |
| **Weight** | 1,50Kg |
| **Dimensions (LxH)** | 104x97mm |

**Homologation number:**

E4*3R-023749 | E4*7R-0224080
E4*4R-0024080 | E9*10R06/02*23498*00
E4*6R-0124080

## 52839 — 64,00€

1.47 | - | 8 | 144



| | |
|---|---|
| **Power** | 1,05W |
| **Voltage** | 12V |
| **Magnetic** | Si/Yes |
| **Operating temperature** | -30~50°C |
| **PIN No.** | 7 |
| **Weight** | 1,46Kg |
| **Dimensions (LxH)** | 106x98mm |

**Homologation number:**

E4*3R-0218756 | E4*7R-0218756
E4*4R-0018756 | E9*10R06/02*23199*01
E4*6R-0118756

## 53536 — 34,00€

0.40 | 4 | 24 | 432

### TOWLINE LIGHT TESTER 7/13 POLE

| | |
|---|---|
| **Voltage** | 9V |
| **Contains** | 7-13Pins |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 270x65x56mm |



**54078** 68,00€

0.66 | - | 20 | 200

## FORKLIFT SAFETY LIGHT



| | |
|---|---|
| **Power** | 15W |
| **Voltage** | 10-60V |
| **Beam of light** | Concentrada/Concentrated |
| **Weight** | 0,66Kg |
| **Dimensions (LxWxH)** | 150x95x115mm |

**51967** 16,00€

0.20 | 10 | 50 | 1200

## SQUARE ACOUSTIC ALARM 12V-80V



| | |
|---|---|
| **Voltage** | 12-80V |
| **Operating temperature** | -30~70°C |
| **Sound intensity** | 97dB |
| **Weight** | 0,20Kg |
| **Dimensions (LxWxH)** | 113x50x80mm |

**51968** 16,00€

0.23 | 10 | 50 | 1000

## SQUARE ACOUSTIC ALARM 12V-80V



| | |
|---|---|
| **Voltage** | 12-80V |
| **Operating temperature** | -30~70°C |
| **Sound intensity** | 107dB |
| **Weight** | 0,23Kg |
| **Dimensions (LxWxH)** | 113x50x80mm |

## BATTERIES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 51258 | R03 1,5V | 0.01 | 60 | 2400 | 134400 | 0,16€ |
| 10923 | 6F22 9V | 0.05 | 10 | 500 | - | 1,10€ |
| 10771 | R6P 1,5V | 0.03 | 60 | 1200 | - | 0,20€ |
| 51331 | R14P 1,5V | 0.09 | - | 240 | 18720 | 0,40€ |
| 15052 | ICR18650 3,7V | 0.05 | 5 | 10 | - | 3,00€ |
| 10000 | CR123A 3V | 2.10 | - | 10 | - | 7,00€ |


51258


10923


10771


51331


15052


10000

## CIGARETTE LIGHTERS AND VOLTAGE CONVERTER

| REF. | | | | | € |
|---|---|---|---|---|---|
| 11107 | 0.06 | - | 250 | - | 4,90€ |
| 13839 | 0.04 | - | 200 | - | 10,90€ |
| 14031 | 0.10 | 10 | 100 | 1152 | 10,30€ |
| 14032 | 0.10 | 10 | 100 | 1200 | 13,50€ |
| 14033 | 0.10 | 10 | 100 | 500 | 4,50€ |
| 16052 | 0.05 | 10 | 100 | - | 3,40€ |
| 16053 | 0.05 | 10 | 100 | - | 4,50€ |
| 54901 | 0.05 | 20 | 100 | 2800 | 7,00€ |
| 54902 | 0.05 | 20 | 100 | 2000 | 5,50€ |


11107


13839


14031


14032


14033


16052 - 16053


54901


54902

## ACCESSORIES

| REF. | | | | | € |
|---|---|---|---|---|---|
| 10750 | 0.25 | - | 50 | 1200 | 17,90€ |
| 10751 | 0.30 | - | 50 | - | 18,40€ |
| 52843 | 0.90 | - | 20 | 1500 | 33,50€ |
| 51969 | 0.12 | - | 50 | 1000 | 14,00€ |
| 11324 | 0.13 | - | 100 | - | 17,50€ |
| 11325 | 0.12 | - | 50 | 451 | 17,50€ |


10750


10751


52843


51969


11324


11325




# PNEUMATIC TOOLS

**176** SCREWDRIVING
**182** DRILLING
**183** CUTTING / SAWING
**184** SANDING/POLISHING
**186** AIR BLOW GUNS
**188** TYRE MAINTENANCE
**189** OTHER
**194** AIR HOSE REEL
**196** CONNECTOR HOSES
**197** ACCESSORIES AND CONSUMABLES
**198** SANDBLASTING MACHINES

## 54547 — 298,00€

1.65 | 5 | 10 | 140

### MINI IMPACT WRENCH 1/2" 2247 NM




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 1687Nm |
| **Max. breaking torque (untightening)** | 2247Nm |
| **Nominal speed** | 8500RPM |
| **Real air consumption** | 5,5CFM (158L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 91,5dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 4 |
| **Beats per minute** | 1650 |
| **Weight** | 1,65Kg |
| **Dimensions (LxWxH)** | 180x190x70mm |

## 53689 — 238,00€

1.88 | 5 | 10 | 160

### AIR IMPACT WRENCH 1/2" 1950NM




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 1329Nm |
| **Max. breaking torque (untightening)** | 1950Nm |
| **Nominal speed** | 8600RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 105dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 5 |
| **Beats per minute** | 1400 |
| **Weight** | 1,88Kg |
| **Dimensions (LxWxH)** | 187x206x70mm |

## 54521 — 129,00€

2.15 | - | 10 | 270

### IMPACT WRENCH 1/2" 1750NM




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 1560Nm |
| **Max. breaking torque (untightening)** | 1750Nm |
| **Nominal speed** | 7000RPM |
| **Real air consumption** | 6,71CFM (190L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 107dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 4 |
| **Beats per minute** | 1100 |
| **Weight** | 2,15Kg |
| **Dimensions (LxWxH)** | 188x61x186mm |

## 53726 — 128,00€

2.00 | 5 | 10 | 240

### IMPACT WRENCH 1/2" 1650NM




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 1350Nm |
| **Max. breaking torque (untightening)** | 1650Nm |
| **Nominal speed** | 7000RPM |
| **Real air consumption** | 7CFM (198L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 107dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 3 |
| **Beats per minute** | 950 |
| **Weight** | 2,00Kg |
| **Dimensions (LxWxH)** | 1800x710x1840mm |

## 54770 — 95,00€

1.45 | 5 | 10 | 300

NEW

### MINI AIR IMPACT WRENCH 1/2" 1200NM



| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 610Nm |
| **Max. breaking torque (untightening)** | 1200Nm |
| **Nominal speed** | 8500RPM |
| **Real air consumption** | 5CFM |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 93,14dB |
| **Hammer system** | Jumbo |
| **Speeds** | 4 |
| **Beats per minute** | 1200 |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 135x64x179mm |

## 53608 — 98,00€

2.35 | 5 | 10 | 240

### IMPACT WRENCH 1/2" 1200NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/2" |
| **Max. tightening torque** | 880Nm |
| **Max. breaking torque (untightening)** | 1200Nm |
| **Nominal speed** | 7500RPM |
| **Real air consumption** | 6,5CFM (183,5L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 107dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 4 |
| **Beats per minute** | 950 |
| **Weight** | 2,35Kg |
| **Dimensions (LxWxH)** | 187x71x184mm |

## 53588 — 178,00€

1.44 | - | 5 | 300

### MINI AIR IMPACT WRENCH 1/2" 1302NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 678Nm |
| **Max. breaking torque (untightening)** | 1302Nm |
| **Nominal speed** | 10000RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 87,9dB |
| **Hammer system** | Jumbo |
| **Speeds** | 6 |
| **Beats per minute** | 1600 |
| **Weight** | 1,44Kg |
| **Dimensions (LxWxH)** | 173x109x60mm |

## 54340 — 296,00€

1.40 | - | 5 | 600

### ARTICULATED NANO IMPACT WRENCH 1/2" 813 NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 610Nm |
| **Max. breaking torque (untightening)** | 813Nm |
| **Nominal speed** | 8000RPM |
| **Real air consumption** | 8CFM (226L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 92dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 3 |
| **Beats per minute** | 2000 |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 88x60x311mm |

## 54397 — 249,00€

| 1.30 | 5 | 10 | 450 |
|---|---|---|---|

### NANO COMPACT IMPACT WRENCH 1/2" 1004NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 500Nm |
| **Max. breaking torque (untightening)** | 1004Nm |
| **Nominal speed** | 7500RPM |
| **Real air consumption** | 3,4CFM (96L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 92dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 2 |
| **Beats per minute** | 1300 |
| **Weight** | 1,30Kg |
| **Dimensions (LxWxH)** | 85x64x141mm |

## 53733 — 238,00€

| 1.16 | 5 | 10 | 280 |
|---|---|---|---|

### NANO ANGLE IMPACT WRENCH 1/2" 350NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 231Nm |
| **Max. breaking torque (untightening)** | 350Nm |
| **Nominal speed** | 8500RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 88dB |
| **Hammer system** | Jumbo |
| **Speeds** | 4 |
| **Beats per minute** | 1300 |
| **Weight** | 1,16Kg |
| **Dimensions (LxWxH)** | 237x88x60mm |

## 51222 — 128,00€

| 0.90 | - | 20 | 240 |
|---|---|---|---|

### IMPACT WRENCH 1/2" 101NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 101Nm |
| **Max. breaking torque (untightening)** | 101Nm |
| **Nominal speed** | 10000RPM |
| **Real air consumption** | 3CFM (85L/min) |
| **Operating pressure** | 6,3BAR |
| **Hammer system** | Único/Single |
| **Speeds** | 16 |
| **Beats per minute** | 1000 |
| **Weight** | 0,90Kg |
| **Dimensions (LxWxH)** | 160x48x87mm |

## 54859 — 264,00€

| 4.25 | - | 6 | 144 |
|---|---|---|---|

NEW

### 3/4" IMPACT WRENCH 2300NM



VIDEO TUTORIAL

| | |
|---|---|
| **Square measure** | 3/4" |
| **Air intake** | 1/2" |
| **Max. tightening torque** | 2000Nm |
| **Max. breaking torque (untightening)** | 2300Nm |
| **Real air consumption** | 9CFM (255L/min) |
| **Nominal speed** | 5500RPM |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 108,9dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 4 |
| **Beats per minute** | 900 |
| **Weight** | 4,25Kg |
| **Dimensions (LxWxH)** | 228x90x217mm |

## 51212 — 488,00€

| 3.40 | - | 4 | 128 |
|---|---|---|---|

### AIR IMPACT WRENCH 3/4" 2034NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 3/4" |
| **Air intake** | 3/4" |
| **Max. tightening torque** | 1627Nm |
| **Max. breaking torque (untightening)** | 2034Nm |
| **Nominal speed** | 5500RPM |
| **Real air consumption** | 8CFM (226L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 90dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 6 |
| **Beats per minute** | 900 |
| **Weight** | 3,40Kg |
| **Dimensions (LxWxH)** | 232x215x87mm |

## 51211 — 560,00€

| 3.50 | - | 4 | 60 |
|---|---|---|---|

### AIR IMPACT WRENCH 1" 2034NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1" |
| **Air intake** | 3/8" |
| **Max. tightening torque** | 1627Nm |
| **Max. breaking torque (untightening)** | 2034Nm |
| **Nominal speed** | 5500RPM |
| **Real air consumption** | 8CFM (226L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 93dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 6 |
| **Beats per minute** | 900 |
| **Weight** | 3,50Kg |
| **Dimensions (LxWxH)** | 232x223x87mm |

## 53681 — 743,00€

| 7.10 | - | 2 | 51 |
|---|---|---|---|

### ULTRA-LIGHT 1" IMPACT WRENCH FOR TRUCKS 2441 NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1" |
| **Air intake** | 1/2" |
| **Max. tightening torque** | 1965Nm |
| **Max. breaking torque (untightening)** | 2441Nm |
| **Nominal speed** | 6000RPM |
| **Real air consumption** | 10CFM (282L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 90dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 3 |
| **Weight** | 7,10Kg |
| **Dimensions (LxWxH)** | 522x175x143mm |

## 52814 — 528,00€

| 18.50 | - | 1 | 28 |
|---|---|---|---|

### 1" IMPACT WRENCH FOR TRUCKS 3260 NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1" |
| **Air intake** | 1/2" |
| **Max. tightening torque** | 2180Nm |
| **Max. breaking torque (untightening)** | 3260Nm |
| **Nominal speed** | 3600RPM |
| **Real air consumption** | 14,7CFM (424L/min) |
| **Operating pressure** | 6BAR |
| **Sound intensity** | 108dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 6 |
| **Weight** | 18,50Kg |
| **Dimensions (LxWxH)** | 650x180x150mm |

## 51210 — 650,00€

| 1.90 | - | 4 | 60 |
|---|---|---|---|

### AIR IMPACT WRENCH 3/4" 2034NM + 15CM EXTENDER



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 3/4" |
| **Air intake** | 3/8" |
| **Max. tightening torque** | 1627Nm |
| **Max. breaking torque (untightening)** | 2034Nm |
| **Nominal speed** | 5500RPM |
| **Real air consumption** | 8CFM (230L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 90dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 6 |
| **Beats per minute** | 900 |
| **Weight** | 1,90Kg |
| **Dimensions (LxWxH)** | 368x232x87mm |

## 51213 — 690,00€

| 4.40 | - | 4 | 60 |
|---|---|---|---|

### AIR IMPACT WRENCH 1" 2034NM + 19 CM EXTENDER



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1" |
| **Air intake** | 3/8" |
| **Max. tightening torque** | 1627Nm |
| **Max. breaking torque (untightening)** | 2034Nm |
| **Nominal speed** | 5500RPM |
| **Real air consumption** | 8CFM (226L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 90dB |
| **Hammer system** | Doble/Twin |
| **Speeds** | 6 |
| **Beats per minute** | 900 |
| **Weight** | 4,40Kg |
| **Dimensions (LxWxH)** | 376x232x87mm |

**JBM RECOMMENDS THE USE OF ITS LUBRICANT OILS TO OPTIMIZE PERFORMANCE AND EXTEND LIFESPAN OF AIR TOOLS**

- **14534** OIL FOR AIR TOOLS 600ML
- **14560** OIL FOR AIR TOOLS 100ML





**FIND OUT STEP BY STEP HOW TO CORRECTLY DO MAINTENENCE ON YOUR PNEUMATIC TOOL**

Scan the QR code below to access our video tutorial page

**REPAIR SETS FOR PNEUMATIC TOOLS ARE AVAILABLE FOR YOU**

Scan the QR code below and choose the set that corresponds to your tool



## 51214 — 148,00€

1.10 | 5 | 20 | 960

### MINI RATCHET 1/4" 40.7NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/4" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 40,7Nm |
| **Nominal speed** | 350RPM |
| **Real air consumption** | 7,9CFM (138L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 85dB |
| **Weight** | 1,10Kg |
| **Dimensions (LxWxH)** | 133x38x53mm |

## 53784 — 148,00€

0.55 | 5 | 20 | 1200

### RATCHET 1/2" 40.8NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 40,8Nm |
| **Nominal speed** | 350RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 85dB |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 133x38x52mm |

## 51215 — 119,00€

1.20 | 5 | 20 | 240

### RATCHET 1/2" 68NM



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 68Nm |
| **Nominal speed** | 150RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 82,3dB |
| **Weight** | 1,20Kg |
| **Dimensions (LxWxH)** | 256x45x51mm |

## 54336 — 259,00€

1.45 | - | 5 | 4200

### ARTICULATED RATCHET WRENCH 1/2" 127NM





SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 95Nm |
| **Max. breaking torque (untightening)** | 127Nm |
| **Nominal speed** | 150RPM |
| **Real air consumption** | 7,9CFM (139L/Min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 92dB |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 272x506x768mm |

## 52167 — 48,00€

1.17 | 5 | 10 | 560

### AIR RATCHET 1/2" 61NM



| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Max. tightening torque** | 61Nm |
| **Nominal speed** | 150RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 95dB |
| **Weight** | 1,17Kg |
| **Dimensions (LxWxH)** | 263,5x56x41mm |

## 51220 — 240,00€

1.30 | - | 10 | 120

### REVERSIBLE DRILL 1/2"



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Nominal speed** | 800RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 83dB |
| **Drill bit dimensions** | Ø12,5mm |
| **Weight** | 1,30Kg |
| **Dimensions (LxWxH)** | 200x152x43mm |

## 53573 — 36,00€

0.90 | 5 | 20 | -

### STRAIGHT AIR DRILL 3/8"



| | |
|---|---|
| **Square measure** | 3/8" |
| **Air intake** | 1/4" |
| **Nominal speed** | 20000RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 89dB |
| **Drill bit dimensions** | Ø1,5-10mm |
| **Weight** | 0,90Kg |
| **Dimensions (LxWxH)** | 208,2x65,5x41,5mm |

## 52159 — 64,00€

1.40 | 5 | 10 | 240

### REVERSIBLE AIR DRILL 1/2"



| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Nominal speed** | 700RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 86dB |
| **Drill bit dimensions** | Ø12,5mm |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 212,8x149,4x42mm |

## 52527 — 82,00€

1.14 | 5 | 10 | 480

### REVERSIBLE RIGHT ANGLE AIR DRILL 3/8", 90°



| | |
|---|---|
| **Square measure** | 3/8" |
| **Air intake** | 1/4" |
| **Nominal speed** | 1500RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 86dB |
| **Drill bit dimensions** | Ø0,5-9,5mm |
| **Weight** | 1,14Kg |
| **Dimensions (LxWxH)** | 207,8x124,7x42,5mm |

## 52160 — 48,00€

1.16 | 5 | 10 | 400

### REVERSIBLE DRILL 3/8"



| | |
|---|---|
| **Square measure** | 3/8" |
| **Air intake** | 1/4" |
| **Nominal speed** | 18000RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 86dB |
| **Drill bit dimensions** | Ø9,5mm |
| **Weight** | 1,16Kg |
| **Dimensions (LxWxH)** | 194,3x149,4x42mm |

## 54794 — 84,50€

1.30 | 5 | 10 | 360

NEW

### AIR POWER SHEAR



| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 1800RPM |
| **Real air consumption** | 114L/min |
| **Sound intensity** | 85dB |
| **Cutting capacity** | 1.2mm |
| **Weight** | 1,30Kg |

## 52574 — 69,00€

0.65 | 4 | 20 | 640

### SAW 1/4" 9000RPM

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 9000RPM |
| **Real air consumption** | 6CFM (170L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 89dB |
| **Cutting capacity** | 1,6-2mm |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 236x71x40mm |

## 52953 — 38,00€

0.80 | 5 | 20 | 420

### GRINDER 3" 18000RPM

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 18000RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 84dB |
| **Diameter of disc** | 3" |
| **Cutting capacity** | 25mm |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 186x80,8x66,3mm |

## 54556 — 74,00€

0.80 | 5 | 10 | 550

### BELT SANDER 3/8"

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 18000RPM |
| **Real air consumption** | 113L/min |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 89dB |
| **Sanding orbit** | 10x330mm |
| **Sanding orbit** | 60x80x120mm |
| **Angle** | 90° |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 290x100x50mm |

## 52171 — 39,00€

0.37 | 5 | 20 | 1080

### MINI AIR DIE GRINDER 1/4"



| | |
|---|---|
| **Clamp diameter** | 1/4", 1/8", 3, 6mm |
| **Air intake** | 1/4" |
| **Nominal speed** | 25000RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 93dB |
| **Shaft diameter** | 1/4" |
| **Weight** | 0,37Kg |
| **Dimensions (LxWxH)** | 121x51x34mm |

## 51245 — 99,00€

0.40 | - | 20 | 240

### COMPACT AIR DIE GRINDER 3/8"

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Axle size** | 3/8" |
| **Air intake** | 1/4" |
| **Nominal speed** | 25000RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 77dB |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 159x39x63mm |

## 53137 — 38,00€

0.70 | 5 | 10 | 480

### 1/4" MINI GRINDER



| | |
|---|---|
| **Square measure** | 1/4" |
| **Air intake** | 1/4" |
| **Nominal speed** | 25000RPM |
| **Real air consumption** | 85L/min |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 101dB |
| **Diameter of disc** | 3-6mm |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 155x39x65mm |

## 53141 — 73,00€

0.40 | 4 | 20 | 1120

### 1/4" ANGLE GRINDER



| | |
|---|---|
| **Square measure** | 1/4" |
| **Air intake** | 1/4" |
| **Nominal speed** | 18000RPM |
| **Real air consumption** | 3CFM (86L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 99dB |
| **Shaft diameter** | 6mm |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 150x50x85mm |

## 52528 — 49,00€

0.60 | 5 | 20 | 960

### AIR ANGLE GRINDER 1/4", 90°



| | |
|---|---|
| **Square measure** | 1/4" |
| **Air intake** | 1/4" |
| **Nominal speed** | 20000RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 91dB |
| **Shaft diameter** | 1/4" |
| **Angle** | 90° |
| **Weight** | 0,60Kg |
| **Dimensions (LxWxH)** | 165x77x37mm |

## 51216 — 650,00€

1.20 | - | 4 | 16

### AIR SURFACE PREPARATION TOOL SET



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 3500RPM |
| **Real air consumption** | 10CFM (283L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 83dB |
| **Diameter of disc** | 11-23mm |
| **Weight** | 1,20Kg |
| **Dimensions (LxWxH)** | 272x70x203mm |

## 53626

18,00€

| 0.30 | - | 12 | 576 |
|---|---|---|---|

# HEADLIGHT RESTORATION SET



IN 12 UNITS
DISPLAY CASE




| | | |
|---|---|---|
| x2 | P800 Sanding Discs |
| x2 | P1200 Sanding Discs |
| x2 | P2000 Sanding Discs |
| x2 | 3.0ml UV Protect Liquid |
| x2 | Adapter (3/8" & 1/4") |
| x1 | 85gm Polish Paste |
| x1 | Masking tape |
| x1 | Wool Polish Disc |
| x1 | White Sponge Disc |

## 53646

69,00€

| 0.85 | 5 | 10 | 400 |
|---|---|---|---|

# AIR POLISHER KIT 3"



SPARE PARTS
AVAILABLE

| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 3200RPM |
| **Real air consumption** | 3,5CFM (99L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 88dB |
| **Shaft diameter** | 16,8mm |
| **Diameter of disc** | 3" |
| **Weight** | 0,85Kg |
| **Dimensions (LxWxH)** | 209,6x80x121,2mm |

## 52676

99,00€

| 0.98 | 5 | 10 | 80 |
|---|---|---|---|

# AIR ORBITAL SANDER SELF-CONTAINED DUST

| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 10500RPM |
| **Real air consumption** | 3,5CFM (99L/min) |
| **Operating pressure** | 90PSI |
| **Sound intensity** | 6,2BAR |
| **Diameter of disc** | 150mm |
| **Sanding orbit** | 15 Agujeros/Holes |
| **Sanding orbit** | 5mm |
| **Angle** | 90° |
| **Weight** | 0,98Kg |
| **Dimensions (LxWxH)** | 223,3x147,5x105,9mm |



SPARE PARTS
AVAILABLE

**SEE PAGE 193**

Discover the variety of accessories we have for you:
Sanding discs





## 52675 — 89,00€

0.96 | 5 | 10 | 160

### AIR ORBITAL SANDER WITH VACUUM ADAPTER 5MM

| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 10500RPM |
| **Real air consumption** | 3,5CFM (99L/min) |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 90dB |
| **Diameter of disc** | 150mm |
| **Sanding orbit** | 15 Agujeros/Holes |
| **Sanding orbit** | 5mm |
| **Angle** | 90° |
| **Weight** | 0,96Kg |



## 52758 — 89,00€

0.96 | 5 | 10 | 160

### AIR ORBITAL SANDER ITH VACUUM ADAPTER 2.5MM

| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 10500RPM |
| **Real air consumption** | 3,5CFM (99L/min) |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 90dB |
| **Diameter of disc** | 150mm |
| **Sanding orbit** | 15 Agujeros/Holes |
| **Sanding orbit** | 2,5mm |
| **Angle** | 90° |
| **Weight** | 0,96Kg |



## 54251 — 43,00€

0.63 | 5 | 20 | 160

### SUCTION AND BLOW GUN 1/4"

| | |
|---|---|
| **Air intake** | 1/4" |
| **Real air consumption** | 4,4CFM (96L/min) |
| **Operating pressure** | 6,2BAR |
| **Diameter** | 3/8"-10mm |
| **Lenght** | 1450mm |
| **Weight** | 0,63Kg |

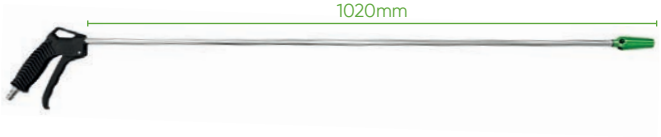
VIDEO TUTORIAL



## 53611 — 27,50€

0.50 | - | 20 | 160

### EXTRA LONG AIR BLOW GUN




| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 11,7BAR |
| **Lenght** | 1020mm |
| **Weight** | 0,50Kg |

## 52798 — 18,00€

0.25 | 10 | 50 | 700

### EXTENDABLE LONG LANCE AIR BLOW GUN




| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 11,7BAR |
| **Lenght** | 285-530mm |
| **Weight** | 0,25Kg |

## 52490 — 6,65€

0.10 | 10 | 40 | 960

### LONG AIR BLOW GUN 100MM




IN 10 UNITS DISPLAY CASE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 8,2BAR |
| **Lenght** | 100mm |
| **Weight** | 0,10Kg |

## 52491 — 10,50€

0.15 | 10 | 80 | 800

### AIR BLOW GUN 300MM




IN 10 UNITS DISPLAY CASE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 8,3BAR |
| **Lenght** | 300mm |
| **Weight** | 0,15Kg |

## 52787 — 9,00€

| 0.20 | 25 | 100 | 1200 |
|---|---|---|---|

### BLOWGUN IN INDIVIDUAL BLISTER

| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 8,3BAR |
| **Lenght** | 260mm |
| **Weight** | 0,20Kg |



## 51383 — 11,60€

| 0.27 | 10 | 50 | 700 |
|---|---|---|---|

### AIR BLOW GUN IN A BLISTER

| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 8BAR |
| **Lenght** | 150mm |
| **Weight** | 0,27Kg |



IN 10 UNITS
DISPLAY CASE



## 53205 — 22,50€

| 0.20 | - | 48 | 500 |
|---|---|---|---|

### HIGH-FLOW BLOW GUN



| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 6,2BAR |
| **Weight** | 0,20Kg |
| **Dimensions (LxWxH)** | 160x30x100mm |

## 52381 — 20,50€

| 0.45 | 5 | 25 | 200 |
|---|---|---|---|

### AIR BLOW GUN 3/8" WITH RECOIL HOSES 5M



| | |
|---|---|
| **Air intake** | 3/8" |
| **Operating pressure** | 8,3BAR |
| **Lenght** | 5m |
| **Weight** | 0,45Kg |

## 51277 — 68,00€

| 1.84 | - | 5 | 70 |
|---|---|---|---|

### PNEUMATIC TOOLS SET



| | |
|---|---|
| **PISTOL GRIP AIR INFLATOR WITH GAUGE** | |
| **Working Pressure:** | 0-16BAR |
| **Air Inlet:** | 1/4" |
| **Hose Length:** | 330mm |
| **AIR BLOW GUN** | |
| **Working Pressure:** | 0-12BAR |
| **Air Inlet:** | 1/4" |
| **ENGINE WASHING GUN WITH TANK FOR CLEANING SOLUTION** | |
| **Max. Pressure:** | 10BAR |
| **Air Inlet:** | 1/4" |
| **Capacity:** | 600CC |
| **Pot Material:** | Steel |
| **Body Material:** | Aluminium Alloy |
| **Surface:** | Powder Coated |

| | |
|---|---|
| **SPRIAL HOSE** | |
| **Dimension:** | 5x8mm |
| **Max. Length:** | 4.5m |
| **Air Inlet:** | 1/4" |
| **GRAVITY PAINT SPRAY GUN WITH TANK** | |
| **Air Consumption:** | 0.3-0.5MPa |
| **Nozzle Diameter:** | 1.5mm |
| **Tank Capacity:** | 600ml |

## 51981

23,50€

0.57 | 5 | 20 | 240

### AIR BLOW GUN + GUN GRIP TYRE INFLATOR



| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 12BAR |
| **Lenght** | 320mm |
| **Weight** | 0,58Kg |



## 51980

15,00€

0.40 | 5 | 25 | 450

### GUN GRIP TYRE INFLATOR



| | |
|---|---|
| **Air intake** | 1/4" |
| **Maximum working pressure** | 16BAR |
| **Lenght** | 330mm |
| **Weight** | 0,40Kg |

## 54248

62,00€

0.88 | 5 | 20 | 240

### AIR SPRAY GUN

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Real air consumption** | 10CFM (283L/min) |
| **Air flow** | 6-10 scfm |
| **Operating pressure** | 30BAR |
| **Tank capacity** | 600ml |
| **Maximum flow rate** | 100-190mL/min |
| **Spraying capacity** | 160-240mm |
| **Weight** | 0,88Kg |

## 54249

110,00€

0.98 | 5 | 20 | 240

### PROFESSIONAL AIR SPRAY GUN

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Real air consumption** | 10CFM (283L/min) |
| **Air flow** | 6-10 scfm |
| **Operating pressure** | 30BAR |
| **Tank capacity** | 600ml |
| **Maximum flow rate** | 190ml/min |
| **Spraying capacity** | 180-260mm |
| **Diameter** | 1,4mm |
| **Weight** | 0,98Kg |

**53449** 18,00€

0.45 | 5 | 20 | 320

## ANALOG INFLATION GUN



| | |
|---|---|
| **Air intake** | 1/4" |
| **Maximum working pressure** | 6,9BAR |
| **Units of measure** | PSI / BAR |
| **Lenght** | 200mm |
| **Weight** | 0,45Kg |

**53450** 28,30€

0.40 | 5 | 20 | 360

## AIR INFLATOR WITH DIGITAL GAUGE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Maximum working pressure** | 13,8BAR |
| **Units of measure** | PSI / BAR / KPA / KG/CM2 |
| **Lenght** | 300mm |
| **Weight** | 0,40Kg |

## PRESSURE TESTERS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| **52648** | TIRE PRESSURE GAUGE | 0.08 | 5 | 100 | 2000 | 9,00€ |
| **53416** | TIRE GAUGE WITH HOSE (0-10BAR) | 0.20 | 10 | 100 | 800 | 15,50€ |
| **53417** | DIGITAL TIRE GAUGE WITH HOSE (0-15 BAR) | 0.25 | 10 | 100 | 800 | 27,50€ |
| **53418** | DIGITAL TIRE GAUGE (0-15BAR) | 0.20 | 10 | 100 | 800 | 18,10€ |



52648



53416



53417



53418

**53625** 68,00€

1.97 | 5 | 10 | 320

## AIR NEEDLE SCALER



| | |
|---|---|
| **Air intake** | 1/4" |
| **Range** | 6,2BAR |
| **Opening** | 350mm |
| **Weight** | 1,97Kg |
| **Dimensions (LxWxH)** | 260x185x57mm |

**51861** 199,00€

4.00 | - | 2 | 32

## PNEUMATIC CV JOINT EXPANDER



| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 9BAR |
| **Material** | Aluminio/Aluminum |
| **Opening** | 20-100mm |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 200x200x450mm |

## 54888

239,00€

| 9.50 | - | 1 | 49 |
|---|---|---|---|
| Kg | SUB | | |

NEW

### 25 PC MULTI-FUNCTION PNEUMATIC HAMMER

| | |
|---|---|
| **Axle size** | 3/4" |
| **Air intake** | 1/4" |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 110dB |
| **Beats per minute** | 4500 |
| **Contains** | Cinceles,extractores de rótula/Chisels,Ball-joint extractors |
| **Weight** | 9,50Kg |
| **Dimensions (LxWxH)** | 470x320x125mm |



## 52718

48,00€

| 1.95 | 4 | 8 | 160 |
|---|---|---|---|
| Kg | SUB | | |

### 9-PIECE AIR HAMMER SET WITH 1/2" CHISEL

| | |
|---|---|
| **Square measure** | 1/2" |
| **Air intake** | 1/4" |
| **Nominal speed** | 4500RPM |
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,3BAR |
| **Sound intensity** | 103dB |
| **Drill bit dimensions** | Ø12,5mm |
| **Beats per minute** | 4500 |
| **Contains** | Cinceles/Chisels |
| **Weight** | 1,95Kg |
| **Dimensions (LxWxH)** | 151x150x49mm |



## 52540

221,00€

| 4.36 | - | 1 | 60 |
|---|---|---|---|
| Kg | SUB | | |

### PNEUMATIC SUCTION CUP DENT PULLER

| | |
|---|---|
| **Pieces** | 5 |
| **Resistance** | 7,6BAR |
| **Diameter** | 75, 100, 125mm |
| **Lenght** | 620mm |
| **Weight** | 4,36Kg |
| **Dimensions (LxWxH)** | 620x250x100mm |



## 53542

980,00€

| 4.60 | - | 4 | 40 |
|---|---|---|---|
| Kg | SUB | | |

### PNEUMATIC TYRE BEAD BREAKER

| | |
|---|---|
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Speed** | 10000RPM |
| **Air intake** | 1/4" |
| **Hose** | 3/8" |
| **Opening** | 68mm |
| **Route** | 80mm |
| **Material** | S, Al |
| **Weight** | 4,60Kg |
| **Dimensions (LxWxH)** | 396x320x160mm |

SPARE PARTS AVAILABLE



## 54255 — 74,00€

1.60 | - | 10 | 500

### SET OF 7 ACCESSORIES FOR GREASE GUN



| | |
|---|---|
| **Pieces** | 7 |
| **Hose extension** | 300mm |
| **Adapters** | 90-360° |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 260x170x60mm |

## 50751 — 44,00€

1.50 | 5 | 10 | 180

### PNEUMATIC GREASE GUN 1/4"



| | |
|---|---|
| **Air intake** | 1/4" |
| **Capacity** | 500ml |
| **Operating pressure** | 6,2BAR |
| **Maximum pressure** | 30Mpa |
| **Weight** | 1,50Kg |

## 52543 — 182,00€

0.84 | - | 6 | 90

### PARTICULATE FILTER CLEANING GUN



| | |
|---|---|
| **Air intake** | 1/4" |
| **Range** | 3-7BAR |
| **Capacity** | 650cc |
| **Compatible with** | 90003, 90004 |
| **Weight** | 0,84Kg |
| **Dimensions (LxWxH)** | 165x89x260mm |

## 52575 — 119,00€

1.75 | 5 | 10 | 120

### AIR RIVETER



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Air intake** | 1/4" |
| **Adapters** | 3/16", 5/32", 1/8", 3/32" |
| **Real air consumption** | 0,03CFM (0,86L/min) |
| **Traction** | 720,00Kg |
| **Maximum torque** | 23-69Nm |
| **Weight** | 1,75Kg |
| **Dimensions (LxWxH)** | 85x175x280mm |

## 53593 — 41,00€

0.65 | - | 5 | 80

### AIR SAND BLASTER GUN




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Air intake** | 1/4" |
| **Range** | 8BAR |
| **Real air consumption** | 6,5CFM (184L/min) |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 238x110x160mm |

## 53204 — 81,00€

0.66 | - | 5 | 60

### BLACK CLEANING GUN




| | |
|---|---|
| **Air intake** | 1/4" |
| **Range** | 9,1BAR |
| **Real air consumption** | 8-10CFM (227-283L/min) |
| **Weight** | 0,66Kg |
| **Dimensions (LxWxH)** | 325x120x235mm |

## 53202 — 15,70€

1.40 | - | 10 | 80

### ENGINE WASHING GUN



| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 10BAR |
| **Capacity** | 900cc |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 205x110x375mm |

## 53572 — 348,00€

1.90 | 5 | 11 | 75

### AIR VALVE LAPPER SET - PERCUSSION AND ROTATION

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 12 |
| **RPM (Revolutions per minute)** | 800 |
| **Air intake** | 1/4" |
| **Real air consumption** | 1,80CFM (51L/min) |
| **Weight** | 1,90Kg |
| **Dimensions (LxWxH)** | 283x87x70mm |

## 53567 — 43,00€

1.05 | - | 10 | 180

### AIR CAULKING GUN 310ML



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 2,5-5BAR |
| **Capacity** | 310ml |
| **Weight** | 1,05Kg |
| **Dimensions (LxWxH)** | 305x185x65mm |

## 52533 — 10,00€

0.74 | 12 | 24 | 144

### SILICONE CAULKING GUN 300ML



| | |
|---|---|
| **Capacity** | 300ml |
| **Weight** | 0,74Kg |
| **Dimensions (LxWxH)** | 360x215x60mm |

## 54514 — 109,00€

3.50 | - | 4 | 32

### PNEUMATIC/MANUAL OIL EXTRACTOR PUMP 6.5L



| | |
|---|---|
| **Capacity** | 6,5L |
| **Operating pressure** | 2,76-11,72BAR |
| **Air intake** | 1/4" |
| **Operating temperature** | 2/80°C |
| **Weight** | 3,50Kg |
| **Dimensions (LxWxH)** | 225x215x565mm |

## 54555 — 149,00€

4.00 | - | 1 | 28

### PNEUMATIC TRANSMISSION PUMP 10L WITH 15 ADAPTERS



| | |
|---|---|
| **Capacity** | 10L |
| **Hoses** | 4 |
| **Adapters** | 15 |
| **Operating pressure** | 2,8-11,7BAR |
| **Air intake** | 1/4" |
| **Operating temperature** | -3/140°C |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 280x245x530mm |

## 90003 — 35,20€

1.08 | - | 10 | 480

### DESCARBONIZER




## 90004 — 25,80€

0.50 | - | 12 | 320

### NEUTRALIZING




## 53147 — 41,00€

1.15 | 5 | 10 | 200

### AIR TOOL DISPLAY STAND



| | |
|---|---|
| **Weight** | 1,15Kg |
| **Dimensions (LxWxH)** | 350x250x30mm |

## 53492 — 380,00€

13.00 | - | 1 | 16

### AIR TOOL DISPLAY STAND




TOOLS NOT INCLUDED




| | |
|---|---|
| **Weight** | 13,00Kg |
| **Dimensions (LxWxH)** | 970x530x240mm |

**52378** 10,00€

0.36 | 10 | 40 | 720

## MAGNETIC HOOK FOR AIR TOOLS





**51341** 37,00€

1.62 | - | 12 | 96

## MAGNETIC HOOK FOR AIR TOOLS





## CUTTING DISCS

| REF. | DESCRIPTION | COMPATIBILITY | | | | | € |
|---|---|---|---|---|---|---|---|
| 51385 | 4" X 1/32" CUTTING DISC | 51219 | 0.01 | 10 | 300 | 800 | 4,95€ |
| 51387 | 3" CUTTING DISC | 51227 | 0.03 | 10 | 300 | 800 | 3,65€ |


51385


51387

## SANDING DISCS

| REF. | DESCRIPTION | COMPATIBILITY | | | | | € |
|---|---|---|---|---|---|---|---|
| 51386 | 5" SANDING DISC | 51218 | 0.10 | - | 25 | 800 | 8,50€ |
| 51443 | 60" SANDING DISC #60 | 51226 | 0.50 | 25 | 150 | 800 | 6,50€ |
| 51444 | SANDING DISC #80 | 51226 | 0.02 | - | 25 | 800 | 7,00€ |
| 51445 | SANDING DISC #120 | 51226 | 0.02 | - | 25 | 800 | 5,70€ |


51386



51443


51444


51445

## DISKS FOR ORBITAL SANDERS

| REF. | DESCRIPTION | COMPATIBILITY | | | | | € |
|---|---|---|---|---|---|---|---|
| 13499 | 15 HOLES DISK FOR SANDERS | 52675 | 0.10 | - | 50 | 1500 | 12,50€ |
| 13500 | 66 HOLE POLISHING DISC BASE | 52676 | 0.65 | 5 | 50 | - | 12,90€ |
| 12009 | 6 HOLES DISK FOR SANDERS | 52758 | 0.14 | - | 50 | - | 11,00€ |


13499


13500


12009

## OIL FILTER AND REGULATORS

| REF. | " | | | | | € |
|---|---|---|---|---|---|---|
| 53063 | 1/4" | 0.63 | 5 | 50 | 300 | 37,00€ |
| 53064 | 3/8" | 0.63 | 5 | 50 | 300 | 37,40€ |
| 53065 | 1/2" | 0.60 | 5 | 50 | 300 | 39,00€ |



## AIR FILTER, REGULATOR & OIL LUBRICATORS

| REF. | " | | | | | € |
|---|---|---|---|---|---|---|
| 53066 | 1/4" | 1.08 | 5 | 25 | 250 | 61,00€ |
| 53067 | 3/8" | 1.08 | 5 | 25 | 250 | 61,00€ |
| 53068 | 1/2" | 1.00 | 5 | 25 | 250 | 63,00€ |



## 14534 — 18,80€

0.55 | 6 | 12 | 540

### OIL FOR AIR TOOLS 600ML



| | |
|---|---|
| **Capacity** | 600ml |
| **Viscosity** | 12,1/40°C |
| **Relative density at 15°C** | 0,845 |

## 14560 — 8,80€

0.10 | 12 | 72 | 1008

### OIL FOR AIR TOOLS 100ML



IN 12 UNITS
DISPLAY CASE



| | |
|---|---|
| **Capacity** | 100ml |
| **Viscosity** | 12,1/40°C |
| **Relative density at 15°C** | 0,845 |

## 53594 — 58,00€

3.10 | - | 4 | 96

### 8MM AIR HOSE - 25M

SPARE PARTS
AVAILABLE



| | |
|---|---|
| **Maximum working pressure** | 20BAR |
| **Internal diameter** | 8mm |
| **External diameter** | 13mm |
| **Lenght** | 25M |
| **Operating temperature** | -40/65°C |
| **Compatible with** | 52736 |
| **Weight** | 3,10Kg |

## 53595 — 61,00€

3.20 | - | 4 | 72

### 10MM AIR HOSE - 25M

SPARE PARTS
AVAILABLE



| | |
|---|---|
| **Maximum working pressure** | 20BAR |
| **Internal diameter** | 10mm |
| **External diameter** | 15mm |
| **Lenght** | 25M |
| **Operating temperature** | -40/65°C |
| **Compatible with** | 52737 |
| **Weight** | 3,20Kg |

## 54792 — 30,50€

1.60 | - | 10 | 180

NEW

### 10M AIR HOSE 10MM



| | |
|---|---|
| **Adapters** | 1/4" |
| **Maximum working pressure** | 20BAR |
| **Internal diameter** | 10mm |
| **External diameter** | 15mm |
| **Material** | PVC |
| **Color** | Verde alta visibilidad/ High visibility green |
| **UV resistant** | Si/Yes |
| **Lenght** | 10M |
| **Operating temperature** | -40°C + 70°C |
| **Weight** | 1,60Kg |

## 54793 — 50,00€

3.40 | - | 4 | 80

NEW

### 20M AIR HOSE 10MM



| | |
|---|---|
| **Adapters** | 1/4" |
| **Maximum working pressure** | 20BAR |
| **Internal diameter** | 10mm |
| **External diameter** | 15mm |
| **Material** | PVC |
| **Color** | Verde alta visibilidad/ High visibility green |
| **UV resistant** | Si/Yes |
| **Lenght** | 20M |
| **Operating temperature** | -40°C + 70°C |
| **Weight** | 3,40Kg |

## RETRACTABLE AIR HOSE REEL

| REF. | | m | " | Operating pressure | Burst pressure | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 53582 | | 22m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 10.40 | - | 1 | 14 | 174,00€ |
| 53583 | | 22m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 10.75 | - | 1 | 14 | 174,00€ |
| 53532 | | 13m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 6.60 | - | 2 | 30 | 119,00€ |
| 53581 | | 13m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 6.70 | - | 2 | 36 | 119,00€ |
| 53881 | | 11,5m | 1/4" | 10BAR/150PSI | 30BAR/450PSI | 8mm | 4.50 | - | 4 | 48 | 79,00€ |
| 53882 | | 11,5m | 1/4" | 10BAR/150PSI | 30BAR/450PSI | 8mm | 4.50 | - | 4 | 48 | 79,00€ |





AUTO GUIDE REWIND SYSTEM



WITH HANDLE



WITH COUPLING



53582 - 53583



53532-53581-53881-53882

WITH WALL BRACKET

**50797** — 490,00€

20.00 | - | 1 | 14

## 15+1M 1/2" RETRACTABLE OIL HOSE REEL

| | |
|---|---|
| **Tube length** | 15+1m |
| **Operating pressure** | 180BAR |
| **Burst pressure** | 540BAR |
| **Connectors** | 1/2" BSPT |
| **Diameter** | 12,7mm |
| **Material** | Acero/Steel |
| **Weight** | 19,00Kg |
| **Dimensions (LxWxH)** | 640x255x630mm |



## RECOIL AIR HOSES

| REF. | m | | | " | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 53629 | 10m | 8mm | 5mm | 1/4" | 0.55 | - | 6 | 426 | 14,90€ |
| 53630 | 15m | 8mm | 5mm | 1/4" | 0.65 | - | 6 | 240 | 21,00€ |
| 53631 | 15m | 12mm | 8mm | 1/4" | 1.25 | - | 6 | 108 | 35,50€ |
| 53632 | 15m | 15mm | 10mm | 1/4" | 2.20 | - | 6 | 78 | 49,50€ |
| 53633 | 15m | 15mm | 10mm | 3/8" | 2.10 | - | 6 | 78 | 49,50€ |
| 53634 | 15m | 18mm | 13mm | 1/2" | 2.60 | - | 6 | 66 | 69,00€ |



53629 53630 53631 53632 53633 53634

## CONNECTORS / THREADS

MALE
FEMALE

### US

| REF. | PCS | " | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 13930 | 1 | 1/4" | ♂ | ♂ | 0.01 | 50 | 100 | 1,55€ |
| 13932 | 1 | 3/8" | ♂ | ♂ | 0.07 | 50 | 100 | 2,50€ |
| 14076 | 1 | 3/8" | ♂ | ♀ | 0.10 | 50 | 100 | 1,70€ |
| 13933 | 1 | 1/2" | ♂ | ♂ | 0.06 | 50 | 100 | 2,00€ |
| 13935 | 2 | 1/4" | ♂ | ♀ | 0.05 | 50 | 100 | 2,50€ |
| 13936 | 1 | 1/4" | ♀ | ♀ | 0.10 | 50 | 100 | 4,15€ |
| 13937 | 1 | 1/4" | ♀ | ♂ | 0.07 | 50 | 100 | 4,20€ |
| 14078 | 1 | 3/8" | ♀ | ♀ | 0.10 | 50 | 100 | 4,45€ |
| 14191 | 1 | 1/2" | ♂ | ♀ | 0.04 | 50 | 100 | 2,00€ |
| 14193 | 1 | 1/2" | ♀ | ♀ | 0.10 | 50 | 100 | 4,50€ |




### EUR

| REF. | PCS | " | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 13931 | 2 | 1/4" | ♂ | ♂ | 0.02 | 50 | 100 | 2,50€ |
| 14075 | 1 | 3/8" | ♂ | ♀ | 0.10 | 50 | 100 | 2,00€ |
| 13934 | 2 | 1/4" | ♂ | ♀ | 0.02 | 50 | 100 | 2,50€ |
| 13938 | 1 | 1/4" | ♀ | ♀ | 0.10 | 50 | 200 | 4,05€ |
| 13939 | 1 | 1/4" | ♀ | ♂ | 0.07 | 50 | 100 | 4,05€ |
| 14077 | 1 | 3/8" | ♀ | ♀ | 0.10 | 50 | 100 | 4,50€ |
| 14190 | 1 | 1/2" | ♂ | ♀ | 0.04 | 50 | 100 | 2,00€ |
| 14192 | 1 | 1/2" | ♀ | ♀ | 0.10 | 50 | 100 | 4,45€ |




## SECURITY LOCK QUICK CONNECTOR HOSE CONNECTIONS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 14201 | 1/4" - M6 | 0.10 | 25 | 100 | - | 4,30€ |
| 14202 | 1/4"" - M8 | 0.10 | 25 | 100 | - | 4,35€ |
| 14203 | 1/4" - M10 | 0.10 | 25 | 100 | - | 4,85€ |




## QUICK RELEASE AIR FITTINGS MALE THREADEDS

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 14204 | EUR - M6 | M 1/4" | 0.06 | 50 | 200 | - | 1,50€ |
| 14205 | EUR - M8 | M 3/8" | 0.06 | 50 | 200 | 2000 | 1,50€ |
| 14206 | EUR - M10 | M 1/2" | 0.05 | 50 | 200 | - | 1,50€ |
| 14207 | US - M6 | M 1/4" | 0.05 | 50 | 200 | - | 1,50€ |
| 14208 | US - M8 | M 3/8" | 0.06 | 50 | 200 | - | 1,50€ |
| 14209 | US - M10 | M 1/2" | 0.05 | 50 | 200 | - | 1,50€ |



## SECURITY LOCK QUICK CONNECTORS

MALE
FEMALE

| REF. | " | [ ] | | | | | € |
|---|---|---|---|---|---|---|---|
| 14195 | 1/4" | ♀ | ♂ | 0.20 | 25 | 100 | - | 4,30€ |
| 14196 | 3/8" | ♀ | ♂ | 0.10 | 25 | 100 | - | 4,30€ |
| 14197 | 1/2" | ♀ | ♂ | 0.10 | 25 | 100 | - | 4,50€ |
| 14198 | 1/4" | ♀ | ♀ | 0.10 | 25 | 100 | - | 4,05€ |
| 14199 | 3/8" | ♀ | ♀ | 0.10 | 25 | 100 | - | 4,00€ |
| 14200 | 1/2" | ♀ | ♀ | 0.10 | 25 | 100 | 2400 | 4,85€ |


14195


14196


14197


14198


14199


14200

## SWIVEL MALE AIR PLUGS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 14314 | EUR - 1/4" | 0.05 | 25 | 100 | - | 5,20€ |
| 14315 | US - 1/4" | 0.06 | 25 | 100 | - | 5,60€ |


14314


14315

**14561** 8,80€

0.05 | 25 | 50 | -

## 1/4" OIL COUPLER






## QUICK RELEASE COUPLINGS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52735 | 1/4" - M6 | 0.05 | 25 | 200 | 4000 | 5,20€ |
| 52736 | 1/4" - M8 | 0.10 | 25 | 200 | 4000 | 5,70€ |
| 52737 | 1/4" - M10 | 0.07 | 25 | 200 | 4000 | 5,90€ |



## SWIVEL AIR HOSE CONNECTORS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 12988 | SWIVEL AIR HOSE CONNECTOR 1/2" | 0.15 | 62 | 125 | - | 20,50€ |
| 13809 | SWIVEL AIR HOSE CONNECTOR 1/4" | 0.10 | - | 100 | - | 12,00€ |
| 13810 | SWIVEL AIR HOSE CONNECTOR 3/8" | 0.10 | 62 | 250 | - | 18,50€ |









## 54341 — 643,00€

51.00 | - | 1 | 8

### SANDBLASTING MACHINE 220L

VIDEO TUTORIAL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 100-240V |
| **Tank capacity** | 220L |
| **Sand loading capacity** | 33L |
| **Recommended grain size** | 60-80MESH |
| **Air flow rate** | 40-120PSI |
| **Weight** | 51,00Kg |
| **Tank capacity** | 860x560x560mm |
| **Dimensions (LxWxH)** | 1390x905x632mm |

## 54563 — 298,00€

19.30 | - | 1 | 14

### SANDBLASTING MACHINE 90L

VIDEO TUTORIAL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 12V |
| **Tank capacity** | 90L |
| **Sand loading capacity** | 6,5L |
| **Recommended grain size** | 60-80MESH |
| **Air flow rate** | 40-120PSI |
| **Weight** | 19,30Kg |
| **Tank capacity** | 580x480x305mm |
| **Dimensions (LxWxH)** | 580x485x494mm |

## 54865 — 439,00€

23.00 | - | 1 | 2

NEW

### PORTABLE HIGH-PRESSURE SANDBLASTING TANK – 63L



| | |
|---|---|
| **Capacity** | 63L |
| **Real air consumption** | 6-25 CFM |
| **Operating pressure** | 60-125 PSI |
| **High-pressure hose length** | 2,4M |
| **Weight** | 23,00Kg |
| **Dimensions (LxWxH)** | 880x460x420mm |

## 54866 — 1.690,00€

36.50 | - | 1 | 3

NEW

### PORTABLE CARBON CLEANING TANK WITH SANDBLASTING – 18 L



| | |
|---|---|
| **Vacuum pump power** | 1200W |
| **Workflow** | 1-2 L/min |
| **Real air consumption** | 158-165 L/min |
| **Operating pressure** | 90-125 PSI |
| **Tank capacity** | 18L |
| **Hose length** | 3M |
| **Maximum vacuum capacity** | 15L |

## 54867 — 840,00€

36.00 | - | 1 | 2

NEW

### SANDBLASTING MACHINE WITH SUCTION AND VACUUM SYSTEM – 17 L



| | |
|---|---|
| **Vacuum pump power** | 1200W |
| **Voltage** | 230V / 50Hz |
| **RPM (Revolutions per minute)** | 16000RPM |
| **Air flow** | 6-22.5 CFM |
| **Operating pressure** | 90-120 PSI |
| **Tank capacity** | 17L |
| **Tank dimensions** | 381×381×1041mm |
| **Weight** | 36,00Kg |

# IMPACT TOOLS


**200** IMPACT SOCKETS SETS

**204** SPECIAL TOOLS FOR TYRES

**206** ADAPTERS

**207** IMPACT SOCKETS SPARE PARTS

**209** SPECIAL TOOLS FOR TRUCKS




## 52694 — 49,50€

1.31 | 5 | 10 | 400

### 3 PIECE 1/2" XZN IMPACT SOCKET SET



| | | | | | |
|---|---|---|---|---|---|
| | | **1/2"** | x3 | 78mmL | 30, 32, 36mm |

## 52337 — 69,00€

1.91 | - | 10 | 300

### 6 PIECE 1/2" HEXAGONAL IMPACT SOCKET SET



| | | | | | |
|---|---|---|---|---|---|
| | | **1/2"** | x3 | 80mmL | 30, 32, 36mm |
| | | **1/2"** | x3 | 43mmL | 14, 17, 19mm |

## 52547 — 96,00€

2.70 | - | 5 | 200

### 8 PIECE 1/2" XZN IMPACT SOCKET AND BIT SET

SPARE PARTS AVAILABLE



| | | | | | |
|---|---|---|---|---|---|
| | | **1/2"** | x5 | 78mmL | 27, 30, 32, 34, 36mm |
| | | **1/2"** | x3 | 45mmL | M14, M16, M18 |

## 54806 — 96,00€

1.85 | - | 5 | 320

NEW

### SET OF 5 HEXAGON SOCKETS AND 3 XZN 1/2' IMPACT BITS

SPARE PARTS AVAILABLE



| | | | | | |
|---|---|---|---|---|---|
| | | **1/2"** | x5 | 78mmL | 27, 30, 32, 34, 36mm |
| | | **1/2"** | x3 | 45mmL | M14, M16, M18 |

## 53531 — 111,00€

3.55 | - | 4 | 240

### 19 PIECE 1/2" IMPACT SOCKET SET WITH 14 12-POINT SOCKETS + ADAPTERS

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| | **1/2"** | x14 | 78mmL | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27mm |
| | **1/2"** | x3 | 50, 150, 250mm | |
| | **1/2"** | x1 | IMPACT ADAPTER 1/2"F 3/4"M | |
| | **1/2"** | x1 | UNIVERSAL JOINT IMPACT SOCKET 1/2" | |

## 52345 — 109,00€

3.55 | - | 4 | 240

### 19 PIECE 1/2" IMPACT SOCKET SET WITH 14 HEXAGONAL SOCKETS + ADAPTERS

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| | **1/2"** | x14 | 78mmL | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27mm |
| | **1/2"** | x3 | 50, 150, 250mm | |
| | **1/2"** | x1 | IMPACT ADAPTER 1/2"F 3/4"M | |
| | **1/2"** | x1 | UNIVERSAL JOINT IMPACT SOCKET 1/2" | |

## 52341 — 59,00€

1.70 | - | 10 | 336

### 13 PIECE 1/2" HEXAGONAL IMPACT SOCKET SET + ADAPTERS

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x10 | 38mmL | 10, 11, 12, 13, 14, 17, 19, 21, 22, 24mm |
| 1/2" | x1 | 125mm | |
| 1/2" | x1 | 1/2" 125MM DRIVE IMPACT EXTENSION BAR | |
| 1/2" | x1 | UNIVERSAL JOINT IMPACT SOCKET 1/2" | |

## 52346 — 110,00€

4.55 | - | 4 | 96

### 15 PIECE 1/2" HEX DEEP IMPACT SOCKETS SET

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x12 | 78mmL | 10, 12, 13, 15, 16, 17, 18, 19, 21, 22, 24, 27mm |
| 1/2" | x2 | 125, 250mm | |
| 1/2" | x1 | UNIVERSAL JOINT IMPACT SOCKET 1/2" | |

## 52342 — 63,00€

2.05 | - | 10 | 180

### 11 PIECE 1/2" HEXAGONAL IMPACT SOCKET SET

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x11 | 78mmL | 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24mm |

## 53744 — 63,00€

2.30 | - | 10 | 240

### 11 PIECE 1/2" 12-POINT IMPACT SOCKET SET

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 1/2" | x11 | 78mmL | 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24mm |

## 53060 — 34,90€

0.85 | 5 | 25 | 360

### 12 PIECE 1/2" LOW PROFILE HEXAGONAL IMPACT SOCKET SET





| | | | |
|---|---|---|---|
| 1/2" | x12 | 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21mm | |

## 52810 — 9,00€

0.20 | 10 | 100 | -

### BIT SOCKET XZN TAMPERPROOF M16



- Impact sockets 75mm long, squared ½" to extract the drain screw with impact wrench in transmissions of VAG, Porsche, Ford, etc.

| | | | | |
|---|---|---|---|---|
| 1/2" | x1 | 75mm | M16 | |

## 52811 — 9,90€

0.15 | 5 | 100 | -

### BIT SOCKET XZN TAMPERPROOF M18



- To extract the vehicle steering arm of VAG vehicles.

| | | | | |
|---|---|---|---|---|
| 1/2" | x1 | 75mm | M18 | |

## 52546 — 40,50€

| 0.80 | 5 | 10 | 720 |
|---|---|---|---|

### 6 PIECE 1/2" XZN IMPACT SOCKET AND BIT SET

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| 1/2" | x3 | 43mmL | M14, M16, M18 |
| 1/2" | x3 | 78mmL | M14, M16, M18 |

## 52344 — 197,00€

| 1.45 | - | 10 | 600 |
|---|---|---|---|

### 13 PIECE 1/2" HEXAGONAL AND TORX IMPACT BIT SET



| | | | | |
|---|---|---|---|---|
| 1/2" | x5 | 45mmL | 5, 6, 8, 10, 12mm |
| 1/2" | x8 | 45mmL | T30, T40, T45, T50, T55, T60, T70, T80 |

## 52339 — 61,00€

| 1.25 | 5 | 10 | 320 |
|---|---|---|---|

### 9-PIECE 1/2" HEX IMPACT SOCKET SET

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| 1/2" | x9 | 78mmL | 5, 6, 7, 8, 10, 12, 14, 17, 19mm |

## 52340 — 58,00€

| 1.15 | - | 10 | 320 |
|---|---|---|---|

### 9 PIECE SET OF 1/2" T60 TORX IMPACT SOCKET BITS

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| 1/2" | x9 | 78mmL | T20, T25, T30, T40, T45, T50, T55, T60, T70 |

## 51028 — 163,00€

| 6.25 | - | 2 | 50 |
|---|---|---|---|

### 16 PIECES BIT SOCKET SET

SPARE PARTS AVAILABLE



| | | | |
|---|---|---|---|
| 3/4" | x4 | H17, H19, H22, H24 |
| 3/4" | x5 | T60, T70, T80, T90, T100 |
| 3/4" | x4 | E18, E20, E22, E24 |

| | | | |
|---|---|---|---|
| 1" | x1 | 22mm |
| 3/4" | x1 | 22mm |
| | x1 | 4mm |

## 52969 — 22,50€

| 0.80 | 5 | 20 | 480 |
|---|---|---|---|

### 3 PIECE 1/2" HEXAGONAL LONG IMPACT SOCKET SET

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| 1/2" | x3 | 78mmL | 17, 19, 21mm |

## 55016

169,00€

8.50 | - | 2 | 48

NEW

### 1/2" DRIVE 34-PIECE HEX IMPACT SOCKET SET



SPARE PARTS AVAILABLE

| | | | |
|---|---|---|---|
| 1/2" | x12 | 38mm: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22mm | |
| | x1 | 40mm: 24mm | |
| | x3 | 44mm: 27, 30, 32mm | |
| | x16 | 38mm: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32mm | |
| 1/2" | x1 | 125mm | |
| 1/2" | x1 | 65mm | |

## 55005

198,00€

11.10 | - | 2 | 48

NEW

### 1/2" DRIVE 29-PIECE DEEP HEX IMPACT SOCKET SET



SPARE PARTS AVAILABLE

| | | | | |
|---|---|---|---|---|
| 1/2" | x29 | 78mm | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36mm |

## 54896

39,50€

1.20 | - | 10 | 500

NEW

### SET OF 4 DOUBLE-SIDED IMPACT SOCKETS



| | | | |
|---|---|---|---|
| 1/2" | x4 | 18.5-19.5, 20.5-21.5, 22-22.5, 27-27.5mm | |
| | x1 | 78mm | |

## 54316

182,00€

5.85 | - | 2 | 252

### 8 PIECE 1" LARGE IMPACT SOCKET SET



SPARE PARTS AVAILABLE

| | | | | |
|---|---|---|---|---|
| 1" | x6 | 90mmL | 24, 27, 30, 32, 33, 36mm | |
| 1" | x2 | 95mmL | 38, 41mm | |

## 52348

179,00€

5.85 | - | 2 | 256

### 8 PIECE 1" IMPACT SOCKET SET



SPARE PARTS AVAILABLE

| | | | | |
|---|---|---|---|---|
| 1" | x2 | 58mmL | 24, 27mm | |
| 1" | x3 | 62mmL | 30, 32, 33mm | |
| 1" | x2 | 65mmL | 36, 38mm | |
| 1" | x1 | 68mmL | 41mm | |

## 53470 — 176,00€

7.50 | - | 2 | 160

### 8 PIECE 3/4" IMPACT SOCKET SET



| | | | | |
|---|---|---|---|---|
| 3/4" | x8 | 90mmL | 24, 27, 29, 30, 32, 34, 36, 38mm |

## 52347 — 158,00€

6.25 | - | 4 | 154

### 8 PIECE 3/4" IMPACT SOCKET SET



| | | | | |
|---|---|---|---|---|
| 3/4" | x8 | 90mmL | 26, 27, 29, 30, 32, 35, 36, 38mm |

## 53587 — 49,00€

1.05 | 5 | 20 | -

### 4 PIECES 1/2" DRIVE ALLOY WHEEL IMPACT SOCKET SET

SPARE PARTS AVAILABLE



| | | | | | |
|---|---|---|---|---|---|
| 1/2" | x1 | 85mmL | 15mm | Smart |
| 1/2" | x1 | 85mmL | 17mm | Mercedes |
| 1/2" | x1 | 85mmL | 21mm | Hyundai / Kia |
| 1/2" | x1 | 85mmL | 22mm | Opel |

## 52343 — 52,00€

1.90 | - | 10 | 320

### 12 PIECE 1/2" HEXAGONAL IMPACT SOCKET AND WHEEL NUT REMOVER SET



| | | | | |
|---|---|---|---|---|
| 1/2" | x1 | 85mmL | 17mm |
| 1/2" | x1 | 85mmL | 19mm |
| 1/2" | x1 | 85mmL | 21mm |
| 1/2" | x1 | 42mmL | 27mm |
| 1/2" | x8 | 38mmL | 10, 11, 13, 14, 17, 19, 22, 24mm |

## 52338 — 29,00€

1.00 | 5 | 20 | 640

### 4 PIECE 1/2" DRIVE ALLOY WHEEL SET

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| 1/2" | x1 | 85mmL | 17mm |
| 1/2" | x1 | 85mmL | 19mm |
| 1/2" | x1 | 85mmL | 21mm |
| 1/2" | x1 | 85mmL | 22mm |

## 54548 — 198,00€

1.00 | 4 | 12 | 672

### SET OF 3 LIMITED TORQUE IMPACT SOCKETS

SPARE PARTS AVAILABLE



| | | | | |
|---|---|---|---|---|
| 1/2" | x1 | 101mmL | 17mm |
| 1/2" | x1 | 101mmL | 19mm |
| 1/2" | x1 | 101mmL | 21mm |

## 53988

101,00€

3.00 | - | 5 | 220

### 10 PIECE 1/2" IMPACT WHEEL SOCKET SET

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1/2" | x1 | | 85mmL | 15mm | |
| | 1/2" | x1 | | 85mmL | 17mm | |
| | 1/2" | x1 | | 85mmL | 19mm | |
| | 1/2" | x1 | | 85mmL | 21mm | |
| | 1/2" | x1 | | 85mmL | 22mm | |
| | 1/2" | x1 | | 85mmL | 23mm | |
| | 1/2" | x1 | | 85mmL | 24mm | |
| | 1/2" | x1 | | 85mmL | 17mm | Mercedes |
| | 1/2" | x1 | | 85mmL | 21mm | Hyundai/Kia |
| | 1/2" | x1 | | 85mmL | 7/8" | Tesla |



## 51336

19,90€

0.85 | 5 | 20 | 480

### 3 PIECE DRIVE ALLOY WHEEL IMPACT SOCKET SET

SPARE PARTS AVAILABLE



| | | | | | |
|---|---|---|---|---|---|
| 1/2" | x1 | | 85mmL | 17mm | |
| 1/2" | x1 | | 85mmL | 19mm | |
| 1/2" | x1 | | 85mmL | 21mm | |

## 53197

29,00€

1.17 | - | 20 | -

### 4 PIECE ANTI-TWISTING WHEEL LUG IMPACT SOCKET SET



| | | | | |
|---|---|---|---|---|
| 1/2" | x4 | 82mmL | 17, 19, 21, 22mm | |

## 53077

66,00€

1.58 | - | 10 | 400

### DRIVE TORQUE LIMITING EXTENSION BAR SET

SPARE PARTS AVAILABLE



| | | | | | |
|---|---|---|---|---|---|
| 1/2" | x1 | | | 100Nm | |
| 1/2" | x1 | | | 110Nm | |
| 1/2" | x1 | | 200mm | 120Nm | |
| 1/2" | x1 | | | 135Nm | |
| 1/2" | x1 | | | 150Nm | |

### YOU MAY ALSO LIKE...

| REF. | " | Nm | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 13680 | 1/2" | 200Nm | | 0.36 | - | 50 | - | 15,50€ |
| 13681 | 1/2" | 190Nm | | 0.35 | 10 | 100 | 1800 | 15,50€ |
| 13682 | 1/2" | 175Nm | | 0.32 | - | 50 | - | 15,50€ |
| 13683 | 1/2" | 160Nm | | 0.30 | 10 | 100 | - | 15,50€ |
| 13689 | 1/2" | 90Nm | | 0.20 | 5 | 50 | 1500 | 15,50€ |



## 54734 — 19,00€

0.40 | 5 | 20 | 1200

### 2 PIECE 1/2" IMPACT SOCKET SET FOR FORD ALUMINUM WHEELS




| | | | |
|---|---|---|---|
| 1/2" | x1 | 18,5x19,5mm | FORD |
| 1/2" | x1 | 20,5x21,5mm | FORD |

## UNIVERSAL JOINT IMPACT SOCKETS

| REF. | " | | | | | € |
|---|---|---|---|---|---|---|
| 11938 | 3/4" | 0.62 | 10 | 50 | - | 47,00€ |
| 11990 | 1/2" | 0.15 | 10 | 100 | 4000 | 15,30€ |




## DRIVE IMPACT EXTENSION BARS

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 12937 | 1/2" | 50mm | 0.11 | 10 | 100 | 1500 | 9,50€ |
| 12074 | 1/2" | 125mm | 0.23 | 10 | 60 | 700 | 11,50€ |
| 12075 | 1/2" | 250mm | 0.45 | 10 | 100 | 350 | 15,50€ |
| 17134 | 1" | 125mm | 1.14 | 5 | 10 | 350 | 32,00€ |
| 17135 | 1" | 250mm | 1.97 | 2 | 10 | 270 | 39,00€ |
| 17136 | 1" | 330mm | 2.45 | 2 | 10 | 220 | 42,50€ |
| 17137 | 1" | 400mm | 2.98 | 1 | 5 | 160 | 59,00€ |




## 53043 — 57,00€

0.43 | 5 | 50 | 800

### SET OF 3 IMPACT JOINTS WITH DUAL POSITION (FIXED/ARTICULATED)



x3 | 1/4", 3/8", 1/2"

## 52545 — 179,00€

3.00 | - | 4 | 1500

### 2 PIECE IMPACT ADAPTER SET




1"-1/2"H x 1"M




1"H x 1"-1/2"M

## 53743 — 39,70€

0.80 | 5 | 20 | 640

### 6 PIECE IMPACT ADAPTER SET

SPARE PARTS AVAILABLE



| | |
|---|---|
| 1/4"H - 3/8"M | 1/2"H - 3/8"M |
| 3/8"H - 1/4"M | 1/2"H - 3/4"M |
| 3/8"H - 1/2"M | 3/4"H - 1/2"M |

## 52544 — 94,00€

2.90 | - | 4 | 384

### 6 PIECE IMPACT ADAPTER SET

SPARE PARTS AVAILABLE



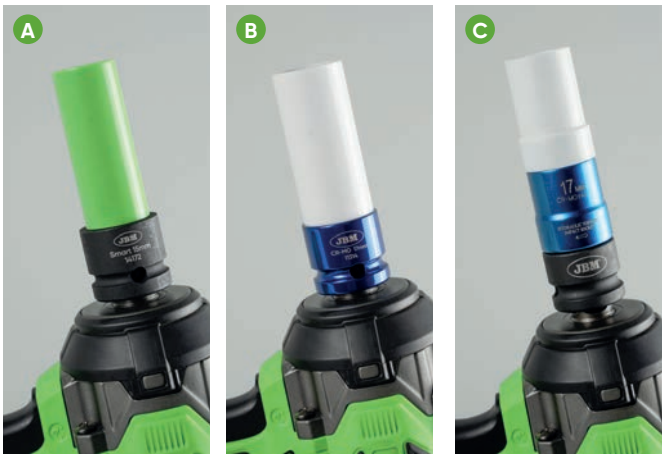
| | |
|---|---|
| 1/2"H - 3/4"M | 3/4"H - 1"M |
| 1/2"H - 1"M | 1"H - 1/2"M |
| 3/4"H - 1/2"M | 1"H - 3/4"M |

## IMPACT SOCKETS - SPECIAL FOR TYRES

| | REF. | " | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| A | 14172 | 1/2" | 15 | 85 | SMART | 0.20 | 10 | 50 | 10,00€ |
| A | 14173 | | 17 | 85 | MERCEDES | 0.20 | 10 | 100 | 10,00€ |
| A | 14178 | | 21 | 85 | KIA/HYUNDAI | 0.25 | 10 | 50 | 10,00€ |
| A | 14177 | | 22 | 85 | OPEL | 0.25 | 10 | 100 | 10,00€ |

| | REF. | " | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| B | 11314 | 1/2" | 17 | 85 | 0.22 | 10 | 100 | 10,00€ |
| B | 11315 | | 19 | 85 | 0.25 | 10 | 100 | 10,00€ |
| B | 11316 | | 21 | 85 | 0.26 | 10 | 100 | 10,00€ |
| B | 11628 | | 22 | 85 | 0.27 | 10 | 100 | 10,00€ |

| | REF. | " | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| C | 16748 | 1/2" | 17 | 100 | 0.36 | 10 | 50 | 76,00€ |
| C | 16749 | | 19 | 100 | 0.36 | 10 | 50 | 76,00€ |
| C | 16750 | | 21 | 100 | 0.36 | 10 | 50 | 76,00€ |




## IMPACT SOCKETS

### 1"

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 11153 | 36 | 65 | 0.70 | 5 | 20 | 23,40€ |
| 11154 | 37 | 65 | 0.73 | 6 | 24 | 24,00€ |
| 11155 | 38 | 65 | 0.90 | 6 | 12 | 24,40€ |
| 11156 | 39 | 65 | 0.74 | 6 | 24 | 26,60€ |
| 11157 | 40 | 70 | 0.78 | 6 | 12 | 27,50€ |
| 11158 | 41 | 70 | 0.95 | 6 | 18 | 28,50€ |
| 11159 | 42 | 70 | 1.00 | 6 | 18 | 30,30€ |
| 11160 | 43 | 70 | 0.95 | 6 | 12 | 31,20€ |
| 11161 | 44 | 70 | 0.90 | 6 | 18 | 32,30€ |
| 11162 | 45 | 70 | 1.10 | 4 | 8 | 33,10€ |
| 11163 | 46 | 70 | 1.00 | 5 | 20 | 34,00€ |
| 11164 | 47 | 70 | 1.05 | 4 | 8 | 34,90€ |
| 11165 | 48 | 70 | 1.00 | 4 | 8 | 35,70€ |
| 11166 | 50 | 75 | 1.21 | 5 | 20 | 36,20€ |
| 11167 | 51 | 75 | 1.18 | 4 | 8 | 38,00€ |
| 11168 | 52 | 85 | 1.18 | - | 10 | 39,20€ |
| 11169 | 53 | 85 | 1.27 | 4 | 12 | 40,00€ |
| 11170 | 54 | 85 | 1.33 | 4 | 12 | 41,00€ |
| 11171 | 55 | 85 | 1.44 | 2 | 8 | 43,00€ |
| 11172 | 56 | 85 | 1.47 | 4 | 8 | 47,00€ |
| 11173 | 57 | 85 | 1.44 | 4 | 8 | 47,50€ |

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 11174 | 58 | 85 | 1.58 | 4 | 8 | 48,00€ |
| 11175 | 59 | 85 | 1.58 | 4 | 120 | 49,00€ |
| 11176 | 60 | 90 | 1.75 | 2 | 4 | 53,00€ |
| 11177 | 62 | 90 | 1.63 | 2 | 4 | 55,00€ |
| 11178 | 63 | 90 | 1.75 | - | 8 | 56,00€ |
| 11179 | 65 | 90 | 1.87 | 2 | 10 | 59,00€ |
| 11180 | 67 | 90 | 1.93 | 2 | 8 | 65,00€ |
| 11181 | 68 | 90 | 1.93 | 2 | 8 | 67,00€ |
| 11182 | 70 | 95 | 2.05 | 2 | 4 | 70,00€ |
| 11183 | 71 | 95 | 3.10 | - | 6 | 73,00€ |
| 11184 | 73 | 95 | 3.27 | - | 4 | 87,00€ |
| 11185 | 75 | 95 | 3.34 | - | 6 | 91,00€ |
| 11186 | 76 | 95 | 3.35 | - | 5 | 97,00€ |
| 11187 | 78 | 95 | 3.47 | - | 5 | 98,00€ |
| 11188 | 80 | 95 | 3.60 | - | 4 | 103,00€ |
| 11189 | 85 | 100 | 3.80 | - | 4 | 121,00€ |
| 11190 | 89 | 100 | 3.80 | 1 | 2 | 138,00€ |
| 11191 | 90 | 100 | 3.90 | - | 4 | 149,00€ |
| 11192 | 92 | 105 | 4.85 | - | 2 | 152,00€ |
| 11193 | 95 | 105 | 4.90 | - | 2 | 183,00€ |
| 11194 | 100 | 105 | 4.43 | - | 4 | 190,00€ |

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 11621 | 105 | 155 | 8.50 | 1 | 2 | 290,00€ |
| 11622 | 110 | 155 | 8.13 | 1 | 2 | 399,00€ |
| 11623 | 115 | 155 | 8.62 | 1 | 2 | 489,00€ |

**EXTRALARGE**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 13745 | 28 | 90 | 0.77 | 6 | 24 | 25,20€ |
| 13746 | 30 | 90 | 0.95 | 6 | 12 | 25,40€ |
| 13747 | 32 | 90 | 0.92 | 6 | 12 | 25,40€ |
| 13748 | 33 | 90 | 0.88 | 2 | 16 | 26,00€ |




### 3/4"

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 11126 | 19 | 51 | 0.25 | - | 10 | 11,20€ |
| 11127 | 21 | 51 | 0.30 | 6 | 24 | 13,80€ |
| 11128 | 22 | 51 | 0.35 | 10 | 50 | 14,10€ |
| 11129 | 24 | 51 | 0.32 | 6 | 54 | 14,50€ |
| 11130 | 25 | 54 | 0.45 | 4 | 48 | 14,90€ |
| 11131 | 26 | 54 | 0.32 | 6 | 36 | 15,10€ |
| 11132 | 27 | 54 | 0.30 | 6 | 54 | 15,40€ |
| 11133 | 28 | 54 | 0.40 | 4 | 48 | 15,80€ |
| 11134 | 30 | 54 | 0.41 | 6 | 24 | 16,20€ |
| 11135 | 32 | 56 | 0.45 | 4 | 48 | 16,80€ |
| 11136 | 33 | 56 | 0.50 | 4 | 48 | 17,50€ |
| 11137 | 34 | 56 | 0.50 | 6 | 24 | 18,20€ |
| 11138 | 35 | 56 | 0.50 | 6 | 12 | 18,50€ |
| 11139 | 36 | 56 | 0.50 | 10 | 30 | 18,80€ |

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 11140 | 38 | 57 | 0.55 | 4 | 48 | 19,50€ |
| 11141 | 40 | 57 | 0.55 | 6 | 12 | 20,70€ |
| 11142 | 41 | 57 | 0.60 | 6 | 12 | 21,30€ |
| 11143 | 46 | 63 | 0.75 | 5 | 20 | 26,40€ |
| 11144 | 50 | 68 | 1.00 | 6 | 24 | 33,30€ |
| 11145 | 51 | 70 | 1.10 | 4 | 12 | 35,30€ |
| 11146 | 55 | 73 | 1.27 | 2 | 16 | 37,30€ |
| 11147 | 57 | 73 | 1.25 | 4 | 12 | 41,00€ |
| 11148 | 60 | 75 | 1.40 | 5 | 20 | 47,00€ |
| 11149 | 63 | 76 | 1.32 | 4 | 12 | 48,00€ |
| 11150 | 65 | 78 | 1.35 | - | 8 | 55,00€ |
| 11151 | 67 | 80 | 1.49 | 4 | 12 | 57,00€ |
| 11152 | 70 | 80 | 1.49 | 1 | 10 | 59,00€ |

**LARGE**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 13723 | 19 | 90 | 0.43 | 2 | 12 | 18,50€ |
| 13724 | 21 | 90 | 0.50 | 5 | 20 | 18,70€ |
| 13725 | 22 | 90 | 0.61 | 6 | 18 | 19,00€ |
| 13726 | 24 | 90 | 0.56 | 10 | 30 | 19,20€ |
| 13727 | 26 | 90 | 0.51 | 6 | 18 | 19,50€ |
| 13728 | 27 | 90 | 0.50 | 5 | 20 | 20,00€ |
| 13729 | 29 | 90 | 0.70 | 6 | 12 | 21,00€ |
| 13730 | 30 | 90 | 0.70 | 2 | 24 | 21,60€ |
| 13731 | 32 | 90 | 0.71 | 2 | 24 | 22,00€ |
| 13732 | 33 | 90 | 0.75 | 6 | 24 | 23,80€ |
| 13733 | 34 | 90 | 0.85 | 6 | 18 | 24,90€ |
| 13734 | 35 | 90 | 0.80 | 6 | 18 | 25,70€ |
| 13735 | 36 | 90 | 0.81 | 5 | 20 | 25,80€ |
| 13736 | 38 | 90 | 0.83 | 6 | 18 | 25,90€ |

## 1/2"

### LARGE

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 12061 | 10 | 78 | 0.14 | 10 | 100 | 8,00€ |
| 14736 | 11 | 78 | 0.15 | 5 | 20 | 8,00€ |
| 12062 | 12 | 78 | 0.15 | 10 | 100 | 8,00€ |
| 12063 | 13 | 78 | 0.15 | 10 | 100 | 9,00€ |
| 14737 | 14 | 78 | 0.15 | 5 | 20 | 9,00€ |
| 12064 | 15 | 78 | 0.17 | 10 | 100 | 9,00€ |
| 12065 | 16 | 78 | 0.16 | 1 | 100 | 9,50€ |
| 12066 | 17 | 78 | 0.23 | 10 | 100 | 9,50€ |
| 12067 | 18 | 78 | 0.22 | 10 | 100 | 9,50€ |
| 12068 | 19 | 78 | 0.21 | 10 | 100 | 10,00€ |
| 12069 | 21 | 78 | 0.25 | 10 | 50 | 10,00€ |
| 12070 | 22 | 78 | 0.26 | 10 | 100 | 10,50€ |
| 12071 | 24 | 78 | 0.30 | 10 | 100 | 11,00€ |
| 12072 | 27 | 78 | 0.36 | 5 | 60 | 12,00€ |

### SHORT

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 14728 | 10 | 38 | 0.10 | 5 | 20 | 3,80€ |
| 14729 | 11 | 38 | 0.05 | 10 | 100 | 3,80€ |
| 14730 | 12 | 38 | 0.05 | 10 | 100 | 3,80€ |
| 14731 | 13 | 38 | 0.10 | 10 | 100 | 4,00€ |
| 14732 | 14 | 38 | 0.10 | 10 | 100 | 4,00€ |
| 11195 | 17 | 38 | 0.10 | 10 | 100 | 4,00€ |
| 11121 | 19 | 38 | 0.10 | 10 | 100 | 4,10€ |
| 14733 | 21 | 38 | 0.10 | 10 | 20 | 4,30€ |
| 14734 | 22 | 38 | 0.15 | 10 | 100 | 5,40€ |
| 11122 | 24 | 38 | 0.14 | 10 | 20 | 5,45€ |
| 11123 | 27 | 38 | 0.20 | 10 | 50 | 6,50€ |
| 11124 | 30 | 38 | 0.20 | 10 | 50 | 7,65€ |
| 11125 | 32 | 38 | 0.23 | 10 | 50 | 8,50€ |

## 1"

### LARGE

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 11624 | 65 | 105 | 2.40 | - | 2 | 189,00€ |
| 11625 | 85 | 105 | 5.35 | - | 2 | 282,00€ |
| 12984 | 105 | 105 | 5.00 | - | 2 | 379,00€ |



## 1/2"

### SHORT

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 16569 | 36 | 42 | 0.47 | 10 | 40 | 21,00€ |
| 16570 | 27 | 42 | 0.35 | 10 | 40 | 21,00€ |

### LARGE

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 14738 | 10 | 78 | 0.15 | 10 | 100 | 5,50€ |
| 14739 | 11 | 78 | 0.15 | 10 | 100 | 5,50€ |
| 14740 | 12 | 78 | 0.16 | 10 | 100 | 5,55€ |
| 14741 | 13 | 78 | 0.15 | 10 | 100 | 5,55€ |
| 14742 | 14 | 78 | 0.15 | 10 | 100 | 5,55€ |
| 14743 | 16 | 78 | 0.14 | 10 | 100 | 5,60€ |

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 14744 | 17 | 78 | 0.18 | 10 | 50 | 5,80€ |
| 14745 | 19 | 78 | 0.22 | 10 | 50 | 6,25€ |
| 14746 | 21 | 78 | 0.24 | 10 | 100 | 6,40€ |
| 14747 | 22 | 78 | 0.27 | 10 | 50 | 7,10€ |
| 14748 | 24 | 78 | 0.30 | 10 | 100 | 8,30€ |
| 11613 | 27 | 78 | 0.35 | 10 | 20 | 11,00€ |
| 11614 | 30 | 78 | 0.40 | 10 | 100 | 13,00€ |
| 11615 | 32 | 78 | 0.45 | 4 | 48 | 14,20€ |
| 11616 | 33 | 78 | 0.44 | 6 | 12 | 18,10€ |
| 11617 | 34 | 78 | 0.42 | 6 | 24 | 18,70€ |
| 11618 | 35 | 78 | 0.48 | 10 | 100 | 18,80€ |
| 11619 | 36 | 78 | 0.47 | 4 | 48 | 19,50€ |

## 1/2"

### LARGE

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 16718 | x1 | M12 | 72 | 0.70 | 12 | 72 | 9,00€ |
| 16719 | x1 | M12 | 115 | 0.70 | 12 | 72 | 9,50€ |
| 16720 | x2 | M12 | 72, 115 | 1.40 | 12 | 72 | 17,20€ |



## 52834 — 195,00€

| 3.65 | - | 2 | 96 |
|---|---|---|---|

### BALL JOINT SOCKET SET (AUTER TYPE)



x11 22x3.3, 26x3.8, 30x4.3, 33x4.0, 37x4.8, 44x5.3, 50x5.8, 56x5.8, 63x6.3, 69x6.8, 75x6.8mm

## 52835 — 272,00€

| 5.20 | - | 3 | 1500 |
|---|---|---|---|

### BALL JOINT SOCKET SET (INNER TYPE)



x10 26.0x22.0x2.8x2.5, 31.0x23.5x2.8x3.0, 34.0x26.5x3.8x2.5, 38.0x29.5x4.8x2.5, 42.0x34.5x3.8x3.5, 50.0x40.5x4.8x3.5, 58.0x46.5x4.8x4.0, 75.0x59.5x5.8x4.5, 82.0x65.8x5.8x5.0, 88.0x71.8x5.6x5.0mm

**52914** 223,00€

2.90 – 6 500

TRUCK HUBCAPS SOCKET BPW 120MM DR.41MM



120mm
8 FACES
HEXAGONAL SQUARE 41mm

**52915** 199,00€

2.90 – 8 1500

TRUCK WHEEL NUT SOCKET BPW 111MM DR.41MM



111mm
OVAL
HEXAGONAL SQUARE 41mm

**52916** 218,00€

2.57 – 8 1000

TRUCK WHEEL NUT SOCKET BPW 109MM DR.41MM



109mm
8 FACES
HEXAGONAL SQUARE 41mm

**52917** 122,00€

1.05 – 20 1000

BPW ROLLER AXLE NUT SOCKET 65MM



65mm
OVAL
DIAGONAL 36mm

**52918** 146,00€

2.05 – 8 1500

REAR SHAFT HUBCAPS SOCKET BPW 95MM



95mm
3/4" SQUARE

**52919** 181,00€

2.65 – 8 288

WHEEL NUT SOCKET BPW 110MM 3/4"



110mm
8 FACES
3/4" SQUARE

**52920** 155,00€

1.35 – 10 1000

BEARING SHAFT EXTRACTION SOCKET BPW 80MM 3/4"



80mm
3/4" SQUARE

**52921** 117,00€

0.73 – 24 500

REAR SHAFT NUT EXTRACTION SOCKET BPW 65MM 3/4"



65mm
3/4" SQUARE

**52922** 180,00€

2.10 – 10 1000

BEARING SHAFT EXTRACTION SOCKET BPW 85MM 3/4"



85mm
6 FACES
3/4" SQUARE

**52923** 59,00€

0.55 – 12 1500

SUSPENSION SCANIA NUT EXTRACTION SOCKET 28X37MM 3/4"



28x37mm
3/4" SQUARE

**52924** 52,00€

0.75 – 24 1500

SUSPENSION SCANIA SHAFT EXTRACTION SOCKET 34X46MM 3/4"



34x46mm
3/4" SQUARE

**52925** 176,00€

1.80 – 10 1500

SCANIA FRONT WHEEL SOCKET 80MM H41



80mm
8 FACES
HEXAGONAL SQUARE 41mm

**52926** 201,00€

2.75 – 8 1500

SCANIA REAR WHEEL SOCKET 100MM 3/4" 8 EDGES



100mm
8 FACES
3/4" SQUARE

**52927** 59,00€

0.78 – 20 1000

REAR SCANIA SHOCK ABSORBER SOCKET 34X56MM 3/4"



34x56mm
3/4" SQUARE

**52928** 172,00€

1.90 – 10 1500

SCANIA FRONT WHEEL SOCKET 80MM 3/4" 8 EDGES



80mm
8 FACES
3/4" SQUARE

**52929** 185,00€

2.68 – 6 1500

SCANIA WHEEL NUT SOCKET 95MM 3/4" 8 EDGES



95mm
8 FACES
3/4" SQUARE

**52930** 117,00€

2.86 - 8 1500

SCANIA TRUCK INSTALLATION REAR CRANKSHAFT OIL SEAL TOOL



SCANIA 310/320

OIL SEAL 0366303-R

**52931** 45,00€

0.23 - 10 500

SCANIA TRUCK CAMSHAFT ROTATION SOCKET 1/2"



1/2" SQUARE

**52932** 45,00€

0.47 - 20 1500

SOCKET FOR ELECTROMAGNETIC INJECTION VALVE SCANIA 38MM 1/2 "



Ø38mm

1/2" SQUARE

**52933** 194,00€

3.15 - 6 504

SCANIA 8 BATTLEMENTS SOCKET 420



Ø116mm - Ø100mm

8 MERLONS

3/4" SQUARE

SCANIA 420

**53430** 286,00€

2.95 - 8 280

IVECO AXLE NUT SOCKET



Ø134mm - Ø110,5mm

118x134mm

IVECO

12 FACES

**52935** 94,00€

0.91 - 10 1000

PRISONER TRUCK NUT SOCKET BENZ/MAN 60MM



60mm

3/4" SQUARE

**52936** 199,00€

1.58 - 10 1500

TRUCK REAR SHAFT SOCKET BENZ/MAN 80-95MM



80-95mm

3/4" SQUARE

6 MERLONS

**52937** 265,00€

3.05 - 6 1500

TRUCK REAR SHAFT NUT EXTRACTION SOCKET BENZ/MAN 95-115MM



95-115mm

3/4" SQUARE

6 MERLONS

**52938** 199,00€

3.22 - 6 1500

TRUCK DIRECTION NUT EXTRACTION SOCKET BENZ/MAN H60 3/4"



100mm

3/4" SQUARE

6 MERLONS

**52939** 28,00€

0.20 - 30 1500

TRUCK SOCKET BENZ/MAN FOR EXTRACTION DIESEL VALVE INJECTION



22-28mm

1/2" SQUARE

4 MERLONS

**52940** 235,00€

4.34 - 4 1500

TRUCK SOCKET BENZ/MAN FOR NUT REAR DIFFERENTIAL



101mm

3/4" SQUARE

6 MERLONS

**52941** 70,00€

0.54 - 20 1500

WHEEL ROTATION MOTOR AND GEARS TOOL BENZ/MAN 2



1/2" SQUARE

**52942** 105,00€

0.87 - 20 960

WHEEL ROTATION MOTOR AND GEARS TOOL BENZ/MAN 3 GEAR



1/2" SQUARE

**52943** 75,00€

0.49 - 30 1500

TRUCK WHEEL ROTATION TOOL FOR MOTOR MAN



1/2" SQUARE

**52934** 102,00€

1.05 - 12 1000

PRISONER TRUCK NUT SOCKET BENZ/MAN 56MM



56mm

3/4" SQUARE

| REF. | mm | | | € |
|---|---|---|---|---|
| 52944 | 30 | 1.00 | 20 | 110,00€ |
| 52945 | 32 | 2.74 | 24 | 281,00€ |

BALL JOINT-PULLER BELL VIBRO-IMPACT



**52944**

HEXAGONAL SQUARE

30mm



**52945**

HEXAGONAL SQUARE

32mm

# CAR BODY WORK


**212** SHEET METAL WORK TOOLS

**217** HEADLIGHT RESTORATION

**218** GLASS REPLACEMENT

**220** CHASSIS REPAIR

**222** AUXILIARY FURNITURE

**226** DETAILING




## 53224 — 142,00€

3.90 | - | 5 | 30

### DENT TOOL KIT

SPARE PARTS AVAILABLE



| | |
|---|---|
| x5 | BAG OF 5 PCS BLUE PAD (REF.53224) |
| x5 | BAG OF 4 PCS YELLOW PAD (REF.53224) |
| x10 | BAG OF 10 PCS RED PAD (REF.53224) |
| x5 | BAG OF 5 GLUE BAR (REF.53224) |

## 52876 — 182,00€

3.13 | - | 5 | 80

### SET OF 7 RUBBERISED DOLLIES

SPARE PARTS AVAILABLE



| | |
|---|---|
| x1 | FLAT FACE & OVAL FACE TAS |
| x1 | RAIL TAS |
| x1 | OVAL FACE TAS |
| x1 | HANDLE WITH WEDGE TAS |
| x1 | TAS IN COMMA |
| x1 | TAS HEELED |
| x1 | TAS IN COMMA WITH WEDGE |

## 51131 — 61,00€

5.00 | - | 5 | 100

### SET OF 7 PANEL BEATING TOOLS

SPARE PARTS AVAILABLE



| | |
|---|---|
| x1 | BUMPING HAMMER |
| x1 | REVERSE CURVE HAMMER |
| x1 | PICK AND FINISH HAMMER |
| x1 | UTILITY DOLLY |
| x1 | SHRINKING DOLLY |
| x1 | DOUBLE END DOLLY |
| x1 | CURVE DOLLY |

## 53545 — 38,50€

0.74 | 5 | 20 | 600

### SET OF 5 3/8" EXTRA LONG HEXAGONAL SOCKETS



| | | | |
|---|---|---|---|
| x1 | | | 8mm |
| x1 | | | 10mm |
| x1 | **3/8"** | 120mmL | 12mm |
| x1 | | | 13mm |
| x1 | | | 14mm |



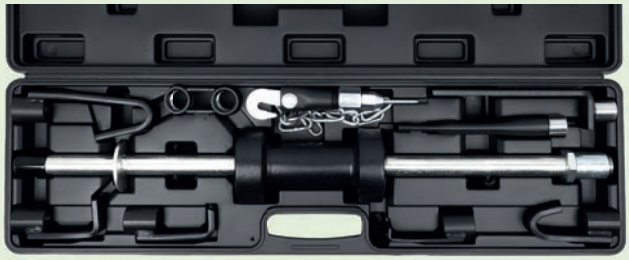
## 55116 — 125,50€

10.70 | - | 1 | 50

NEW

### BODYWORK DENT REPAIR SET 11 PCS

| | |
|---|---|
| **Pieces** | 11 |
| **Weight** | 10,50Kg |
| **Dimensions (LxWxH)** | 770x100x215mm |



## 51832 — 18,00€

0.50 | 6 | 24 | 192

### SET OF 4 NYLON LEVERS



| | | |
|---|---|---|
| x4 | 19x273mm | |
| | 22x273mm | |
| | 26x273mm | |
| | 36x273mm | |

## 50903 — 30,80€

1.90 | 4 | 8 | 200

### SET OF 5 METAL LEVERS WITH HANDLE



| | | |
|---|---|---|
| x5 | 180mm | |
| | 280mm | |
| | 380mm | |
| | 430mm | |
| | 600mm | |

## 52026 — 34,50€

2.04 | 5 | 10 | 240

### SET OF 2 METAL LARGE LEVERS WITH HANDLE



| | | |
|---|---|---|
| x2 | 900mm | |
| | 900mm | |

## 52851 — 9,65€

0.35 | 6 | 60 | 600

### SET OF 2 LEVERS




| | | |
|---|---|---|
| x2 | 7x220mm | |
| | 8.5x245mm | |

## 53110 — 29,50€

1.42 | 6 | 12 | 168

### SET OF 6 LEVERS



| | | | | |
|---|---|---|---|---|
| x1 | 4.5x240mm | x1 | 4.5x490mm | |
| x1 | 8.5x240mm | x1 | 8.5x490mm | |
| x1 | 10.3x24mm | x1 | 10.3x490mm | |

## 51360 — 8,20€

0.80 | 5 | 20 | 1440

## 51361 — 12,00€

1.46 | 5 | 10 | 500

### WRECKING BAR



| | | | |
|---|---|---|---|
| 51360 | x1 | 18" x 5/8 | |
| 51361 | x1 | 24" x 3/4 | |

## 50901 — 16,00€

0.30 | 5 | 20 | 240

### SET OF 5 NYLON LEVERS



| | | |
|---|---|---|
| x5 | 60x160, 63x175, 30x200, 20x180, 20x215mm | |

## 52788 — 39,00€

1.18 | - | 10 | 140

### SET OF 27 NYLON LEVERS



## 52977 — 141,00€

8.50 | - | 1 | 42

### SET OF 4 EXTRA LONG PRY BARS



| | |
|---|---|
| **Pieces** | 4 |
| **Measures** | 0° 900x16mm, 30°900x16mm, 75°600x16mm, 90°600x16mm |
| **Weight** | 8,50Kg |
| **Dimensions (LxWxH)** | 1005x260x80mm |

## 52540 — 221,00€

4.36 | - | 1 | 60

### PNEUMATIC SUCTION CUP DENT PULLER



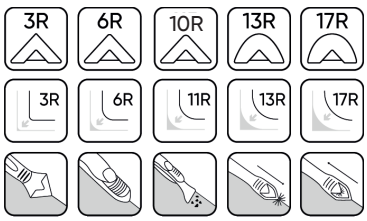
| | |
|---|---|
| **Pieces** | 5 |
| **Resistance** | 7,6BAR |
| **Diameter** | 75, 100, 125mm |
| **Lenght** | 620mm |
| **Weight** | 4,36Kg |
| **Dimensions (LxWxH)** | 620x250x100mm |

## 54017 — 12,00€

0.10 | 5 | 20 | 240

### SILICONE CAULKING TOOL

| | |
|---|---|
| **Contains** | Almohadillas de silicona/Silicone pads |
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 270x44x95mm |










## 52533 — 10,00€

0.74 | 12 | 24 | 144

### SILICONE CAULKING GUN 300ML



| | |
|---|---|
| **Capacity** | 300ml |
| **Weight** | 0,74Kg |
| **Dimensions (LxWxH)** | 360x215x60mm |

## 53567 — 43,00€

1.05 | - | 10 | 180

### AIR CAULKING GUN 310ML



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 2,5-5BAR |
| **Capacity** | 310ml |
| **Weight** | 1,05Kg |
| **Dimensions (LxWxH)** | 305x185x65mm |

## 60032 — 123,00€

1.95 | - | 4 | 80

# BATTERY CAULKING GUN

| | |
|---|---|
| **Voltage** | 20V |
| **Maximum thrust force** | 2500N |
| **Feed rate** | 0,5-8 mm/s (30-480mm/min) |
| **Cartridge capacity** | 300ml |
| **Speed** | Ajustable/Adjustable |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 420x70x270mm |




SPARE PARTS AVAILABLE

## 60032C — 266,00€

5.00 | - | 4 | 16

# BATTERY CAULKING GUN WITH STORAGE CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Maximum thrust force** | 2500N |
| **Feed rate** | 0,5-8mm/s (30-480mm/min) |
| **Cartridge capacity** | 300ml |
| **Speed** | Ajustable/Adjustable |
| **Includes** | 60032, 60013, 60016 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 4,96Kg |
| **Dimensions (LxWxH)** | 500x130x400mm |




SPARE PARTS AVAILABLE

SEE PAGE 153

**BATTERIES AND CHARGERS NOT INCLUDED IN THE INDIVIDUAL TOOLS**

Three types of battery and two types of charger.
Choose the one you prefer!




## 53525 — 12,00€

0.10 | 5 | 30 | 1440

# LOCKING CLAMP FOR HOOD AND TRUNK OPENERS



| | |
|---|---|
| **Diameter** | 10mm |
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 140x90x30mm |

## 53655 — 12,00€

0.09 | 10 | 100 | 1152

# DOOR HANDLE REMOVING TOOL VAG




| | |
|---|---|
| **Brands** | VAG |
| **Weight** | 0,09Kg |
| **Dimensions (LxWxH)** | 340x70x40mm |

## 54246 — 104,00€

2.25 | - | 10 | 60

### 5KG PRECISION SCALE



| | |
|---|---|
| **Capacity** | 5Kg |
| **Precision** | 0,1g |
| **AC voltage measurement** | 220V |
| **DC voltage measurement** | 6V |
| **Operating temperature** | 0-40°C |
| **Relative humidity** | 10%<RH<85% |
| **Weight** | 2,25Kg |
| **Dimensions (LxWxH)** | 280x115x285mm |

## 54247 — 99,00€

2.35 | - | 8 | 96

### 2KG PRECISION SCALE

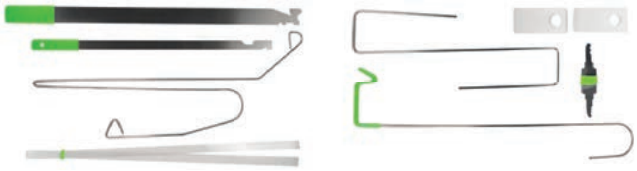


| | |
|---|---|
| **Capacity** | 2Kg |
| **Precision** | 0,1g |
| **AC voltage measurement** | 220V |
| **DC voltage measurement** | 6V |
| **Operating temperature** | 0-40°C |
| **Relative humidity** | 10%<RH<85% |
| **Weight** | 2,25Kg |
| **Dimensions (LxWxH)** | 352x136x240mm |

## 53230 — 20,50€

0.65 | 6 | 24 | 504

### LOCK-OUT TOOL SET



| | |
|---|---|
| x2 | Plastic coat hanger |
| x2 | Nylon wedge with hole |
| x1 | Wire form s-hook |
| x1 | Slide lock tool |
| x1 | Wide lockout bar 610mm |
| x1 | Thin lockout bar 558mm |
| x1 | Gas cap tool |
| x1 | Wonder tool |

## 52077 — 29,50€

0.35 | 5 | 40 | 320

### SET OF 4 INFLATABLE PADS



| | |
|---|---|
| x1 | 16 x 16cm Pad |
| x1 | 32 x 12cm Pad |
| x1 | 19 x 6cm Pad |
| x1 | 18 x 4.5cm Pad |
| x1 | Manual pump |

## 53486 — 30,50€

0.30 | 10 | 40 | 160

### DENT MIRROR



| | |
|---|---|
| **Diameter** | 800mm |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 320x300x40mm |

## 15375 — 28,00€

0.80 | 4 | 24 | 576

### 600ML BOTTLE WITH LIQUID FOR REF.53673



| | |
|---|---|
| **Capacity** | 600ml |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 75x75x190mm |

## 53673

80,00€

2.00 | - | 10 | 80

# HEADLIGHT RESTORATION SET

| | |
|---|---|
| x6 | 6 PCS ABRASIVE PAPER SET FOR 53673 |
| x1 | AC-DC ADAPTER FOR 53673 |
| x1 | 12V ADAPTER FOR 53673 |
| x1 | EVAPORATING CUP FOR 53673 |
| x1 | CURVED CAP WITH RUBBER SEAL RING FOR 53673 |
| x1 | FLAT CAP WITH ONE RUBBER SEAL RING FOR 53673 |
| x1 | FUNNEL FOR 53673 |
| x1 | GRINDING PLATE FOR 53673 |
| x1 | TEXTURED PAPER FOR 53673 |
| x1 | 600ML BOTTLE WITH LIQUID FOR REF.53673 |




## BAG OF 10 ABRASIVE PAPER

VIDEO TUTORIAL

SPARE PARTS AVAILABLE

| REF. | GRAIN | | | | € |
|---|---|---|---|---|---|
| 14710 | 180 | 0.25 | 10 | 100 | 3,90€ |
| 14711 | 280 | 0.20 | 10 | 100 | 4,00€ |
| 14712 | 360 | 0.20 | 10 | 100 | 4,00€ |

| REF. | GRAIN | | | | € |
|---|---|---|---|---|---|
| 14713 | 600 | 0.15 | 10 | 100 | 4,25€ |
| 14714 | 800 | 0.15 | 10 | 100 | 4,50€ |
| 14715 | 1200 | 0.10 | 10 | 100 | 4,75€ |

## 52740

690,00€

24.00 | - | 1 | 11

# HEAD LIGHT BEAM ALIGNER WITH LUXMETER








| | |
|---|---|
| **Minimum lifting height** | 230mm |
| **Maximum lifting height** | 1350mm |
| **Measurement** | LUX Digital |
| **Compatible with** | Hálogeno/Xenón |
| **Weight** | 24,00Kg |
| **Dimensions (LxWxH)** | 520x280x1520mm |

## 52836

1.100,00€

24.85 | - | 1 | 10

# DOUBLE LAMPCHECK HEADLIGHT ALIGNER WITH LASER AND LUXMETER







VIDEO TUTORIAL

| | |
|---|---|
| **Minimum lifting height** | 230mm |
| **Maximum lifting height** | 1350mm |
| **Measurement** | Láser/Laser, LUX Digital |
| **Compatible with** | Cualquier tipo de faro/Any type of car lighthouse |
| **Weight** | 24,85Kg |
| **Dimensions (LxWxH)** | 520x270x1560mm |

**53626** 18,00€

0.30 | - | 12 | 576

## HEADLIGHT RESTORATION SET

| | |
|---|---|
| x2 | P800 Sanding Discs |
| x2 | P1200 Sanding Discs |
| x2 | P2000 Sanding Discs |
| x2 | 3.0ml UV Protect Liquid |
| x2 | Adapter (3/8" & 1/4") |
| x1 | 85gm Polish Paste |
| x1 | Masking tape |
| x1 | Wool Polish Disc |
| x1 | White Sponge Disc |






IN 12 UNITS DISPLAY CASE

**53729** 20,50€

0.40 | 10 | 40 | 480

## HEADLIGHT ADJUSTMENT TOOL SET

| | | |
|---|---|---|
| x1 | 300mm | H6 |
| x1 | | H7 |
| x1 | | T25 |



## SUCTION PADS

**52262** 7,50€

0.31 | 12 | 48 | 384



| | |
|---|---|
| **Pieces** | 1 |
| **Diameter** | 115m |
| **Capacity** | 40,00Kg |

**52263** 13,50€

0.59 | 6 | 24 | 192



| | |
|---|---|
| **Pieces** | 1 |
| **Diameter** | 115mm |
| **Capacity** | 70,00Kg |

**52264** 21,50€

0.92 | 6 | 10 | 100



| | |
|---|---|
| **Pieces** | 1 |
| **Diameter** | 115mm |
| **Capacity** | 100,00Kg |

**52265** 30,50€

1.24 | - | 10 | 100



| | |
|---|---|
| **Pieces** | 1 |
| **Diameter** | 115mm |
| **Capacity** | 120,00Kg |

**52295** 7,00€

0.15 | 10 | 100 | 1200



| | |
|---|---|
| **Pieces** | 2 |
| **Diameter** | 60mm |
| **Capacity** | 5,00Kg |

**52589** 13,00€

0.28 | 5 | 20 | 500



| | |
|---|---|
| **Pieces** | 1 |
| **Diameter** | 70mm |
| **Capacity** | 8,00Kg |

**52765** 21,70€

0.72 | 5 | 20 | 80



| | |
|---|---|
| **Pieces** | 1 |
| **Diameter** | 120mm |
| **Capacity** | 80,00Kg |

**52998** 48,00€

2.03 | - | 8 | 112



| | |
|---|---|
| **Pieces** | 3 |
| **Diameter** | 120mm |
| **Capacity** | 80,00Kg |

## 53232 — 39,50€

| 1.15 | - | 10 | 180 |
|---|---|---|---|

# WINDSHIELD REMOVAL TOOL SET

| | |
|---|---|
| x1 | WINDSHIELD REMOVAL TOOL |
| x1 | WINDSHIELD MOLDING RELEASE TOOL |
| x1 | TRIM PAD REMOVER |
| x1 | 1.8M WIRE |
| x2 | WIRE GRIPPING HANDLE |
| x1 | WIRE FEEDER TOOL |



**YOU MIGHT ALSO BE INTERESTED IN...**

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 13813 | WIRE FOR WINDSHIELD REMOVAL | 0.10 | 10 | 60 | 1200 | 7,00€ |
| 13814 | WINDSHIELD REMOVAL HANDLES | 0.20 | 10 | 60 | 1080 | 11,00€ |


13813


13814

## 55012 — 680,00€

| 5.00 | - | 2 | 24 |
|---|---|---|---|

NEW

# WINDSHIELD REPLACEMENT TOOL SET WITH CARRY CASE

| | |
|---|---|
| x1 | CUTTING LINE ANCHOR |
| x1 | CUTTING LINE PULLEY |
| x1 | CUTTINF LINE WINDER |
| x1 | SYNTHETIC FIBER WIRE L:100M |
| x1 | PIERCING TOOL |
| x1 | CHISEL INSTALLATOION STICK |
| x1 | HOOK TOOL 90° PICK |
| x1 | RATCHET WRENCH 1/4" SOCKET |
| x1 | PROTECTION TABLE BOARD |

SPARE PARTS AVAILABLE



## 52321 — 8,80€

| 0.35 | 5 | 20 | 1200 |
|---|---|---|---|

# SUBJECTION TAPE WITH TENSIONER 5M X 25MM



| | |
|---|---|
| **Pieces** | 2 |
| **Lenght** | 5m |
| **Capacity** | 800Kg |
| **Weight** | 0,35Kg |
| **Dimensions (LxWxH)** | 125x115x30mm |

## 52327 — 12,00€

| 0.46 | 5 | 20 | 1000 |
|---|---|---|---|

# SUBJECTION TAPE WITH TENSIONER 8M X 25MM



| | |
|---|---|
| **Pieces** | 2 |
| **Lenght** | 8m |
| **Capacity** | 800Kg |
| **Weight** | 0,46Kg |
| **Dimensions (LxWxH)** | 150x140x40mm |

## 50577 — 12,60€

| 0.53 | 5 | 40 | - |
|---|---|---|---|

# CURVED JAW LOCKING PLIER



| | |
|---|---|
| **Lenght** | 280mm |
| **Weight** | 0,53Kg |

## 52385

268,00€

| 3.72 | - | 6 | 120 |
|---|---|---|---|

### SET OF 6 SELF LOCKING MULTI GRIP PLIERS


**W** (195mm)


**JJ** (195mm)


**LL** (195mm)


**J** (210mm)


**T** (215mm)


**L** (225mm)



## 52982

55,00€

| 1.60 | 4 | 8 | 384 |
|---|---|---|---|

### SET OF 3 EXTRA-LONG LOCKING PLIERS





| | |
|---|---|
| **Angle** | 90° |
| **Length** | 340mm |



| | |
|---|---|
| **Angle** | 45° |
| **Length** | 360mm |



| | |
|---|---|
| **Angle** | 0° |
| **Length** | 370mm |

## 53675

53,00€

| 0.75 | 10 | 20 | 300 |
|---|---|---|---|

### STRAIGHT JAW LOCKING PLIERS


IN 10 UNITS DISPLAY CASE



| | |
|---|---|
| **Material** | Acero/Steel |
| **Opening** | Ajustable/Adjustable |
| **Lenght** | 10"-254mm |
| **Weight** | 0,75Kg |

## 53676

47,00€

| 0.85 | 10 | 20 | 300 |
|---|---|---|---|

### CURVE JAW LOCKING PLIERS


IN 10 UNITS DISPLAY CASE



| | |
|---|---|
| **Material** | Acero/Steel |
| **Opening** | Ajustable/Adjustable |
| **Lenght** | 10"-254mm |
| **Weight** | 0,85Kg |

## 53677

59,00€

| 0.90 | 10 | 20 | 300 |
|---|---|---|---|

### CURVE JAW LOCKING PLIER WITH SWIVEL PAD


IN 10 UNITS DISPLAY CASE



| | |
|---|---|
| **Material** | Acero/Steel |
| **Opening** | Ajustable/Adjustable |
| **Lenght** | 10"-254mm |
| **Weight** | 0,90Kg |

## 53678

55,00€

| 0.90 | 10 | 20 | 300 |
|---|---|---|---|

### LONG-CURVE JAW LOCKING PLIER


IN 10 UNITS DISPLAY CASE



| | |
|---|---|
| **Material** | Acero/Steel |
| **Opening** | Ajustable / Adjustable |
| **Lenght** | 10½"-270mm |
| **Weight** | 0,90Kg |

# EXTRA-WIDE OPENING LOCKING PLIERS

| REF. | DESCRIPTION | mm | MATERIAL | | T | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 52390 | PLUGWELD PLIER | 250mm | CrMo | - | - | 0.50 | 5 | 40 | 640 | 37,50€ |
| 52474 | RING CLAMP 5T | 190mm | Steel | 0-20mm | 5T | 3.49 | - | 5 | 1500 | 69,00€ |
| 52475 | LONG NOSE CLAMP 3T | 170mm | Steel | 0-25mm | 3T | 3.60 | - | 10 | 1500 | 62,00€ |
| 52476 | HEAVY DUTY CLAMP 5T | 220mm | Steel | 0-25mm | 5T | 3.10 | - | 10 | 1500 | 50,00€ |
| 52477 | GAP HOOKS CLAMP 2T | 200mm | Steel | 0-60mm | 2T | 2.65 | - | 10 | 1500 | 76,50€ |
| 52478 | ANGLE PULL CLAMP 5T 90° | 170mm | Steel | 0-20mm | 5T | 2.90 | - | 10 | 1500 | 49,00€ |
| 52479 | C CLAMP 3T 90° | 155mm | Steel | 0-20mm | 3T | 1.18 | - | 30 | 1500 | 24,70€ |
| 52480 | BOX CLAMP WITH PULL BRACKET 3T 90° | 210mm | Steel | 0-25mm | 3T | 2.00 | - | 10 | 1500 | 44,00€ |
| 52481 | BOX CLAMP 3T | 220mm | Steel | 0-20mm | 3T | 2.05 | - | 10 | 1500 | 52,00€ |
| 52482 | SMALL MOUTH PULL CLAMP TWO-WAY 5T | 210mm | Steel | 0-10mm | 5T | 2.13 | - | 12 | 1500 | 44,00€ |
| 52483 | SMALL MOUTH PULL CLAMP SINGLE WAY 5T | 210mm | Steel | 0-10mm | 5T | 2.02 | - | 12 | 1500 | 41,00€ |
| 52484 | DOUBLE CLAW HOOK 3T | 280mm | Steel | 0-110mm | 3T | 1.19 | - | 11 | 1500 | 70,00€ |
| 52485 | CHAIN JOINT 4T (DOUBLE GRAB HOOK ASSEMBLY) | 270mm | Steel | 0-90mm | 4T | 1.17 | - | 30 | 1000 | 54,00€ |
| 52486 | CHAIN JOINT 3T (CLAW HOOK & GRAB HOOK ASSEMBLY) | 280mm | Steel | 0-110mm | 3T | 1.21 | - | 11 | 1500 | 66,00€ |
| 52487 | PULL CLAMP 5T | 220mm | Steel | 0-20mm | 5T | 2.27 | - | 7 | 1000 | 63,00€ |
| 52502 | 11" LOCKING C-CLAMP | 280mm | CrMo | 0-110mm | - | 0.84 | 10 | 30 | 540 | 33,50€ |
| 52503 | LOCKING C-CLAMP W/PAD 11" | 280mm | CrMo | 0-105mm | - | 0.85 | - | 30 | 540 | 35,00€ |
| 52504 | DOUBLE CLAW CLAMP | 225mm | CrMo | 0-50mm | - | 1.14 | - | 30 | 480 | 27,60€ |
| 52505 | 6" LOCKING C-CLAMP | 170mm | CrMo | 0-40mm | - | 0.27 | 36 | 72 | 2160 | 22,50€ |
| 52506 | 6" LOCKING C-CLAMP W/PAD | 170mm | CrMo | 0-50mm | - | 0.28 | 36 | 72 | 2160 | 16,00€ |
| 52507 | SHEET METAL TOOL 9.5" | 250mm | CrMo | 0-80mm | - | 0.77 | 5 | 30 | 420 | 32,50€ |
| 52511 | 18" LOCKING C-CLAMP | 440mm | CrMo | 0-225mm | - | 1.31 | - | 20 | 280 | 44,50€ |
| 52512 | 18" LOCKING C-CLAMP W/PAD | 450mm | CrMo | 0-155mm | - | 1.31 | - | 20 | 280 | 53,00€ |


52390


52474


52475


52476


52477


52478


52479


52480


52481


52482


52483


52484


52485


52486


52487


52502


52503


52504


52505


52506


52507


52511


52512

## 53983 — 215,00€

20.00 | - | 1 | 33

### PARTS CARRIER - WINDSHIELD AND HOOD



| | |
|---|---|
| **Capacity** | 150Kg |
| **Folded dimensions** | 1200x120x210mm |
| **Weight** | 19,40Kg |
| **Dimensions (LxWxH)** | 1200x700x635mm |

## 53124 — 287,00€

22.50 | - | 1 | 11

### TELESCOPIC UNIVERSAL STAND



| | |
|---|---|
| **Capacity** | 100Kg |
| **Folded dimensions** | 25x860x840mm |
| **Weight** | 21,10Kg |
| **Dimensions (LxWxH)** | 1380x860x1300mm |

## 53125 — 477,00€

51.00 | - | 1 | 12

### AUTOMOTIVE PARTS CART

| | |
|---|---|
| **Capacity** | 150Kg |
| **Weight** | 51,00Kg |
| **Dimensions (LxWxH)** | 900x610x1980mm |









## 50923 — 454,00€

41.20 | - | 1 | 20

### SPECIAL PLATE TRANSPORT CART 340KG

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 340Kg |
| **Opening** | 0-1100mm |
| **Weight** | 41,20Kg |
| **Dimensions (LxWxH)** | 1340x250x240mm |

## 50839 — 198,00€

19.20 | - | 1 | 10

### HYDRAULIC CAR WHEEL DOLLY 680KG

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 680Kg |
| **Opening** | 345-660mm |
| **Weight** | 19,20Kg |
| **Dimensions (LxWxH)** | 680x625x230mm |

## 53079 — 89,00€

| 7.00 | - | 1 | 45 |
|---|---|---|---|

### X-TRESTLE



| | |
|---|---|
| **Capacity** | 100Kg |
| **Folded dimensions** | 660x1140x300mm |
| **Weight** | 6,77Kg |
| **Dimensions (LxWxH)** | 600x680x870mm |

## 53080 — 99,00€

| 8.00 | - | 1 | 22 |
|---|---|---|---|

### PORTABLE WINDSHELD STAND



| | |
|---|---|
| **Capacity** | 70Kg |
| **Folded dimensions** | 1130x285x990mm |
| **Weight** | 7,87Kg |
| **Dimensions (LxWxH)** | 1130x610x990mm |

## 52749 — 79,00€

| 6.30 | - | 1 | 32 |
|---|---|---|---|

### PORTABLE WORKING FOLDING STAND



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 220Kg |
| **Folded dimensions** | 1030x905x500mm |
| **Weight** | 6,25Kg |
| **Dimensions (LxWxH)** | 1030x390x1000mm |

## 53736 — 99,00€

| 8.50 | - | 1 | 47 |
|---|---|---|---|

### FOLDING BUMPER STAND



| | |
|---|---|
| **Capacity** | 25Kg |
| **Folded dimensions** | 600x310x1230mm |
| **Weight** | 8,10Kg |
| **Dimensions (LxWxH)** | 600x750x1060mm |

**53685** 310,00€

15.00 | - | 1 | 15

## ADJUSTABLE BUMPER STAND



| | |
|---|---|
| **Capacity** | 25Kg |
| **Folded dimensions** | 960x865x95mm |
| **Weight** | 14,50Kg |
| **Dimensions (LxWxH)** | 762x1118x1346mm |

**54579** 229,00€

21.00 | - | 1 | 21

## MOBILE BUMPER STORAGE RACK

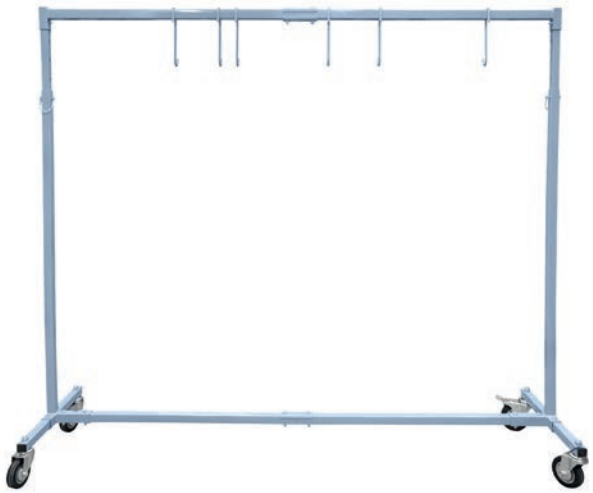


| | |
|---|---|
| **Capacity** | 60Kg |
| **Bar Capacity** | 15Kg |
| **Weight** | 21,00Kg |
| **Dimensions (LxWxH)** | 1200x1200x2150mm |

**53134** 145,00€

15.00 | - | 1 | 36

## ADJUSTABLE PAINT HANGER



| | |
|---|---|
| **Capacity** | 150Kg |
| **Minimum lifting height** | 1270mm |
| **Maximum height** | 2030mm |
| **Contains** | 6 Ganchos/Hooks |
| **Weight** | 14,70Kg |
| **Dimensions (LxWxH)** | 1770x500x2030mm |

**53126** 243,00€

19.70 | - | 1 | 21

## ROTATING PAINT PANEL STAND



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 50Kg |
| **Contains** | 6 Brazos de sujeción/Support arms |
| **Weight** | 19,70Kg |
| **Dimensions (LxWxH)** | 1220x250x165mm |

## 54959 — 268,00€

20.20 | - | 1 | 16

NEW

### MOBILE WHEEL RIM PAINTING STAND



| | |
|---|---|
| **Material** | GS |
| **Height** | 1100 - 1420mm |
| **Rotating** | 360° |
| **Trays** | 2 |
| **Wheel diameter** | 15" - 22" |
| **Dimensions (LxWxH)** | 900x670x1100mm |

## 54960 — 159,50€

11.10 | - | 1 | 33

NEW

### UNIVERSAL PANEL AND BUMPER STAND



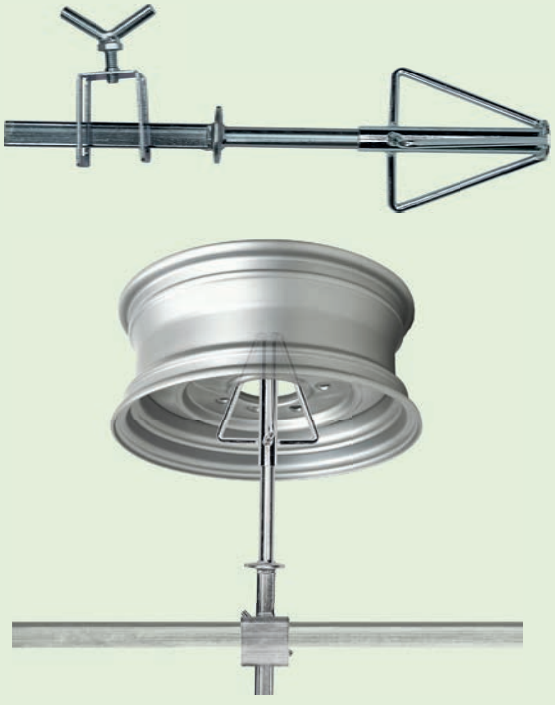
| | |
|---|---|
| **Material** | GS |
| **Rotating** | 90° |
| **Maximum load** | 100Kg |
| **Dimensions (LxWxH)** | 1220x1330x1870mm |
| **Weight** | 10,50Kg |

## 54961 — 20,00€

1.10 | 1 | 20 | 240

NEW

### WHEEL RIM HOLDER



| | |
|---|---|
| **Weight** | 1,15Kg |
| **Dimensions (LxWxH)** | 130x100x380mm |

## 54962 — 430,50€

40.25 | - | 1 | 14

NEW

### PARTS CART WITH PANEL SUPPORT

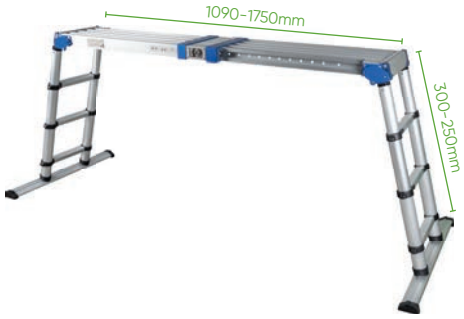


| | |
|---|---|
| **Maximum load** | 120Kg |
| **Bar Capacity** | 40Kg |
| **Weight** | 40,00Kg |
| **Dimensions (LxWxH)** | 1220x1330x1900mm |

## 52230 — 398,00€

16.65 | - | 1 | 13

### STEP ALUMINIUM WORKING PLATFORM




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 150Kg |
| **Folded dimensions** | 300x1090x900mm |
| **Minimum length** | 1090mm |
| **Maximum length** | 1750mm |
| **Minimum height** | 550mm |
| **Maximum height** | 930mm |
| **Material** | Al |
| **Compliance with the European directive** | EN131 |
| **Weight** | 16,65Kg |
| **Dimensions (LxWxH)** | 300x1750x900mm |

## 50656 — 290,00€

10.45 | - | 1 | 9

### SET OF 2 STEP ALUMINIUM WORKING PLATFORM




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 100Kg |
| **Large platform dimensions (LxWxH)** | 1300x300x550mm |
| **Folded large platform dimensions (LxWxH)** | 1300x300x140mm |
| **Small platform dimensions (LxWxH)** | 1000x300x300mm |
| **Folded small platform dimensions (LxWxH)** | 1000x300x140mm |
| **Material** | Al |
| **Contains** | 11897, 15552 |
| **Compliance with the European directive** | EN131 |
| **Weight** | 10,45Kg |

## 50913 — 229,00€

6.50 | - | 2 | 12

### LARGE STEP ALUMINIUM WORKING PLATFORM




| | |
|---|---|
| **Capacity** | 100Kg |
| **Material** | Al |
| **Compliance with the European directive** | EN131 |
| **Dimensions (LxWxH)** | 1400x300x800mm |
| **Weight** | 6,50Kg |
| **Folded dimensions** | 1400x300x14mm |

## 54789 — 34,00€

0.95 | 5 | 20 | 180

NEW

### FRONT CAR PROTECTOR




| | |
|---|---|
| **Material** | Poliéster/Polyester |
| **Weight** | 0,95Kg |
| **Folded dimensions** | 330x50x210mm |
| **Dimensions assembled** | 4050x725mm |

## 51622 — 27,00€

0.45 | - | 30 | 840

### MAGNETIC PROTECTOR FOR FINS AND FRONT PANELS




| | |
|---|---|
| **Type** | Imantado/Magnetized |
| **Material** | PVC |
| **Weight** | 0,45Kg |
| **Dimensions (LxH)** | 1300x640mm |

## 53922 — 35,00€

1.55 | - | 6 | 60

### WALL PAPER ROLL DISPENSER



| | |
|---|---|
| **Material** | Acero inoxidable/Stainless steel |
| **Minimum height** | 480mm |
| **Maximum height** | 690mm |
| **Paper roll** | 380mm |
| **Folded dimensions** | 450x270x480mm |
| **Weight** | 1,55Kg |
| **Dimensions (LxWxH)** | 4550x210x690mm |

**PAPER NOT INCLUDED**

## 53921 — 39,00€

1.85 | - | 6 | 66

### FLOOR STAND ROLL DISPENSER



| | |
|---|---|
| **Material** | Acero inoxidable/Stainless steel |
| **Height** | 975mm |
| **Paper roll** | 380mm |
| **Weight** | 1,85Kg |
| **Dimensions (LxWxH)** | 450x345x975mm |

**PAPER NOT INCLUDED**

## TELESCOPIC EXTENSION POLES

| REF. | MIN. | MAX. | | | | | € |
|---|---|---|---|---|---|---|---|
| 52497 | 1200mm | 530mm | 0.29 | 6 | 48 | 480 | 27,00€ |
| 53196 | 1600mm | 710mm | 0.37 | 6 | 48 | 384 | 33,00€ |



## 53221 — 5,00€

0.03 | 10 | 60 | 720

### SET OF 3 MICROFIBER CLOTHS



| | |
|---|---|
| **Pieces** | 3 |
| **Color** | Verde/Green |
| **Material** | PL |
| **Mesure** | 360x360mm |

## 55066 — 319,50€

2.50 | - | 4 | 48

NEW

### ELECTRIC SANDER 150 MM 400W



| | |
|---|---|
| **Voltage** | 220V |
| **Power** | 400W |
| **Frequency** | 50Hz |
| **Nominal speed** | 4000-10000RPM |
| **Disc diameter** | 150mm |
| **Sanding orbit** | 5mm |
| **Cable lenght** | 3m |
| **Weight** | 1,10Kg |
| **Dimensions (LxWxH)** | 310x150x110mm |

## 54556 — 74,00€

0.80 | 5 | 10 | 550

### BELT SANDER 3/8"

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Air intake** | 1/4" |
| **Nominal speed** | 18000RPM |
| **Real air consumption** | 113L/min |
| **Operating pressure** | 6,2BAR |
| **Sound intensity** | 89dB |
| **Sanding orbit** | 10x330mm |
| **Sanding orbit** | 60x80x120mm |
| **Angle** | 90° |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 290x100x50mm |

## 55025

120,00€

1.80 | 1 | 4 | 36

NEW

### ELECTRIC DRYING GUN



| | |
|---|---|
| **Voltage** | 220V ~ 50Hz |
| **Power** | 1350W |
| **Cable lenght** | 5M |
| **Air flow rate** | 93 CFM |
| **Maximum air acceleration** | 22000ft/min |
| **Weight** | 1,80Kg |
| **Dimensions (LxWxH)** | 270x140x280mm |

## 60071

140,00€

0.80 | - | 10 | 120

NEW

### CORDLESS AIR BLOWER FOR VEHICLE DRYING



| | |
|---|---|
| **Voltage** | 20V |
| **Air flow** | 55m/s |
| **RPM (Revolutions per minute)** | 22500-35000 |
| **Air flow rate** | 10,4CFM (294L/min) |
| **Diameter** | 2,5" |
| **Compatible with** | 60013, 60015 |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 168x116x255mm |

## 54771

279,00€

7.60 | - | 1 | 16

### 20L UPHOLSTERY VACUUM CLEANER (DRY+WET)



SPARE PARTS AVAILABLE





| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1200W |
| **Frequency** | 50Hz |
| **Capacity** | 20L |
| **Liters of suction per second** | 26L/s |
| **Sound intensity** | 82dB |
| **Suction power** | 17-18KPa |
| **IP protection** | 4 |
| **Dimensions (LxWxH)** | 390x340x460mm |
| **Weight** | 7,60Kg |

## 53947 — 149,00€

5.80 | - | 1 | 24

# HIGH PRESSURE WASHER 1400W

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1400W |
| **Frequency** | 50Hz |
| **Operating pressure** | 70-105BAR |
| **Maximum flow rate / Maximum operating flow** | 5,5-6,8L/min |
| **Operating temperature** | 50°C |
| **IP protection** | IPX5 |
| **Weight** | 5,80Kg |
| **Dimensions (LxWxH)** | 280x255x440mm |

## 53948 — 324,00€

12.10 | - | 1 | 11

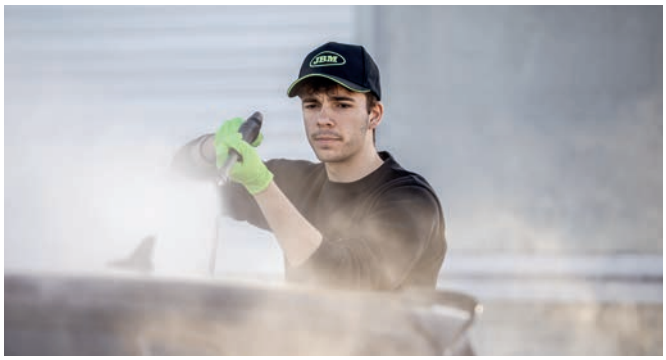
# HIGH PRESSURE WASHER 2400W

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 2400W |
| **Frequency** | 50Hz |
| **Operating pressure** | 120-180BAR |
| **Maximum flow rate / Maximum operating flow** | 5,5-8L/min |
| **Operating temperature** | 50°C |
| **IP protection** | IPX5 |
| **Weight** | 12,10Kg |
| **Dimensions (LxWxH)** | 440x345x505mm |





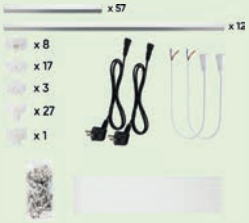
## 54805 — 478,00€

8.00 | - | 1 | 18

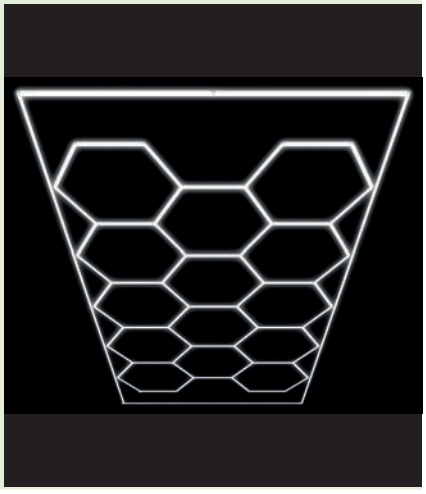
NEW

# SET OF HEXAGONAL LED CEILING LIGHTS

| | |
|---|---|
| **Brightness** | 83640Lm |
| **Power** | 615W |
| **Efficiency** | 110-120Lm/W |
| **Voltage** | 185-240V |
| **LED type** | 2835 |
| **Number of LED's** | 12 |
| **LED color temperature** | 6500k |
| **Material** | Al + PC |
| **Cable lenght** | 1,5m Enchufe europeo/ EU Plug |
| **IP protection** | IP45 |
| **Weight** | 8,00Kg |
| **Dimensions (LxWxH)** | 2435x42x4845mm |




SPARE PARTS AVAILABLE





## 54346 — 12,80€

0.30 | 6 | 36 | 144

### SET OF 3 CLEANING BRUSHES FOR DRILL



| | |
|---|---|
| **Pieces** | 3 |
| **Axle size** | 1/4" |
| **Diameter** | 50, 88, 100mm |

## 54912 — 7,90€

0.21 | 10 | 80 | 640

NEW

### PROFESSIONAL 4-IN-1 CAR WASHING KIT FOR INTERIOR AND EXTERIOR



| | |
|---|---|
| **Pieces** | 4 |
| **Material** | PP |
| **Brush length** | 220, 225, 230, 240mm |
| **Weight** | 0,21Kg |

## 54895 — 16,80€

0.35 | 10 | 40 | 160

NEW

### CAR DETAILING SET WITH 7 DETAILING ESSENTIALS



| | |
|---|---|
| **Pieces** | 7 |
| **Material** | PP |
| **Brush length** | 220, 225, 230, 240mm |
| **Head diameter** | 50, 88, 100mm |
| **Axle size** | 1/4" |
| **Weight** | 0,35Kg |

## 50844 — 65,00€

3.50 | - | 1 | 60

### WORK STOOL



| | |
|---|---|
| **Material** | Acero/Steel, PVC |
| **Capacity** | 115Kg |
| **Height** | 380mm |
| **Weight** | 3,50Kg |
| **Dimensions (LxWxH)** | 360x375x380mm |

## 54682 — 54,00€

1.70 | - | 10 | 40

### ROLLING KNEE CREEPER



| | |
|---|---|
| **Material** | Polipropileno/Polypropylene |
| **Maximum load** | 100Kg |
| **Weight** | 1,7Kg |
| **Dimensions (LxWxH)** | 500x255x85mm |

## 53191 — 14,80€

0.15 | - | 5 | 160

### INDIVIDUAL FOAM MAT



| | |
|---|---|
| **Material** | Espuma EVA/EVA foam |
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 480x180x320mm |

# BRAKES


**232** RETRACTOR TOOLS

**235** BRAKE BLEEDER

**237** MAINTENANCE




## 54584

134,00€

| 3.65 | - | 5 | 75 |
|---|---|---|---|

# SET OF 7 BRAKE PISTON WIND-BACK TOOLS

- Brake caliper repositioning tool
- 2-in-1 right and left spindle with handle
- Counterplate (Ø90mm)
- Pneumatic spindle for brake piston adaptors for tight spaces (260mm)
- 3/8" adaptor for brake piston tool with magnet
- Adjustable universal adaptor with 2 pins
- Adjustable universal adaptor with 3 pins

SPARE PARTS AVAILABLE



## 52636

119,00€

| 3.16 | - | 5 | 90 |
|---|---|---|---|

# SET OF 18 BRAKE PISTON REWINDING TOOLS WITH PNEUMATIC TOOL

| | |
|---|---|
| **0** | General Motors (Ø pistons 2-1/2") |
| **2** | Citroën XM/Xantia (F/R), HONDA |
| **3** | Audi (F), Fiat, Alfa romeo (F), Ford Fiesta (F), Isuzu (F), Honda Concesto (F), Jaguar XJ6/ XJ40 (F/R), BMW 318is / 320i / 325T / 518i / 525i-1x / 740i / 850ci / M5 (F), Mercedes BENZ 190/200/300/420/560 serie (F), Mitsubishi Colt (F), Nissan Miera/Stanza/Sunny (F), Rover Austin/Metro200-400 series/Maestra/Montego (F), Toyota Camry (F), Volvo (F), VW Passat/ Golf GTI (F) |
| **4** | Ford Australia/NZ Telstar, Mazda (R), Saab 9000 (R)/Lumina, Toyota, Fiat 164 2.0 (R), Alfa Romeo Prelude/CRS 16i, Honda Saturn (R)/Grand Prix, GM |
| **5** | 3/8" Antriebs-Adapter |
| **6** | Nissan Primera, VW Golf IV |
| **7** | Audl 80/90/V8+100/Coupe E (R), Rover 800 ABS, Subaru L+Z (R), Ford Sierra ABS/Granada/ Scorpio ABS (R), Nissan Bluebird 1.8 Turbo/Silvia Turbo/Primera2.0i LS-GS-GSX (R), Peugeot 405 1.9Gi/Gri/Sri/Gtxi/MI 16/605 2.0 Sri (R), Toyota Cecilia/Corolla GT/MR2 (R), VW Golf Gti/ Jeta Synchro/ Jetta Gti 16v, Passat CL, GL, GT, GT 16v, Corrado 16V scirroca GTX 16V(R), Citroën, Alfa romeo, Fiat, Honda, Jaguar, Renault, Saab, Seat, Lancia |
| **8** | General Motors (Ø pistons 1-7/8") |
| **9** | General Motors (Ø pistons 2-1/8") |
| **A(Z)** | Renault (R21-Laguna (R)) |
| **E** | Nissan Maximas/Cefiro |
| **F(G)** | Opel (Rear disk)/ Fiat Stilo |
| **K** | Citroën C5 |
| **K1** | Renault, Citroën C5 |
| **K2** | Renault, Citroën, Audi A8, S8 |
| **M** | Ford, Mini Cooper, Nissan Primera 03 |
| **N** | Saab, Honda, Alfa Romeo 164 2.0 Twin Spark/2.0 Turbo (88-)/3.0 V6, Audi 200 (80-)/ Coupe GT SE (82-)/80/90/1QO/200/Quattro (87-)/90/20V (88-), Ford Mondeo 2.0/Ghia, Lancia Themaalte (85-), Volkswagen Golf II GTI (83-87)/Sirocco 16V (84) |





## 53978

38,90€

2.80 - 5 200

# SET OF 23 BRAKE PISTON REWINDING TOOLS

| | | | |
|---|---|---|---|
| **0** | General Motors (Ø pistons 2-1/2") | | |
| **1** | Disc | | |
| **2** | Citroën XM, Xantia | | |
| **3** | Alfa Romeo, Audi, Austin, BMW, Ford, Honda, Jaguar, Mercedes-Benz, Mitsubishi, Nissan, Rover, Toyota, VW | | |
| **4** | Alfa Romeo 164 2.0, Ford, Mazda, Saab 9000, Subaru | | |
| **5** | 3/8" Antriebs-Adapter | | |
| **6** | Nissan Primera, VW, Golf IV | | |
| **7** | Audi 80;90;V8+100, Ford SIerra ABS+Scorpio de 1985, Honda Prelude, Nissan Silvia 1.8 turbo, Rover 8000, Saab 9000, Subaru L+Z, VW Golf + Passat | | |
| **8** | General Motors (Ø pistons 1-7/8") | | |
| **9** | General Motors (Ø pistons 2-1/8") | | |
| **10** | VW | **K1** | Citroën |
| **A** | Renault R21, Laguna | **K2** | Citroën |
| **E** | Nissan Maxima, Cefiro | **M** | Ford |
| **F** | Opel | **N** | Saab, Honda |
| **K** | Citroën C5 | **O** | Plate |
| **J** | Fiat Tipo TD 16V, Uno Turbo(85) Crama TD, Honda CRX, Alfa Romeo 155 1.8-2.01, 164 TD (93), 164 3.0 V6 (91); Audi 80, 90, & V8's, A3, A4, A6, A8 (pinza trasera); Citroen ZX 2. QI 16v; Fiat Tipo TD 16V, Uno Turbo (85-), Crama TD; Ford Sierra (ABS bak), Granada (85-); Ford (Australia & NZ) Thunderbird Turbo; Honda CRX, 1.6I-16V (88-90), Accord 1800 (84-85), 2.0i (86-), Preludi 16V (88-), LegendV6; Jaguar XJ serie 40; Lancia Dedra. 2.0 Ei Tur(93), Delta 1.6 Gti. (92), The. majE 16v(92), Thema. 2000 Turbo. Kappa 2.Q-2.4LS, 2.4TD. | | |



## 51059

99,00€

4.62 - 4 60

# SET OF 37 BRAKE PISTON REWINDING TOOLS

| | |
|---|---|
| **0** | Plate |
| **1** | Disc |
| **2** | Citroën XM, Xantia (F/R) |
| **3** | Alfa Romeo, Audi, Austin, BMW, Ford, Honda, Jaguar, Mercedes-Benz, Mitsubishi, Nissan, Rover, Toyota, VW |
| **4** | Alfa Romeo 164 2,0, Ford, Mazda, Saab 9000, Subaru |
| **5** | 3/8" Antriebs-Adapter |
| **6** | Nissan Primera, VW-Golf IV |
| **7** | Audi 80, 90, V8 +100, Ford Sierra ABS+Scorpio ab 85,Honda Prelude Nissan Silvia 1.8 turbo, Rover 8000, Saab 9000, Subaru L+Z, VW-Golf +Passat |
| **8** | General Motors (Ø pistons 1-7/8") |
| **9** | General Motors (Ø pistons 2-1/8") |
| **11** | Disc for Jaguar S type. |
| **12** | Disc for BMW mini |
| **A** | 1-3/16" Two Pin Disc for Renault R21, Laguna. |
| **B** | Ford, Lincoln, Subaru |
| **C** | Mini Austin |
| **D** | Citroën, Renault |
| **E** | Cefiro, Maxima |
| **F** | Opel Corsa, Astra, Zafiraand Vectra |
| **G** | Opel (Rear Disk) |
| **J** | Alfa Romeo 155 1.8-2.0 164 TD(93) 164 3.0 V6(91) Audi, 80, 90, A3, A4, A6, A8 Citroën ZX 2 QI 16V, Fiat Tipo TD 16V, Uno Turbo(85) Crama TD, Ford Sierra(ABS bak), Granada (85), (Australia & NZ) Thunderbird Turbo, Honda CRX, 1.6I-16V (8-90), Accord 1800(84-85)2.0i, Prelude 16V(88), Legend V6, Jaguar XJ40series, Lancia Dedra 2.0 Ei Tur(93), Delta 1.6Gti, Nissan, Peugeot, Renault, Seat, Subaru, Volvo V40 & S40 |
| **K** | Citroën C5 |
| **K1** | Citroën, Renault |
| **K2** | Citroën, Renault |
| **M** | Ford |
| **N** | Saab, Honda |
| **O** | GM Motors |
| **P** | Audi, BMW, Ford, Lancia, Proton, Renault, Rover, VW |



| | |
|---|---|
| **R** | Ford (Australia &NZ) Telstar, Laser, Mazda 323 Gti,GTX(86-), 929(82-), RX7(81-), 626 16V (87-), 626 GT (86-),929 V6(88-), Mitsubishi Galant GL Si, Toyota Celica, Corolla GT, MR2 |
| **S** | Audi 100TQi(91), BMW 740i 8cyl.(91), Lancia Delta 1.9 TD(95), Proton 416, Renault-most models, Renault Laguna 2.0 (94), Laguna 2.2 D(95), Safrane 2.0-2.2 TD V6, Rover 623 Si, Volkswagon Golf Gti Mk 3&4, Passat VR6,Vento GT(92) |
| **Z** | BMW, Mini |
| Right rotating caliper (With right side thread) | |
| Left rotating caliper (With left side thread) | |
| Pin Ø 3.0 / Pin Ø5.5 (100g Grease) | |

## 52330

99,00€

| 5.68 | - | 3 | 54 |
|---|---|---|---|

# SET OF 50 BRAKE PISTON REWINDING TOOLS

| | |
|---|---|
| **0** | General Motors (Ø pistons 2-1/2") |
| **1** | Disc |
| **2** | Citroën XM, Xantia u.a. |
| **3** | Alfa Romeo,Audi, Austin, BMW, Ford, Honda, Jaguar, Mercedes-Benz. Mitsubishi, Nissan Rover, Toyota, VW |
| **4** | Alfa Romeo 164 2.0.Ford, Mazda, Saab 9000, Subaru |
| **5** | 3/8" Antriebs-Adapter |
| **6** | Nissan Primera, VW-Golf IV |
| **7** | Audi 8.0,9.0,V8 +100, Ford Sierra ABS+ Scorpio ab 85, Honda Prelude, Nissan Silvia 1.8 turbo, Rover 8000, Saab 9000, Subaru L+Z, VW-Golf+ Passat |
| **8** | General Motors (Ø pistons 1-7/8") |
| **9** | General Motors (Ø pistons 2-1/8") |
| **11** | Disc for Jaguar S type. |
| **12** | Disc for BMW mini |
| **A** | Nissan Premira 2.0, Bluebird |
| **A1** | Ford Transit 06,Transit Connect 02,Tourneo Connect 02,Mondeo 00-07,C-Max 03, Focus 04 |
| **B** | Ford, Lincoln, Subaru |
| **B1** | Ford S-max 06,Scorpio 94-06,Mondeo 07,Kuga 08,Galaxy 00-06,Focus RS 03,Fiesta 01-02,Cougar 98-01 |
| **C** | Nissan Primera (02), Opel Vectra 02-,Toyota Avensis |
| **D** | Citroën, Renault |
| **E** | Cefiro, Maxima |
| **F** | Peugeot 206 CC / Hdi / Gti. Requires a 16mm wrench with rear pistons |
| **F1** | Fiat Ducato |
| **G** | Opel |
| **G1** | Volkswagon Golf V / VI |
| **J** | Alfa Romeo 155 1.8-2.0 164 TD(93) 164 3.0 V6(91), Audi 80,90,A3,A4,A6,A8, Citroen ZX 2 QI 16V, Fiat Tipo TD 16V, Uno Turbo (85) Crama TD, Ford Sierra ( ABS bak). Granada (85) Crama TD, Ford Sierra (ABS bak). (Australia& NZ) Thunderbird Turbo, Honda CRX, 1.6l-16V (8-90). Accord 1800 (84-85) 2.0i. Prelude 16V (88), Legend V6, Jaguar XJ 4, Oseries, Lancia Dadra 2.0, Ei Tur (93), Delta 1.6 Gti, Nissan, Peugeot, Renault, Seat, Subaru, Volvo V40 &S40. |
| **K** | Citroën C5 |
| **K1** | Citroën |
| **K2** | Citroën, Renault |
| **M** | Ford |
| **N** | Saab, Honda |
| **O** | Plate |
| **P** | Audi, BMW, Ford, Lancia, Piston, Renault, Rover. |
| **P1** | Peugeot 307, 308 |



| | |
|---|---|
| **Q** | Alfa Romeo 164 2.0 1., Fiat Uno, Turbo ie-Barchetta, Ford Escort MK III, IV, Orion, XR31, Focus(98-) push-back pistons, Honda-most models (push-back pistons), Rover-most models(push-back pistons), Subaru Lserie & Serie 2 |
| **R** | Ford( Australia& NZ) Teslar, Laser, Mazda 323 Gti, GTXX (86), 929 (82_), RX7(81-), 626 16V(87-) 626 GT (86-), 929 V6 (88-), Mitsubishi Galant GL Si, Toyota Celica, Corolla GT, MR2 |
| **S** | Audi 100 TQ(91), BMW 740i 8cyl (91), Lancia Delta 1.9 TD (95). Proton 416. Renault-most models, Renault Laguna 2.0 (94). Laguna 2.2. D (95) Safrane 2.0-2.2 TD V6, Rover 623 Si, Volkswagen Golf Gtu Mk I&IV, Passat VR6, Vento GT (92) |
| **T** | Rover 220 C Turbo (95) |
| **V** | Rover 216 Gti 16V,820 Si 2.0(93),825 SD 2.5 (93) |
| **Z** | Renault |
| **IV** | Iveco Daily, Volkswagon Passat 2.0 TDI 09 |

## 52906

38,00€

| 1.30 | - | 5 | 500 |
|---|---|---|---|

# SET OF 6 UNIVERSAL BRAKE PISTON REWINDING TOOLS

2-pin universal adjustable brake caliper adaptor

3-pin universal adjustable brake caliper adapto

Central screw rod

Sliding bar

Driving adaptor

Central driving part

Alfa Romeo 164 2,0, Ford, Mazda, Saab 9000, Subaru, Nissan Primera, VW, Audi, Ford Sierra Abs + Scorpio Ab 85, Honda Prelude, Nissan Silvia 1.8 Turbo, Rover 8000, Saab 9000, Ford, Opel, BMV, Lancia, Proton, Renault, Rover, Peugeot 307, 308 A3- Iveco Daily, Volkswagon Passat 2.0 Tdi 09, Renault Laguna.



SPARE PARTS AVAILABLE

## 53683 — 116,00€

1.45 | 10 | 1 | 100

### LOW-PROFILE BRAKE REPOSITIONING GUN



| | |
|---|---|
| **Operating pressure** | 5-8BAR |
| **Maximum air pressure** | 14BAR |
| **Air intake** | 1/4" |
| **Magnetic** | Si/Yes |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 313x275x80mm |

## 51283 — 78,00€

1.33 | - | 10 | 140

### BRAKE REPOSITIONING GUN



| | |
|---|---|
| **Operating pressure** | 5-8BAR |
| **Maximum air pressure** | 14BAR |
| **Air intake** | 1/4" |
| **Weight** | 1,33Kg |
| **Dimensions (LxWxH)** | 298x277x77mm |

## 52315 — 16,00€

0.88 | 5 | 20 | 640

### DISC BRAKE PISTON SEPARATOR



| | |
|---|---|
| **Opening** | 80mm |
| **Material** | CSTL |
| **Weight** | 0,88Kg |
| **Dimensions (LxWxH)** | 170x160x65mm |

## 54589 — 31,50€

0.55 | 5 | 30 | 960

### UNIVERSAL BRAKE BLEEDING ADAPTER



| | |
|---|---|
| **Maximum pressure** | 3,5BAR |
| **Lenght** | 114-180mm |
| **Fast connection** | 3/8" |
| **Diameter** | 28-70mm |
| **Weight** | 0,48Kg |

## 54588 — 499,00€

7.00 | - | 1 | 18

### ELECTRIC BRAKE BLEEDER

| | |
|---|---|
| **Operating pressure** | 0,6-3,0BAR |
| **Voltage** | 12-24V DC / 110-220V AC |
| **Power** | 48W |
| **Adapters** | 16 |
| **Flow rate** | 2,2LPM |
| **Weight** | 7,00Kg |
| **Dimensions (LxWxH)** | 240x200x280mm |



SPARE PARTS AVAILABLE

VIDEO TUTORIAL

VAT not included

## 54903

179,00€

14.00 | - | 5 | 75

NEW

### SET OF ADAPTERS FOR BRAKE BLEEDERS

| | | | |
|---|---|---|---|
| 1 | Benz, BMW, Audi, Škoda, Fiat, Lexus, Land Rover, Jaguar, Porsche, Buick, Ford, Chevrolet, Volvo, Citroën, Volkswagen, Peugeot, Renault | | |
| 2 | Mitsubishi, JAC, Hyundai, Infiniti, Subaru, Renault, Kia Series, BAIC BJEV | | |
| 3 | Buick Business Series | 10 | Nissan Series |
| 4 | Ford Focus, Ford Edge, Audi, Peugeot | 11 | Wuling |
| 5 | Honda Series | 12 | Suzuki, Changan |
| 6 | Toyota Series | 13 | Soueast DX5, Soueast DX7 |
| 7 | Cadillac, Ford Fiesta, Buick, Mazda | 14 | Nissan: Teana, Qashqai, X-Trail |
| 8 | Dodge, Chrysler, Jeep Series | 15 | Mitsubishi, Soueast, Lingyue |
| 9 | Dongfeng, Fengxing Series | 16 | Tesla |
| | Conector rápido / Quick Connector | | |
| | Adaptador universal / Universal Adapter | | |



## 60067

515,50€

7.50 | - | 1 | 18

NEW

### BATTERY-POWERED ELECTRIC BRAKE BLEEDER

| | |
|---|---|
| **Operating pressure** | 0,6-3,0BAR |
| **Voltage** | 12-24V DC / 110-220V AC |
| **Power** | 48W |
| **Adapters** | 17 |
| **Flow rate** | 2,2LPM |
| **Compatible with** | 60012, 60013, 60015 |
| **Weight** | 7,50Kg |
| **Dimensions (LxWxH)** | 240x200x280mm |





SPARE PARTS AVAILABLE

## 52191

198,00€

9.05 | - | 1 | 12

### PROFESSIONAL BRAKE BLEEDER WITH MASTER CYLINDER

| | |
|---|---|
| **Pieces** | 16 |
| **Operating pressure** | 0-4BAR |
| **Air intake** | 1/2" |
| **Adapters** | 11+2 Adaptadores universales/Universal adapters |
| **Weight** | 9,05Kg |
| **Dimensions (LxWxH)** | 385x385x460mm |

SPARE PARTS AVAILABLE

VIDEO TUTORIAL



## 52275 — 38,00€

0.79 | - | 4 | 120

### UNIVERSAL BRAKE BLEEDING SET



| | |
|---|---|
| **Pieces** | 5 |
| **Capacity** | 0,75L |
| **Operating pressure** | 6-12BAR (87-174PSI) |
| **Air intake** | 1/4" |
| **Real air consumption** | 180L/min |
| **Weight** | 0,79Kg |
| **Dimensions (LxWxH)** | 280x210x130mm |

## 55051 — 59,00€

1.67 | - | 6 | 48

NEW

### MANUAL BRAKE BLEEDER KIT



| | |
|---|---|
| **Operating pressure** | 0,7-2,0BAR |
| **Material** | ABS |
| **Adapters** | Coches europeos/European cars |
| **Capacity** | 3,00L |
| **Dimensions (LxWxH)** | 165x160x400mm |

## 54721 — 67,00€

1.43 | 5 | 10 | 180

### BRAKE BLEEDER WRENCH SET



| | |
|---|---|
| **Pieces** | 7 |
| **Mesure** | 7, 8, 9, 10, 11, 12mm |
| **Weight** | 1,43Kg |
| **Dimensions (LxWxH)** | 350x25x65mm |

## 54016 — 76,00€

1.50 | - | 5 | 100

### VACUUM AND PRESSURE TEST SET



| | |
|---|---|
| **Pieces** | 20 |
| **Vacuum level** | -0,75BAR (-20PSI) |
| **Maximum air pressure** | 3BAR (40PSI) |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 345x90x240mm |

## 54372 — 157,00€

2.56 | - | 5 | 85

### BRAKE TESTERS WITH AND WITHOUT ABS SET

- x1 Teves Adapter
- x1 45°Swivel Fitting
- x1 90°Swivel Fitting
- x2 7/16-24 Straight Fitting
- x2 1/4-28 Straight Fitting
- x2 3/8-24 Straight Fitting
- x2 5/16-24 Straight Fitting
- x2 M10-1.5 Straight Fitting
- x2 M8-1.25 Straight Fitting
- x2 M10-1.0 Bleeder Adapter
- x2 7/16-20 Straight Fitting
- x2 M7-1.0 Straight Fitting



Audi (TT (2007-), A4 (2001-), A6 (2005- ), A8 (2003-), Q7, S5, S6, S8, Porsche (Cayenne, Macan, Cayman), Mercedes-Benz (ML320, Clase C), Ford (Mondeo, Fiesta, Focus, Edge), BMW (Series 3 -generación E36 / 5), Alfa Romeo, Jaguar (XF), Vauxhall, Volkswagen, Chrysler, Mini, SAAB

## 54135 — 82,00€

1.45 | 5 | 10 | 400

### BRAKE CALLIPER SOCKET SET



| | | | |
|---|---|---|---|
| | 1/2" | x2 | 14x38, 22x38mm |
| | | x3 | 11,50x38, 15x38, 20x38mm |
| | | x4 | 10, 12.50, 14, 19mm |
| | | x1 | 10mm |
| | 3/8" | x4 | H11x100, H7x70, H7x92, H9x50mm |
| | | x2 | 7x24, 8x24mm |
| | 1/4" | x1 | 9x20mm |

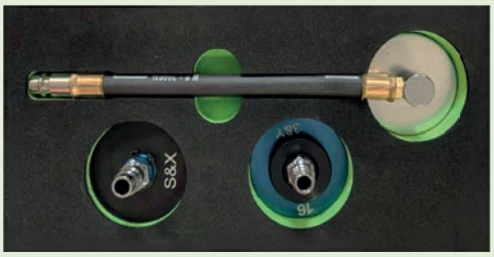
Audi (A4, A5, S5, S8, Q5, Q7), Porsche (Cayenne, Macan, Cayman), Mercedes Benz, Ford, BMW, Alfa Romeo

## 54887 — 64,00€

0.50 | - | 20 | 240

NEW

### BRAKE BLEEDING ADAPTER SET FOR TESLA




| | |
|---|---|
| **Air intake** | 1/4" |
| **Compatible with** | Model 3, S, X, Y |
| **Adapters** | 3 |
| **Weight** | 0,46Kg |
| **Dimensions (LxWxH)** | 240x120x65mm |

## 52434 — 125,00€

3.25 | - | 5 | 100

### BRAKE MAINTENANCE/REPAIR SET

| | |
|---|---|
| x2 | Brake line flare nut wrenches |
| x1 | Brake springs pliers |
| x1 | Screwdrivers with impact |
| x3 | Screwdrivers sockets |
| x1 | Assembly tool |
| x1 | Screwdrivers socket with universal joint |
| x1 | Special tool for brakes |
| x1 | Brake calliper brush |
| x1 | Brass brake calliper brush |
| x1 | Brake cable springs pliers |
| x1 | Brake clipper file |
| x1 | Flat scraper for removing crude residues |



## 52625 — 9,00€

0.35 | 6 | 48 | 1824

### BRAKE SHOE SPRING PLIER



| | |
|---|---|
| **Opening** | 195mm |
| **Material** | CSTL |
| **Lenght** | 310mm |
| **Weight** | 0,35Kg |

## 52455 — 16,00€

0.26 | - | 20 | 1400

### GAUGE FOR BRAKE PADS



| | |
|---|---|
| **Pieces** | 8 |
| **Measures** | 2, 3, 4, 5, 6, 8,10, 12mm |
| **Material** | ABS |
| **Weight** | 0,26Kg |
| **Dimensions (LxWxH)** | 200x155x30mm |

## 51839 — 24,00€

0.05 | 25 | 100 | 2400

### BRAKE FLUID TESTER




| | |
|---|---|
| **Battery** | 1 Pila/Battery AAA |
| **Weight** | 0,05Kg |
| **Dimensions (LxWxH)** | 215x127x35mm |

# SPECIAL TOOLS


**240** LUBRICATION SYSTEM

**247** INJECTOR PULLERS

**252** BLOCK/CYLINDER HEAD

**262** CLUTCH

**263** COOLING SYSTEM

**266** A/C SYSTEM

**269** TRANSMISSION

**270** SUSPENSION/STEERING

**281** EXHAUST

**282** ELECTRICAL SYSTEM

**285** THREAD REPAIR

**287** MOTORCYCLE

**287** EXTRACTORS

**298** TORQUE MULTIPLIER SETS




## 54068

120,00€

4.00 | - | 2 | 48

# SET OF 19 ALUMINIUM OIL FILTER CUP WRENCHES

SPARE PARTS AVAILABLE

| PIECE N° | | FLATS | ø |
|---|---|---|---|
| **05101** | Mazda, Mitsubishi | 15 | 100,5mm |
| **0595** | Nissan, Toyota | 15 | 94,5mm |
| **0592** | Nissan, Subaru | 15 | 92mm |
| **0579** | Toyota, Honda, Mitsubishi, Subaru, Mazda, Lsuzu | 15 | 79mm |
| **915** | Volvo | 16 | 87mm |
| **901L** | Lexus | 14 | 79,5mm |
| **901T** | Toyota | 14 | 70mm |
| **901-1** | Toyota | 14 | 63-64mm |
| **902** | Ford, Mazda | 14 | 66,5mm |
| **1284** | Mercedes Benz, Dodge, Jeep | 14 | 84mm |
| **903B** | Mercedes Benz | 14 | 74mm |
| **24mm** | BMW, Saturn, Opel, Chrysler, Jeep | 6 | 24mm |
| **27mm** | Mercedes Benz | 6 | 27mm |
| **30mm** | Audi, Volkswagen | 6 | 30mm |
| **32,5mm** | Opel, BMW, Audi, Volkswagen | 6 | 32,5mm |
| **36mm** | Opel, BMW, Mercedes Benz, Volkswagen | 6 | 36mm |
| **38mm** | Opel | 6 | 38mm |
| **917** | Universal | | 55-90mm |



## 51332

98,00€

4.19 | - | 5 | 60

# SET OF 23 ALUMINIUM OIL FILTER CUP WRENCHES

SPARE PARTS AVAILABLE

| PIECE N° | | FLATS | ø |
|---|---|---|---|
| **901** | Toyota, Nissan, Fiat Daihatsu | 14 | 65mm |
| **902** | Toyota, Daihatsu | 14 | 67mm |
| **903** | VW, Mercedes, BMW, Opel, Audi | 14 | 74mm |
| **903-1** | GM/AC, Wix, Ford, Isuzu | 15 | 75mm |
| **903-2** | VW, Audi, Seat, BMW, Renault | 8 | 74mm |
| **903-3** | Audi, Rover, Chrysler | 15 | 74mm |
| **903-4** | Toyota, Lexus | 14 | 73mm |
| **903-6** | Schlepper, Baumashinen | 12 | 75mm |
| **918** | Rover, Chrysler, Audi | 15 | 74mm |
| **904** | Nissan, Ford | 15 | 79mm |
| **905** | GM, Chrysler | 15 | 73mm |
| **905-1** | BMW, Mercedes, Opel, Audi, VW | 14 | 74mm |
| **906** | Baumaschinen, Schlepper | 18 | 84mm |
| **907** | Mitsubishi, Toyota | 15 | 89mm |
| **908** | Nissan, Toyota | 15 | 91mm |
| **915** | Honda Accord, Mitsubishi, Isuzu | 15 | 90mm |
| **910** | Toyota, Alfa Romeo, Ford | 15 | 95mm |
| **911** | Fiat, Renault, Citroën | 12 | 80mm |
| **911-1** | Subaru, Toyota, Honda, Nissan | 15 | 80mm |
| **914** | Mazda, Toyota | 15 | 101mm |
| **909** | Isuzu, Nissan | 15 | 92mm |





# OIL FILTER CUP WRENCHES

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52311 | OIL FILTER CUP WRENCH 42MM | VAG | 0.13 | 6 | 72 | 1728 | 20,50€ |
| 52312 | OIL FILTER CUP WRENCH 74X14C | VW, OPEL, MERCEDER, BMW, AUDI | 0.10 | 10 | 100 | 1000 | 9,00€ |
| 52313 | OIL FILTER CUP WRENCH 86X16C | VOLVO | 0.20 | 6 | 68 | 1008 | 8,00€ |
| 52314 | OIL FILTER CUP WRENCH 87X16C | BMW, VOLVO | 0.20 | 5 | 50 | 400 | 26,60€ |
| 52809 | OIL FILTER CUP WRENCH 64.5MM | TOYOTA | 0.15 | 10 | 100 | 1000 | 8,50€ |
| 53441 | OIL FILTER CUP WRENCH 76X14C | - | 0.20 | 5 | 20 | 720 | 9,80€ |


52311


52312


52313


52314


52809


53441

## 52615

112,00€

3.05 | - | 5 | 60

## SET OF 9 OIL FILTER WRENCHES

| | | | | |
|---|---|---|---|---|
| 1/2" | x1 | | Universal | 63 - 83mm |
| 3/8" | x3 | 6 | Mercedes Benz, Smart | 27mm |
| | | | GM, Opel, Vauxhall, Mercedes Benz | 32mm |
| | | | Mercedes Diesel, BMW, Mini, Ford | 36mm |
| | x3 | 14 | Toyota (Allion, Auris, Corolla, Prius, Voxy, etc.) | 64,5mm |
| | | | Toyota, Lexus (6 Zyl.) | 64,5mm |
| | | | Audi, BMW, Ford, Toyota, Volkswagen, Porsche, Mercedes-Benz | 74,2mm |
| | x1 | 15 | Hyundai, Kia | 88,8mm |
| | x1 | 16 | BMW 3+5+X, Volvo | 86,6mm |



## 53008

15,50€

0.60 | - | 30 | 480

## OIL FILTER WRENCH FOR FORD, CITROËN, PEUGEOT 2.0, 2.2 HDI, TDCI



| | |
|---|---|
| **Brands** | FORD, CITROËN, PEUGEOT |
| **Material** | CrMo |
| **Mesure** | 27mm |
| **Square measure** | 1/2" |
| **Weight** | 0,60Kg |
| **Dimensions (LxWxH)** | 310x125x20mm |

## 52518

115,00€

1.40 | 6 | 12 | 480

## TRUCK FILTER WRENCH



| | |
|---|---|
| **Brands** | Universal |
| **Material** | CSTL, CrMo |
| **Diameter** | 95-165mm |
| **Square measure** | 1/2" |
| **Weight** | 1,40Kg |

## 51352 — 9,80€

0.40 | 5 | 40 | 1120

### 3 LEG OIL FILTER PULLER WITH FLAT LEG



| | |
|---|---|
| **Brands** | Universal |
| **Material** | CSTL |
| **Diameter** | 57-118mm |
| **Square measure** | 3/8"-1/2" |
| **Weight** | 0,40Kg |

## 51353 — 11,50€

0.65 | 5 | 40 | 840

### 3 LEG OIL FILTER PULLER WITH ROUND LEG



| | |
|---|---|
| **Brands** | Universal |
| **Material** | CSTL |
| **Diameter** | 72-136mm |
| **Square measure** | 3/8"-1/2" |
| **Weight** | 0,65Kg |

## 51934 — 11,50€

0.40 | 10 | 40 | 1280

### 3 LEG OIL FILTER PULLER WITH FLAT LEG MAGNETIZED



| | |
|---|---|
| **Brands** | Universal |
| **Material** | CSTL |
| **Diameter** | 57-118mm |
| **Square measure** | 3/8"-1/2" |
| **Magnetic** | Si/Yes |
| **Weight** | 0,40Kg |

## 51923 — 13,00€

0.56 | 10 | 40 | 960

### 3 LEG OIL FILTER PULLER WITH ROUNG LEG MAGNETIZED



| | |
|---|---|
| **Brands** | Universal |
| **Material** | CSTL |
| **Diameter** | 72-136mm |
| **Square measure** | 3/8"-1/2" |
| **Magnetic** | Si/Yes |
| **Weight** | 0,56Kg |

## 54542 — 23,00€

0.50 | 10 | 40 | 1680

### ADJUSTABLE OIL FILTER WRENCH (60-80MM)




| | |
|---|---|
| **Brands** | Universal |
| **Material** | 40Cr |
| **Diameter** | 60-80mm |
| **Square measure** | 1/2" |
| **Weight** | 0,47Kg |

## 54543 — 37,00€

0.90 | 10 | 20 | 1300

### ADJUSTABLE OIL FILTER WRENCH (80-105MM)




| | |
|---|---|
| **Brands** | Universal |
| **Material** | 40Cr |
| **Diameter** | 80-105mm |
| **Square measure** | 1/2" |
| **Weight** | 0,86Kg |

## 55014 — 64,00€

1.72 | 5 | 10 | 500

NEW

### ADJUSTABLE OIL FILTER WRENCH (105-145MM)




| | |
|---|---|
| **Brands** | Universal |
| **Material** | 40Cr |
| **Diameter** | 105-145mm |
| **Square measure** | 1/2" |
| **Weight** | 1,66Kg |

## 53206 — 39,00€

0.55 | 5 | 20 | 360

### SET OF 5 BENZ/AUDI ENGINE AND TRANSMISSION DIPSTICK

| | | |
|---|---|---|
| Mercedes-Benz | 920mm | - Transmission code: 716.5,722.7,722.8. |
| Mercedes-Benz | 930mm | - Year of manufacture: 1988-1997.<br>- Engine Codes: 103,104,111,119,120,137,604,605,606,611,612,613,628,642,647,648. |
| Mercedes-Benz | 930mm | - Year of manufacture: 1996-2005.<br>- Engine Codes: 103,104,111,112,113,119,120,137,271,272,604,605,606,611,612,613,628,642,646,647,648. |
| Mercedes-Benz | 1200mm | - Transmission code: 722.6. |
| Audi | 1160mm | - AUDI 100 engines |

SPARE PARTS AVAILABLE



**51354** 13,20€

0.43 | 5 | 40 | 640

## REMOVAL OIL FILTER TOOL



| | |
|---|---|
| **Brands** | Universal |
| **Material** | CrV |
| **Opening** | 80-120mm |
| **Weight** | 0,43Kg |

**53670** 29,50€

0.25 | 10 | 40 | 1680

## OIL FILTRE WRENCH FOR DSG/VAG 1/2" 24MM



| | |
|---|---|
| **Brands** | VAG |
| **Material** | CrMo |
| **Mesure** | 24mm |
| **Square measure** | 1/2" |
| **Weight** | 0,25Kg |

**54708** 17,00€

0.80 | 10 | 20 | -

## OIL FILTER WRENCH FOR VW



| | |
|---|---|
| **Brands** | VW |
| **Material** | S |
| **Mesure** | 46mm |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 460x3,5x5,5mm |

## OIL FILTER WRENCHES

| REF. | DESCRIPTION | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 52269 | OIL FILTER WRENCH BAND | ø 80 - 120mm | 0.20 | 10 | 50 | 800 | 7,00€ |
| 52677 | ADJUSTABLE FILTER REMOVAL WRENCH Ø65-105MM | ø 65 - 105mm | 0.32 | 10 | 40 | 720 | 17,00€ |
| 52678 | ADJUSTABLE FILTER REMOVAL WRENCH Ø110-155MM | ø 110 - 155mm | 0.33 | 10 | 40 | 400 | 18,00€ |

52269

SPARE PARTS AVAILABLE



52677

SPARE PARTS AVAILABLE



52678

SPARE PARTS AVAILABLE



## OIL FILTER WRENCHES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52416 | REMOVAL TOOL SOFT GRUP SWIVEL Ø160 | 0.37 | 5 | 50 | 900 | 14,00€ |
| 52417 | REMOVAL TOOL CHAIN WRENCH 300MM - Ø160 | 0.90 | 5 | 25 | 850 | 28,00€ |
| 52607 | OIL FILTER CHAIN WRENCH Ø60-140MM | 0.85 | 6 | 24 | 576 | 49,00€ |
| 52608 | OIL FILTER CHAIN WRENCH Ø60-195MM | 0.95 | 6 | 24 | 480 | 49,00€ |



52416



52417



52607



52608

## 53735

48,00€

| 1.70 | - | 10 | 320 |
|---|---|---|---|

## SET OF 23 OIL DRAIN PLUG SOCKETS

| | |
|---|---|
| x2 | 5/16", 3/8" |
| x7 | 7, 8, 10, 11, 12, 13, 14mm |
| x1 | 10mm |
| x1 | 10mm |
| x7 | 8, 9, 10, 12, 13, 14, 17mm |
| x1 | T45 |
| x1 | M16 |
| x1 | 200mm |
| x2 | 75, 150mm |

SPARE PARTS AVAILABLE



## 15084

68,00€

| 1.65 | - | 10 | 220 |
|---|---|---|---|

## EXTRACTION MODULE FOR OIL SUMP PLUGS



| | |
|---|---|
| x2 | 5/16", 3/8" |
| x7 | 7, 8, 10, 11, 12, 13, 14mm |
| x1 | 10mm |
| x1 | 10mm |
| x7 | 8, 9, 10, 12, 13, 14, 17mm |
| x1 | T45 |
| x1 | M16 |
| x1 | 200mm |
| x1 | 150mm |

## 55004

89,00€

| 3.10 | - | 4 | 108 |
|---|---|---|---|

NEW

## OIL PAN DRAIN PLUG REMOVAL KIT (34 PCS)



| | |
|---|---|
| **Pieces** | 34 |
| **Brands** | Universal |
| **Material** | CrV |

## OIL PAN DRAIN SUMP PLUG KEYS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 53235 | OIL PAN DRAIN SUMP PLUG KEY (M-13) | 0.25 | 10 | 40 | 1200 | 10,40€ |
| 53236 | OIL PAN DRAIN SUMP PLUG KEY (M-15) | 0.35 | 10 | 40 | 1200 | 12,00€ |
| 53237 | OIL PAN DRAIN SUMP PLUG KEY (M-17) | 0.35 | 10 | 40 | 1200 | 12,90€ |
| 53238 | OIL PAN DRAIN SUMP PLUG KEY (M-20) | 0.40 | 10 | 40 | 1200 | 18,40€ |



53235



53236



53237



53238

# NEW OIL SUMP PLUGS

| REF. | | | | | | | €/UNI |
|---|---|---|---|---|---|---|---|
| 54981 | | CITROËN, FIAT, FORD, LAND ROVER, MAZDA, SUZUKI, VOLVO | 0.02 | 4 | 500 | - | 1,00€ |
| 54988 | | FORD | 0.04 | 4 | 500 | - | 1,50€ |
| 54994 | | CITROËN, FIAT, HYUNDAI, LANCIA, MAHINDRA, NISSAN, PEUGEOT | 0.02 | 4 | 500 | - | 1,50€ |
| 54978 | | CHERVOLET, FIAT, CADILLAC, OPEL | 0.02 | 4 | 500 | - | 1,50€ |
| 54975 | | AUDI, VOLKSWAGEN | 0.04 | 4 | 500 | - | 1,50€ |
| 54979 | | CITROËN, PEUGEOT | 0.05 | 4 | 500 | - | 1,50€ |
| 54983 | | HYUNDAI, KIA | 0.04 | 4 | 500 | - | 1,50€ |
| 54990 | | MAZDA | 0.04 | 4 | 500 | - | 2,50€ |
| 54992 | | HONDA, HYUNDAI, ISUZU, KIA, LAND ROVER, MAZDA, MG | 0.04 | 4 | 500 | - | 1,00€ |
| 54991 | | VAG | 0.03 | 4 | 500 | - | 1,50€ |
| 54993 | | FORD, SAAB | 0.04 | 4 | 500 | - | 1,50€ |
| 54996 | | AUDI | 0.02 | 4 | 500 | - | 1,50€ |
| 54995 | | HONDA, HYUNDAI, MAZDA, MITSUBISHI, PEUGEOT, SUZUKI, OPEL, SMART | 0.03 | 4 | 500 | - | 1,00€ |
| 54985 | | CITROËN | 0.02 | 4 | 500 | - | 1,50€ |
| 54986 | | ALFA ROMEO, FIAT, JEEP, LANCIA, OPEL, SUZUKI | 0.04 | 4 | 500 | - | 3,00€ |
| 54989 | | ALFA ROMEO, FIAT, JEEP, LANCIA | 0.06 | 4 | 500 | - | 2,00€ |
| 54977 | | CITROËN, FORD, OPEL, PEUGEOT, TOYOTA, VAU HALL | 0.01 | 4 | 500 | - | 2,50€ |
| 54980 | | FORD | 0.02 | 4 | 500 | - | 4,00€ |
| 54987 | | CADILLAC | 0.01 | 4 | 500 | - | 3,50€ |

PRESENTATION IN BAGS OF 4 UNITS
MINIMUM PURCHASE OF 4 UNITS






## 53472 — 12,00€

0.10 | 10 | 100 | 1200

### PLASTC OIL DRAIN PLUG WRENCH (VAG)



| | |
|---|---|
| **Brands** | VAG |
| **Material** | PT, CrV |
| **Mesure** | 14x1,5x22mm |
| **Lenght** | 100mm |
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 130x100x25mm |

## 52617 — 7,00€

0.23 | 6 | 36 | 1980

### SPECIAL OIL DRAIN PLUG WRENCH



| | |
|---|---|
| **Brands** | CITROËN, RENAULT, PEUGEOT |
| **Material** | CrV |
| **Measures** | 8-10mm |
| **Lenght** | 310mm |
| **Type** | Cuadrangular/Quadrangular |
| **Weight** | 0,23Kg |
| **Dimensions (LxWxH)** | 310x100x12mm |

## 51337 — 50,00€

1.55 | - | 10 | 180

### OIL DRAIN PLUGS REPAIR SET



| | |
|---|---|
| A | M15 x 1.5P |
| B | M17 x 1.5P |
| C | M20 x 1.5P |
| D | M13 x 1.5P |



| | |
|---|---|
| E | M13 x 1.5P |
| F | M15 x 1.5P |
| G | M17 x 1.5P |
| H | M20 x 1.5P |

SPARE PARTS AVAILABLE




## 54538 — 30,00€

0.55 | 5 | 20 | -

### SET OF 9 PLASTIC OIL DRAIN SCREW REMOVAL TOOLS

| | | |
|---|---|---|
| A | 3/8" | FORD |
| B | 3/8" | FORD |
| C | 3/8" | FORD |
| D | 3/8" | FORD, PSA |
| E | 3/8" | MERCEDES |
| F | 3/8" | DAF, MAN |
| G | 3/8" | BMW |
| H | 3/8" | GM |
| I | 3/8" | VAG |




## 53473 — 39,50€

0.40 | 10 | 50 | 800

### PLASTIC OIL DRAIN PWG DRIVER SET

| | | |
|---|---|---|
| A | 3/8" | FORD |
| B | 1/4" | VAG |
| C | 1/4" | BMW |
| D | 3/8" | PEUGEOT, CITROËN |
| E | 1/4", 3/8" | |




## 54802 — 20,00€

0.35 | 5 | 10 | 480

NEW

### OIL FILTER WRENCH - HYUNDAI / KIA

| | |
|---|---|
| **Pieces** | 1 |
| **Square measure** | 1/2" |
| **Brands** | HYUNDAI / KIA |
| **Material** | Acero/Steel |
| **Internal diameter** | 80mm |
| **Profile** | 14 Caras/Sides |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 135x127x62mm |



## 54587

205,00€

8.50 | - | 2 | 72

# PNEUMATIC FUEL INJECTOR EXTRACTOR WITH ADAPTORS AND EXTRACTION CLAWS SET

| | |
|---|---|
| M20x1,0 10mm - M14x1,5 20mm | M14x1,5 9mm - M25x0,5 9mm |
| M18x0,75 10mm - M14x1,5 20mm | M14x1,5 9mm - M29x1,0 11mm |
| M17x1,0 10mm - M14x1,5 20mm | M14x1,5 9mm - M31x0,75 15mm |
| M8x1,25 14mm - M14x1,5 14mm | M14x1,5 8mm - M26x0,75 15mm |
| M8x1,00 14mm - M14x1,5 14mm | M18x1,5 18mm - M14x1,5 15mm |
| M10x1,5 14mm - M14x1,5 14mm | M22x1,5 15mm - M14x1,5 33mm |
| M14x1,5 9mm - M27x1,0 10mm | M20x1,5 18mm / M12x1,5 18mm - M14x1,5 15mm |
| M14x1,5 9mm - M27x1,0 10mm | M14x1,5 16mm |
| M14x1,5 9mm - M25x1,0 13mm | M14x1,5 13,5mm |
| M14x1,5 9mm - M27x0,75 10mm | M14x1,5 12mm |



## 54768

80,00€

1.50 | - | 5 | 120

NEW

# INJECTOR REMOVER FOR VAG GROUP

| | |
|---|---|
| APPLICATIONS | **AUDI**<br>**SEAT**<br>**SKODA** |
| OEM TOOLS | T10402 |
| ENGINE CODES | CAGA, CAGB, CAGC, CAHA, CAHB, CAYA, CAYB, CAYC, CAYD, CAYE, CBAA, CBAB, CBBB, CBDA, CBDB, CBDC, CDBA, CEGA, CFFA, CFFB, CFFD, CFFE, CFGB, CFGC, CFGD, CFHA, CFHB, CFHC, CFHD, CFHE, CFHF, CFJA, CFJB, CFWA, CGLA, CGLB, CGLC, CGLD, CGLE, CJAA, CJCA, CJCB, CJCC, CJCD, CKFB, CKFC, CKTB, CKTC, CKUB, CKUC, CLCA, CLCB, CLHA, CLHB, CLJA, CLLA, CLLB, CLNA, CMEA, CMFA, CMFB, CMGA, CMGB, CNEA, CNFA, CNFB, CNHA, CNHC, CRBB, CRBC, CRBD, CRKA, CRKB, CRLB, CRLC, CRLD, CRMB, CRUA, CRVA, CRVC, CSHA, CSLA, CSNA, CSUA, CSUB, CSUD, CSUE, CUSA, CUSB, CUTA, CUUA, CUUB, CUUD, CUUE, CUUF, CUVA, CUVB, CUVC, CUVD, CUVE, CUWA, CUXA, CVCA, CXMA, CXXA, CXXB, CYKA, CYKB, CYZA, CYZB, CZHA, DBBA, DBGA, DBGB, DBGC, DBKA, DCXA, DCYA, DCYB, DCZA, DDCA, DDCB, DDDA, DDYA, DDYB, DEJA, DEJB, DELA, DEUA, DEUB, DEUC, DFEA, DFEB, DFFA, DFGA, DFGB, DFGC, DFHA, DFLA, DFLD, DFSA, DFSB, DFSC, DFSD, DFSE, DFSF, DFTA, DFTB, DFTC, DGDA, DGMA, DGTA, DGTB, DGTC, DGTD, DGTE, DJGA, DLTA, DLUB, 1.2L, 1.4L, 1.6L, 2.0L TDI COMMON-RAIL ENGINES, 1.6L TDI CR DIESEL, 2.0L TDI |



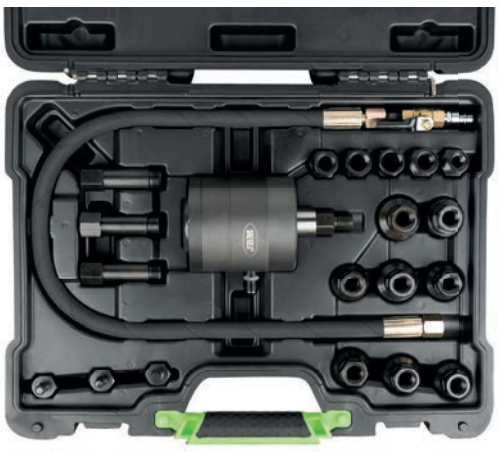
## 54186

199,00€

6.79 | - | 2 | 62

# PNEUMATIC INJECTOR PULLER SET

| | |
|---|---|
| M20x1,0 10mm | M25x1,0 13mm |
| M10x1,5 14mm | M26x0,75 15mm |
| M14x1,5 15mm | M27x0,75 10mm |
| M14x1,5 33mm | M29x1,0 11mm |
| M16x1,5 18mm | M31x0,75 15mm |
| M17x1,0 10mm | M8x1,0 14mm |
| M18x0,75 10mm | M8x1,25 14mm |
| M18x1,5 18mm | M14x1,5 9mm |
| M22x1,5 15mm | M14x1,5 9mm |
| M25x0,5 9mm | |



VIDEO TUTORIAL

SPARE PARTS AVAILABLE

## 54345 — 15,00€

0.30 | - | 15 | 720

### FREEZING SPRAY




| | |
|---|---|
| **Pieces** | 1 |
| **Capacity** | 400ml |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 200x60x70mm |

## 16295 — 32,00€

1.55 | - | 10 | 750

### SET OF 3 ADAPTORS FOR PNEUMATIC INJECTOR PULLER (REF.54186)




| | |
|---|---|
| **Pieces** | 3 |
| **Weight** | 1,55Kg |
| **Dimensions (LxWxH)** | 160x130x40mm |

## 54740 — 64,00€

1.75 | - | 8 | 90

### INJECTOR PULLER FOR FORD/VOLVO GTDI

| | |
|---|---|
| **Pieces** | 6 |
| **Brands** | FORD, VOLVO |
| **Material** | Acero/Steel |
| **Weight** | 1,75Kg |
| **Dimensions (LxWxH)** | 650x55x103mm |



## 51494 — 107,00€

3.60 | - | 4 | 96

### INJECTOR PULLER SET




| | | | |
|---|---|---|---|
| A | M12 x 1.75 | | M8 x 1.5 |
| B | M14 x 1.5 | | M17 x 1.5 |
| C | M14 x 1.5 | | M27 x 1.0 |
| D | M14 x 1.5 | | M12 x 1.75 |
| E | M14 x 1.5 | | M8 x 1.5 |
| F | M14 x 1.5 | | M8 x 1.5 |
| G | M14 x 1.5 | | |
| H | | | |
| I | | | |

## 54566 — 179,00€

7.95 | - | 2 | 80

### HAND INJECTOR PULLER SET



| | |
|---|---|
| **Pieces** | 25 |
| **Brands** | BOSCH, CAT, CUMMINS, DENSO, DELPHI, SIEMENS |
| **Material** | S |
| **Weight** | 7,95Kg |
| **Dimensions (LxWxH)** | 380x120x270mm |

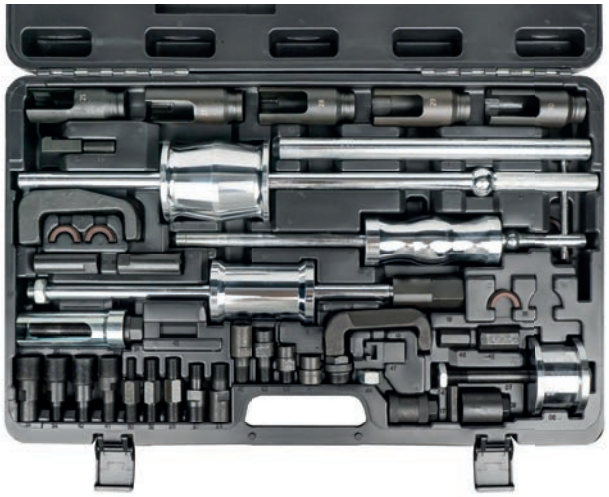
## 52858

298,00€

| 21.20 | - | 1 | 44 |
|---|---|---|---|
| Kg | SUP | 1 | |

### INJECTOR EXTRACTOR PULLER SET

| | |
|---|---|
| **Hammers** | |
| 1,6Kg (160mm) | |
| 2,7Kg (460mm) | |
| 5,1Kg (600mm) | |
| **Pulling claws with fork opening** | |
| 13,7x18mm (105mm) | |
| 12,7x19mm (130mm) | |
| **Slotted (6pt)** | 1/2" - 25, 27, 28, 29, 30mm (100mm) |
| **Pulling adapter with external thread** | M27x1.0 (x3), M25x1.0 |
| **Injector extractor** | M27x1.0 (x3) |
| **Pulling adapter with internal thread** | M17x1.0 |
| **Slide hammer adapter for internal, external and claw extractor** | |



## 54750

98,00€

| 1.50 | - | 5 | 165 |
|---|---|---|---|
| Kg | SUP | 1 | |

### INJECTOR PULLER FOR DIESEL ECOBLUE 2.0L

| | |
|---|---|
| **Pieces** | 14 |
| **Brands** | FORD |
| **Material** | Acero/Steel |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 350x310x54mm |



## 54892

112,50€

| 2.30 | - | 2 | 80 |
|---|---|---|---|
| Kg | SUP | 1 | |

NEW

### COMMON RAIL INJECTOR PULLER FOR BMW / MINI B38 B48



| | |
|---|---|
| **Pieces** | 6 |
| **Brands** | BMW/MINI |
| **Material** | Metal/Steel |
| **Weight** | 2.3Kg |
| **Dimensions (LxWxH)** | 380x350x80mm |

## 54598

33,00€

| 0.90 | - | 20 | - |
|---|---|---|---|
| Kg | SUP | 1 | |

### INJECTOR EXTRACTOR FOR FORD 2.0L ECOBLUE DIESEL ENGINE

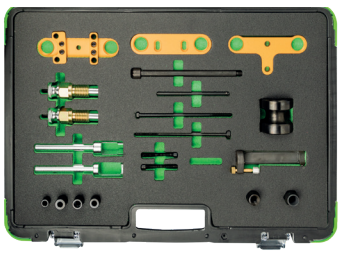


| | |
|---|---|
| **Pieces** | 4 |
| **Brands** | FORD |
| **Material** | CSTL |
| **Weight** | 8,00Kg |
| **Dimensions (LxWxH)** | 370x120x280mm |

## 54220 — 213,00€

4.40 | - | 2 | 240

### BMW FUEL INJECTOR PULLER / INSTALLEER TOOL MERCEDES BENZ



| | |
|---|---|
| **Pieces** | 23 |
| **Brands** | BMW, MERCEDES BENZ |
| **Weight** | 4,40Kg |
| **Dimensions (LxWxH)** | 500x360x97mm |

## 53069 — 98,00€

3.44 | - | 5 | 165

### DIESEL INJECTOR PULLER SET FOR CITROËN, PEUGEOT, FIAT



| | |
|---|---|
| **Pieces** | 9 |
| **Brands** | CITROËN, PEUGEOT, FIAT |
| **Weight** | 3,44Kg |
| **Dimensions (LxWxH)** | 300x220x65mm |

## 52629 — 99,00€

1.22 | - | 10 | 440

### INJECTOR PULLER SET FOR MERCEDES



| | |
|---|---|
| **Pieces** | 3 |
| **Brands** | MERCEDES BENZ |
| **Material** | CrV |
| **Weight** | 1,22Kg |
| **Dimensions (LxWxH)** | 210x145x50mm |

## 53501 — 24,00€

0.55 | 10 | 20 | 1120

### DIESEL INJECTION PUMP PULLER FOR BMW



| | |
|---|---|
| **Brands** | BMW |
| **Weight** | 0,55Kg |

## 53009 — 42,00€

0.50 | 4 | 20 | 560

### INJECTOR LINE SOCKET SET



| | |
|---|---|
| **Pieces** | 3 |
| **Square measure** | 1/2" |
| **Mesure** | M14, M17, M19 |
| **Weight** | 0,50Kg |

## 52757 — 17,20€

0.55 | 5 | 20 | 480

### FUEL TANK SENDER WRENCH 3 LEG



| | |
|---|---|
| **Diameter** | 75-160mm |
| **Mesure** | 24mm |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 345x210x90mm |

## 53522 — 24,00€

0.80 | 5 | 20 | 480

### INJECTOR SEAL PULLER



| | |
|---|---|
| **Diameter** | 4,5-15mm |
| **Lenght** | 350mm |
| **Weight** | 0,80Kg |

## 53096 — 28,80€

1.00 | 5 | 10 | 320

### FUEL TANK SENDER WRENCH



| | |
|---|---|
| **Material** | Acero/Steel |
| **Diameter** | 89-170mm |
| **Mesure** | 15mm |
| **Weight** | 1,00Kg |
| **Dimensions (LxWxH)** | 150x150x100mm |

## 55092 — 28,00€

0.74 | 5 | 20 | 240

NEW

### BMW / MINI FUEL PUMP NUT WRENCH



| | |
|---|---|
| **Pieces** | 1 |
| **Square measure** | 1/2" |
| **Brands** | BMW/MINI |
| **Material** | Acero/Steel |
| **Dimensions (LxWxH)** | 0,80Kg |
| **Weight** | 158x158x100mm |

## 53650 — 47,00€

0.90 | - | 10 | 120

### INJECTOR SEAT CLEANING SET

SPARE PARTS AVAILABLE

| | |
|---|---|
| x3 | Steel brush |
| x2 | Silicon-nylon brush |
| x1 | Extensor |
| x6 | Combustion chamber sealing plugs |
| x1 | Insertion rod for sealing plugs |
| x1 | Injector nozzle port cleaner |



## 51493 — 68,00€

1.85 | - | 5 | 60

### DIESEL INJECTOR FLOW TEST SET

SPARE PARTS AVAILABLE



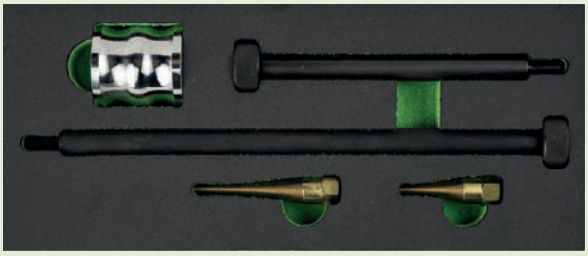
| | |
|---|---|
| **Pieces** | 31 |
| **Brands** | BOSCH, SIEMENS, DENSO, DELPHI |
| **Material** | PT, Cu-Zn |
| **Dimensions (LxWxH)** | 410x325x87mm |
| **Weight** | 1,85Kg |

## 54847 — 41,50€

1.65 | - | 10 | 240

NEW

### INJECTOR SEAL EXTRACTOR WITH INTERCHANGEABLE HEAD



| | |
|---|---|
| **Pieces** | 5 |
| **Material** | CrV, Acero al carbono/Carbon steel |
| **Weight** | 1,55Kg |
| **Dimensions (LxWxH)** | 320x135x49mm |

## 54392

1.855,00€

24.25 | - | 1 | 4

# GDI / EFI INJECTOR CLEANER AND TESTER

| | |
|---|---|
| **Working voltage** | 220V (50/60Hz) |
| **Ultrasound power** | 60W |
| **Operating pressure** | 0,1-10BAR |
| **Maximum air pressure** | 5-8BAR |
| **Operating temperature** | -10~40°C |
| **Weight** | 18,50Kg |
| **Dimensions (LxWxH)** | 490x545x570mm |

VIDEO TUTORIAL




## 54826

162,00€

7.00 | - | 1 | 24

NEW

# TURBO PRESSURE TESTING SET

| | |
|---|---|
| **Pieces** | 17 |
| **Adapters** | 38/31, 46/51, 55/60, 65/70, 75/80, 85/90, 95/100, 105/110mm |
| **Maximum pressure** | 80PSI |
| **Weight** | 7,00Kg |
| **Dimensions (LxWxH)** | 580x480x130mm |



## 54391

221,00€

3.05 | - | 2 | 36

# DIESEL INJECTOR NOZZLE TESTER



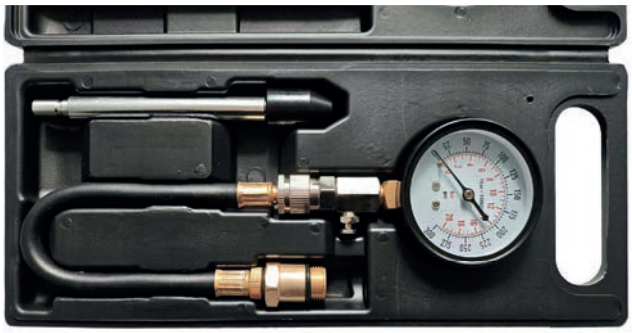
| | |
|---|---|
| **Measuring range** | 0-60MPa |
| **Connectors** | M12(x1), M14(x2) |
| **Weight** | 3,05Kg |
| **Dimensions (LxWxH)** | 460x270x200mm |

## 52488

28,00€

0.65 | - | 20 | 240

# PETROL COMPRESSION TESTER SET



| | |
|---|---|
| **Pieces** | 2 |
| **Operating pressure** | 0-21BAR |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 325x135x50mm |

## 53997

48,00€

1.40 - 5 150

# PETROL FUEL INJECTION PRESSURE TESTER SET



| | |
|---|---|
| **Pieces** | 10 |
| **High-pressure hose length** | 1100mm |
| **Pressure gauge o Manometer** | 0-10BAR |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 320x260x60mm |

## 54373

395,00€

5.40 - 2 50

# HIGH PRESSURE COMMON RAIL GAUGE SET

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 32 |
| **Brands** | Multimarca/Multi-brand |
| **Measures** | 14, 17, 19mm |
| **Adapters** | M12x1,25, M14x1,25, M12x1,5, M14x1,5 |
| **Operating pressure** | 0-1300BAR |
| **Weight** | 5,40Kg |
| **Dimensions (LxWxH)** | 448x115x302mm |

## 52599

230,00€

4.00 - 5 60

# PETROL PRESSURE TESTER SET



| | |
|---|---|
| **Pieces** | 39 |
| **Brands** | Multimarca/Multi-brand |
| **Operating pressure** | 0-10BAR |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 410x100x290mm |

## 54312

194,00€

4.50 - 4 40

# DIESEL COMPRESSION TESTER SET



| | |
|---|---|
| **Pieces** | 43 |
| **Brands** | Multimarca/Multi-brand |
| **Measures** | 10,12,14,18mm |
| **Adapters** | M22, M20, M24 |
| **Operating pressure** | 0-48,3BAR |
| **Weight** | 4,50Kg |
| **Dimensions (LxWxH)** | 430x370x105mm |

## 53490

275,00€

5.50 | - | 2 | 40

### PETROL AND DIESEL COMPRESSION TESTER SET



| | |
|---|---|
| **Pieces** | 44 |
| **Brands** | Multimarca/Multi-brand |
| **Measures** | Bujía/Spark plug: 10,12,14,18mm |
| **Operating pressure** | 0-42BAR |
| **Weight** | 5,50Kg |
| **Dimensions (LxWxH)** | 500x360x100mm |

## 52489

58,00€

2.15 | - | 6 | 180

### DIESEL COMPRESSION TESTER



| | |
|---|---|
| **Pieces** | 19 |
| **Operating pressure** | 0-69BAR |
| **Weight** | 2,15Kg |
| **Dimensions (LxWxH)** | 395x317x81mm |

## 52685

92,00€

3.45 | - | 6 | 144

### DIESEL COMPRESSION TESTER SET FOR TRUCKS



| | |
|---|---|
| **Pieces** | 18 |
| **Operating pressure** | 0-70BAR |
| **Weight** | 3,45Kg |
| **Dimensions (LxWxH)** | 400x320x80mm |

## 52813

79,00€

2.23 | - | 5 | 135

### SET OF 17 DIESEL INJECTOR SEAT CUTTER



| | |
|---|---|
| **Pieces** | 17 |
| **Brands** | MultiMarca/Multi-brand |
| **Material** | 35CrMo |
| **Weight** | 2,23Kg |
| **Dimensions (LxWxH)** | 307x225x65mm |

## 52273

44,00€

1.40 | - | 5 | 195

### SET OF 8 DIESEL INJECTOR SEAT CUTTER



| | |
|---|---|
| **Pieces** | 8 |
| **Brands** | Multimarca/Multi-brand |
| **Material** | 35CrMo |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 287x205x63mm |

## 55013

84,00€

2.66 | - | 3 | 72

NEW

### LEAK DETECTION KIT FOR TURBOCHARGING SYSTEMS WITH PRESSURE GAUGE



| | |
|---|---|
| **Pieces** | 9 |
| **Operating pressure** | 0-86 PSI (0-6 BAR) |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 380x300x70mm |

## 53489

68,00€

0.70 | 5 | 10 | 260

### TURBO PRESSURE GAUGE



| | |
|---|---|
| **Pieces** | 2 |
| **Operating pressure** | 0,75-3BAR |
| **High-pressure hose length** | 2m |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 260x170x60mm |

## 53426

39,80€

0.90 | 4 | 16 | 224

### VACUUM AND FUEL PUMP TESTER



| | |
|---|---|
| **Pieces** | 9 |
| **Vacuum level** | 0-0,7Kg/cm2 (0-10PSIG) / 0-28inHg (0-70cmHg) |
| **Weight** | 0,90Kg |
| **Dimensions (LxWxH)** | 198x150x200mm |

## 54590

108,00€

1.43 | - | 5 | 75

### DIESEL FUEL SYSTEM BLEEDING KIT



| | |
|---|---|
| **Pieces** | 12 |
| **Brands** | Multimarca/Multi-brand |
| **Compatible with** | Inyectores Diesel/Diesel injectors |
| **Weight** | 1,43Kg |
| **Dimensions (LxWxH)** | 326x70x414mm |

## 52789

15,20€

0.15 | 6 | 24 | 192

### EMERGENCY FUEL TRANSFER PUMP



| | |
|---|---|
| **Supply hose length** | 900mm |
| **Suction hose length** | 900mm |
| **Material** | 0,15Kg |
| **Weight** | PVC |

## 52801

26,00€

0.10 | 5 | 50 | 600

### DIESEL PUMP PRIMING TOOL



| | |
|---|---|
| **Brands** | Multimarca/Multi-brand |
| **Compatible with** | Inyectores Diesel/Diesel injectors |
| **Weight** | 0,10Kg |
| **Lenght** | 340mm |

## 52821 — 29,50€

0.24 | 6 | 96 | -

### DOUBLE OPEN END SPANNER FOR DIESEL INJECTOR PIPES



| | |
|---|---|
| **Material** | CrV |
| **Compatible with** | Inyectores Diesel/Diesel injectors |
| **Weight** | 0,24Kg |
| **Lenght** | 290mm |

## 53330 — 38,50€

0.75 | - | 20 | 144

### VE PUMP SOCKET SET



| | |
|---|---|
| **Pieces** | 5 |
| **Diameter** | 1/2", 1/4" |
| **Weight** | 0,75Kg |
| **Dimensions (LxWxH)** | 180x130x55mm |

## LETTERS AND NUMBERS

They allow numerical or alphabetical marking of all types of metal surfaces by pressing or tapping. The rounded finish of its end avoids the appearance of cracks or breaks in the worked surface.

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52422 | STEEL STAMPING LETTER&NUMBER SET 5MM | 0.82 | 4 | 16 | 540 | 24,70€ |
| 53119 | STEEL STAMPING LETTER&NUMBER SET 8MM | 1.94 | 3 | 6 | 504 | 55,00€ |
| 52882 | PUNCHES OF NUMBER SET 6MM | 0.30 | 10 | 60 | 1500 | 14,00€ |



52422



53119




52882

## 51120 — 41,00€

2.10 | - | 5 | 200

### VALVE SPRING COMPRESSOR SET

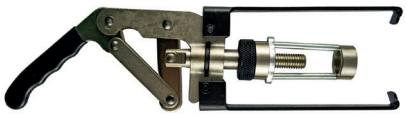


| | |
|---|---|
| **Pieces** | 6 |
| **Adapters** | 16, 19, 23, 25, 30mm |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 450x340x22mm |

## 52693 — 26,50€

0.65 | 5 | 20 | 450

### VALVE SPRING COMPRESSOR REMOVAL TOOL



| | |
|---|---|
| **Compatible with** | OHV, OHC, CHV |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 390x110x30mm |

## 52734 — 53,00€

2.61 | - | 5 | 185

### VALVE SPRING COMPRESSOR 35-142MM



| | |
|---|---|
| **Opening** | 35-142mm |
| **Weight** | 2,50Kg |
| **Dimensions (LxWxH)** | 400x300x30mm |

## 54772 — 55,00€

1.10 | 5 | 10 | 200

NEW

### VALVE KEEPER REMOVER AND INSTALLER KIT



| | |
|---|---|
| **Pieces** | 2 |
| **Magnetic** | Si/Yes |
| **Weight** | 1,08Kg |
| **Dimensions (LxWxH)** | 176x61x51mm |

## 54525 — 77,00€

1.92 | - | 5 | 120

### ENGINE CYLINDER HONE TOOL



| | |
|---|---|
| **Pieces** | 7 |
| **Measures** | 2" - 7", 1-1/4" - 3-1/2", 1" - 2-3/4", 3/4"-2" |
| **Weight** | 1,50Kg |

## BRAKE CYLINDER HONES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52591 | BRAKE CYLINDER HONE 1 - 1/8" | 0.10 | 12 | 72 | 1728 | 12,00€ |
| 52592 | BRAKE CYLINDER HONE - 3 ARMS 2" (35-85MM) | 0.20 | - | 20 | 480 | 22,00€ |
| 52593 | BRAKE CYLINDER HONE - 3 ARMS 4" (55-170MM) | 0.47 | 6 | 36 | 540 | 34,00€ |

52591

SPARE PARTS AVAILABLE



52592

SPARE PARTS AVAILABLE



52593

SPARE PARTS AVAILABLE



## PISTON RING PLIERS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 54273 | PISTON RING PLIERS 40-100MM | 0.30 | 6 | 30 | - | 12,00€ |
| 54274 | PISTON RING PLIERS 80-120MM | 0.35 | 6 | 30 | - | 13,00€ |
| 54275 | PISTON RING PLIERS 100-160MM | 0.40 | 6 | 30 | - | 15,50€ |



54273



54274



54275

## 53251 — 94,00€

2.80 | - | 4 | 60

### PISTON RING COMPRESSION SET




SPARE PARTS AVAILABLE

| | | | | | |
|---|---|---|---|---|---|
| A | x1 | H:3" Ø 53 - 125mm (75mm) | E | x1 | 1.2 - 5.5mm |
| B | x1 | H:4" Ø 90 - 175mm (90mm) | F | x1 | PH2, SL5.5 |
| C | x1 | H:6" Ø 90 - 175mm (100mm) | G | x2 | 6 in 1 |
| D | x1 | 50 - 100mm | H | x3 | 6mm |

## 52696 — 12,00€

0.20 | 5 | 40 | 1200

### PISTON RING COMPRESSOR 3"



## 52697 — 16,00€

0.46 | 5 | 40 | 400

### PISTON RING COMPRESSOR 6"

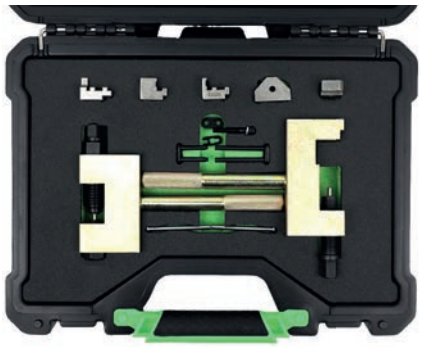


## 54318 — 115,00€

3.15 | - | 5 | 120

### TIMING CHAIN RIVETING TOOL

| | |
|---|---|
| APPLICATIONS | **CHRYSLER**<br>**JEEP**<br>**MERCEDES** |
| OEM TOOLS | 103589016300, 112589026300, 602589003900, 602589023300, 602589046301 |



## 53662 — 89,00€

1.78 | - | 5 | 100

### COMBUSTION GAS LEAK DETECTOR SET

VIDEO TUTORIAL

SPARE PARTS AVAILABLE

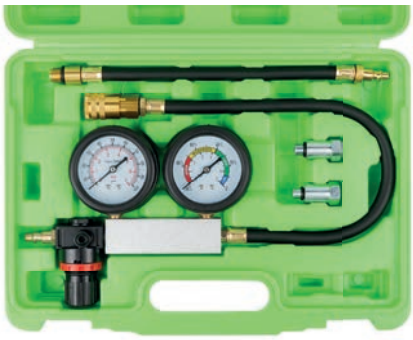


| | |
|---|---|
| **Pieces** | 9 |
| **Capacity** | 200-250ml |
| **Adapters** | Pequeño/Small, Mediano/Medium, Grande/Large |
| **Brands** | Multimarca/Multi-brand |
| **Weight** | 1,78Kg |
| **Dimensions (LxWxH)** | 400x260x75mm |

## 54347 — 49,00€

2.00 | - | 5 | 110

### CYLINDER LEAKAGE TESTER SET



| | |
|---|---|
| **Pieces** | 4 |
| **Adapters** | M10x1.0, M12x25, M14x1.2 |
| **Air intake** | 1/4" |
| **Operating pressure** | 6,5BAR |
| **Weight** | 2,00Kg |
| **Dimensions (LxWxH)** | 340x80x240mm |

## 52754 — 54,00€

1.25 | - | 5 | 160

### OIL COMPRESSION TESTER SET



| | |
|---|---|
| **Pieces** | 12 |
| **Measuring range** | 1-10BAR |
| **Weight** | 1,25Kg |
| **Dimensions (LxWxH)** | 330x260x60mm |

## 54956 — 98,00€

2.60 | - | 5 | 125

NEW

### OIL PRESSURE GAUGE SET



| | |
|---|---|
| **Pieces** | 23 |
| **Maximum pressure** | 6,90-27,58BAR |
| **Weight** | 3,00Kg |
| **Dimensions (LxWxH)** | 340x220x90mm |

## 52076 — 111,00€

0.85 | - | 10 | 36

### GLOW PLUG THREAD REPAIR SET

| | | | |
|---|---|---|---|
| x2 | Insertion tools | x1 | Thread insertion rod |
| x1 | Handle for piece | x1 | M14x1.25 |
| x5 | M8x1.0 | x1 | M12x1.25 |
| x5 | M10x1.0 | x1 | M12x1.0 |
| x5 | M10x1.25 | x1 | M10x1.25 |
| x5 | M12x1.25 | x1 | M10x1.0 |
| x3 | Insertion heads | x1 | M8x1.0 |

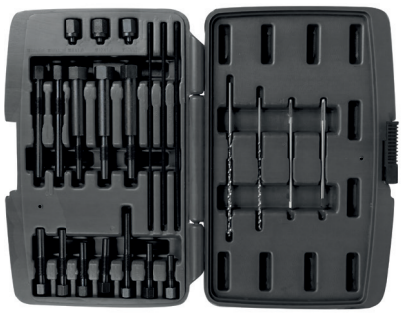


SPARE PARTS AVAILABLE

## 52815 — 110,00€

0.95 | - | 5 | 280

### GLOW PLUG ELECTRODE REMOVAL TOOL SET



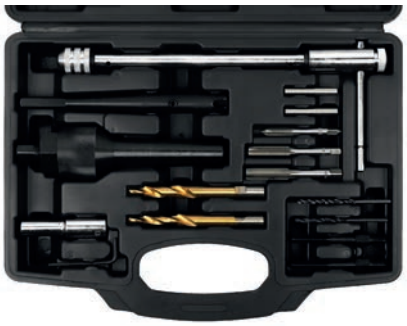
| | | | |
|---|---|---|---|
| | x2 | M8x1.0 | |
| | x2 | M10x1.0 | |
| | x2 | M10x1.25 | |
| | x1 | M8x1.0 | |
| | x1 | M10x1.0 | |
| | x1 | M10x1.25 | |
| | x1 | M8x1.0 | |
| | x1 | M10x1.0 | |
| | x1 | M10x1.25 | |

| | | |
|---|---|---|
| | x1 | ø2.5x120mmL |
| | x1 | ø3.3x140mmL |
| | x1 | M3x0.5x100mmL |
| | x1 | M4x0.7x100mmL |
| | x1 | M3x0.5x180mmL |
| | x2 | M4x0.7x180mmL |
| | x3 | |

## 52305 — 106,00€

1.79 | - | 10 | 180

### GLOW PLUG REMOVAL SET



| | | | |
|---|---|---|---|
| x2 | M8x1.0 | x1 | ø2.5x120mmL |
| x2 | M10x1.0 | x1 | ø3.3x140mmL |
| x2 | M10x1.25 | x1 | M3x0.5x100mmL |
| x1 | M8x1.0 | x1 | M4x0.7x100mmL |
| x1 | M10x1.0 | x1 | M3x0.5x180mmL |
| x1 | M10x1.25 | x2 | M4x0.7x180mmL |
| x1 | M10x1.25 | | |

## 54874 — 13,00€

0.20 | 10 | 40 | 720

NEW

### VAG DSG 7 MECHATRONICS UNIT EXTRACTOR



| | |
|---|---|
| **Pieces** | 1 |
| **Brands** | VAG |
| **Material** | Acero/Steel |
| **Weight** | 0,20Kg |
| **Dimensions (LxWxH)** | 240x95x20mm |

## 54800 — 17,50€

0.60 | 10 | 20 | 560

NEW

### CRANKSHAFT PULLEY TOOL FOR HONDA AND ACURA - 1/2"



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | Cr-Mo |
| **Diameter** | 50mm ~ 1/2" |
| **Weight** | 1,00Kg |
| **Dimensions (LxWxH)** | 120x70x53mm |

## 54845 — 10,00€

0.59 | 12 | 72 | 864

NEW

### ELASTIC BELT INSTALLATION TOOL FOR PSA



| | |
|---|---|
| **Pieces** | 1 |
| **Brands** | PSA |
| **Weight** | 0,07Kg |

## 54971 — 18,50€

0.37 | 10 | 20 | 2500

NEW

### BMW N20/N26 FLYWHEEL LOCKING TOOL



| | |
|---|---|
| **Pieces** | 1 |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 110x42x40mm |

## 51927 — 25,00€

0.65 | - | 20 | 800

### AUXILIARY STRETCH BELT REMOVAL/ INSTALLATION TOOLS

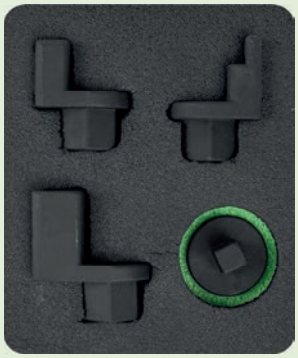


## 54890 — 23,00€

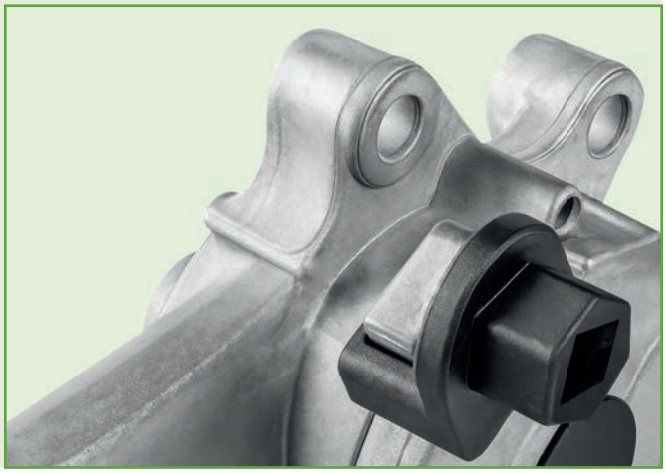
0.18 | 10 | 50 | 1800

NEW

### BELT TENSIONER ADAPTER SET



| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 0,18Kg |
| **Dimensions (LxWxH)** | 85x75x65mm |



## 53637 — 85,00€

1.40 | - | 5 | 40

### CYLINDER HEAD COMPONENTS ORGANIZER



| | |
|---|---|
| **Pieces** | 1 |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 450x400x104mm |

## 52850 — 7,80€

0.11 | 6 | 72 | 576

### SET OF 2 VALVE GRINDERS



| | |
|---|---|
| **Pieces** | 2 |
| **Material** | Madera/Wood, Goma/Rubber |
| **Diameter** | 3,49-2,86mm/1,59-2,06mm |
| **Weight** | 0,11Kg |

## 52690 — 56,00€

1.54 | - | 10 | 280

### SERPENTINE BELT TOOL SET




| | | | |
|---|---|---|---|
| **A** | x4 | | 13, 15, 16, 18mm |
| **B** | x3 | | 13, 14, 15mm |
| **C** | x1 | **1/2"** | 230mm |
| **D** | x1 | **3/8"** | 585mm |

## 52832 — 75,00€

1.25 | - | 10 | 150

### V-BELT TIMING BELT WRENCH SET 12-POINT INTERCHANGEABLE HEAD




| | | |
|---|---|---|
| **A** | x8 | 12, 13, 14, 15, 16, 17, 18, 19mm |
| **B** | x1 | 450mm |
| **C** | x1 | 50mm |

## 54951 — 159,00€

4.80 | - | 4 | 112

NEW

### MULTIAIR VALVE SPRING COMPRESSOR KIT



| | |
|---|---|
| **Pieces** | 17 |
| **Weight** | 4,60Kg |
| **Dimensions (LxWxH)** | 490x150x90mm |

## 53572 — 348,00€

1.90 | 5 | 11 | 75

### AIR VALVE LAPPER SET - PERCUSSION AND ROTATION

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 12 |
| **RPM (Revolutions per minute)** | 800 |
| **Air intake** | 1/4" |
| **Real air consumption** | 1,80CFM (51L/min) |
| **Weight** | 1,90Kg |
| **Dimensions (LxWxH)** | 283x87x70mm |

## 54033 — 49,00€

0.30 | 5 | 20 | 720

### VALVE LAPPING TOOL FOR DRILL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 6 |
| **Diameter** | 16, 20, 30, 35, 40mm |
| **RPM (Revolutions per minute)** | 1250 |
| **Weight** | 0,30Kg |
| **Lenght** | 128mm |

## 53249

192,00€

2.65 | - | 5 | 50

### AUTOMOTIVE ELECTRONIC STETHOSCOPE

| | |
|---|---|
| **Pieces** | 11 |
| **Audio probe length** | 140mm |
| **Battery** | 9V |
| **Number of sensors** | 6 |
| **Suitable for connectors** | 3,5mm |
| **Adjustable microphone length** | 210mm |
| **Sensor cable length** | 4,8m |
| **Weight** | 2,65Kg |
| **Dimensions (LxWxH)** | 410x360x110mm |



## 51347

9,90€

0.14 | 5 | 50 | 600

### TECHNICIAN'S STETHOSCOPE



ADDITIONAL INFORMATION

## 52190

8,00€

0.39 | - | 10 | 1000

### CLUTCH TOOL SPECIALLY FOR FIAT



ADDITIONAL INFORMATION

## 52495

14,50€

0.25 | - | 48 | 384

### UNIVERSAL PLASTIC CLUTCH ALIGNMENT TOOL



ADDITIONAL INFORMATION

## 53410

92,00€

1.60 | - | 5 | 240

### UNIVERSAL CLUTCH ALIGNING SET



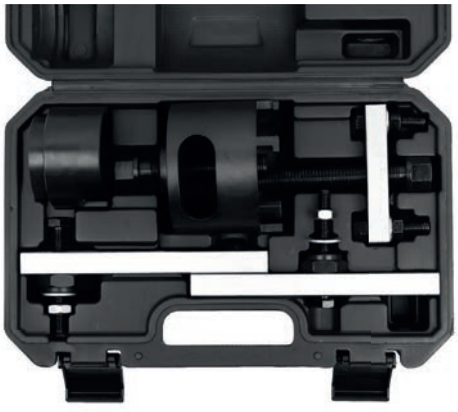
| | |
|---|---|
| **Pieces** | 11 |
| **Brands** | Multi-marca/Multi-brand |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 275x60x215mm |

## 53057

149,00€

5.55 | - | 2 | 120

### DSG CLUTCH TOOL SET - VAG



| | |
|---|---|
| **Pieces** | 5 |
| **Compatible with** | GOLF (2004), GOLF PLUS (2005), AUDI A3 (2004), TOUAREG (2003) |
| **Weight** | 5,55Kg |
| **Dimensions (LxWxH)** | 315x200x110mm |

## 53001

242,00€

9.05 - 1 40

# CLUTCH COMPRESSOR MASTER SET

| | |
|---|---|
| x1 | Clutch Pretensioner |
| x1 | 3-hole center |
| x1 | Reset tool |
| x1 | Centering set |
| x1 | 4 hole center |

VW, AUDI, BMW, MERCEDES, VOLVO, RENAULT, OPEL



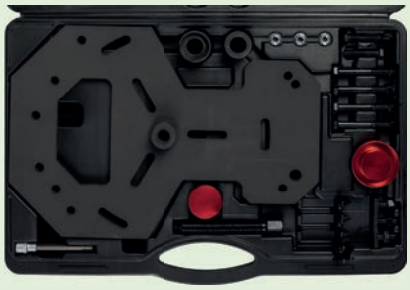
## 54828

205,00€

9.70 - 1 48

NEW

# DOUBLE CLUTCH EXTRACTOR SET FOR FORD



| | |
|---|---|
| **Pieces** | 12 |
| **Brands** | FORD |
| **Material** | Acero al carbono/Carbon Steel |
| **Weight** | 9,70Kg |
| **Dimensions (LxWxH)** | 530x355x105mm |

## 54824

129,00€

3.70 - 5 100

NEW

# CLUTCH CENTERING TOOL FOR TRUCKS (36-52MM)



| | |
|---|---|
| **Pieces** | 7 |
| **Range** | 36-52mm |
| **Material** | Acero al carbono/Carbon steel |
| **Weight** | 3,70Kg |
| **Dimensions (LxWxH)** | 350x270x65mm |

## 52963

49,00€

0.28 5 20 500

# UNIVERSAL REFRACTOMETER FOR GLYCOLS, ANTIFREEZE, UREA, AND BATTERY LIQUIDS



Ethylene glycol: -50°c ~ -0°c.
Propylene glycol: -50°c ~ -0°c.
Cleaning fluid: -40°c ~ -0°c.
UREA AUS32: - 30% ~ 35%.
Battery: - 1.100 - 1.400 sg/l.

| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 0,28Kg |
| **Dimensions (LxWxH)** | 205x85x55mm |

## 53477

39,50€

0.80 - 10 220

# SET OF 8 HOSE LOCKING PLIERS SET



| | |
|---|---|
| **Pieces** | 8 |
| **Diameter** | 8, 10, 13mm |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 265x210x60mm |

## 52066 — 12,00€

| 0.28 | 5 | 40 | 560 |
|---|---|---|---|

### SET OF 3 HOSE CLAMPS

| | | |
|---|---|---|
| A | x1 | 0-70mm |
| B | x1 | 0-35mm |
| C | x1 | 0-20mm |

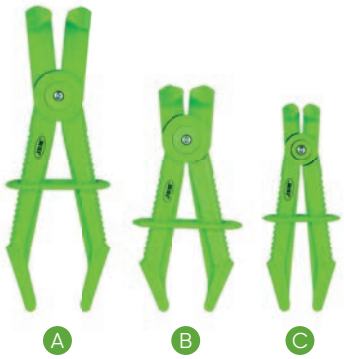



## 53395 — 16,00€

| 0.30 | 5 | 20 | 240 |
|---|---|---|---|

### SET OF 3 FLEXIBLE HOSE CLAMPS WITH ANGLED JAWS

| | | |
|---|---|---|
| A | x1 | 0 - 35mm |
| B | x1 | 0 - 20mm |
| C | x1 | 0 - 13mm |




## 54591 — 58,00€

| 1.43 | - | 5 | 160 |
|---|---|---|---|

### WATER PUMP TESTER

| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 1,43Kg |
| **Dimensions (LxWxH)** | 350x25x65mm |



## 52687 — 168,00€

| 6.70 | - | 1 | 42 |
|---|---|---|---|

### SET OF 24 COOLING SYSTEM PRESSURE LEAKAGE TESTERS

| | |
|---|---|
| 1 | Pressure pump with discharge valve |
| 2A | Connector 1: Coupling for No.3(R123) and No.4 (R124) |
| 2B | Connector 2: Coupling for No. 3(R123) and No. 5(R125) |
| 3 | Mercedes (W123, W126, W124, W201), GM(Buick), Jeep |
| 4 | Peugeot, Subaru, Chrysler, Acura, GM, Mitsubishi, Nissan, Mazda, Toyota, Infiniti, GEO, Suzuki, Isuzu, Mercedes |
| 5 | Honda, Toyota, Suzuki, Mitsubishi, Chrysler, Acura |
| 6 | Mercedes Benz (ML, W163, W164), GM (Achiva, Skylark, Grand Am 1992~2002) |
| 7 | Volvo, Saab, Sterling, Citroën, Renault, Fiat, Alfa, Jeep |
| 8 | VW(Vento, T4, Passat-1996, Golf, Beetle, Sharan) |
| 9 | Audi(A4, A5, A6), BMW 345, VW (Passat - 1997~2002), Porsche(Cayenne) |
| 10 | BMW (E46, E36, E34, E39, E38, E32, E90) |
| 11 | Audi, VW |
| 12 | Internacional, Land Rover, Jaguar |
| 13 | Mercedes (C, E, S, W140, W220, W124, W210, W211, W215, W216, W221, R230) |
| 14 | Ford Focus |
| 15 | Mazda(M3) |
| 16 | Mercedes clase A (W168) |
| 17 | BMW E60, E63, E64, E65 |
| 18 | VW SHARAN 1.8T 2.8 |
| 19 | TOYOTA-RAV4, PREVIA Universal rubber adapter for drain and fill radiators |
| 20 | SAAB |
| 21 | LAND ROVER |
| 22 | Kia |
| 23 | Hunday |



## 54957 — 99,00€

2.32 | - | 10 | 80

NEW

### COOLING SYSTEM FILLER TOOL



| | |
|---|---|
| **Pieces** | 9 |
| **Maximum pressure** | 6.2 BAR |
| **Hose length** | 1.3M |
| **Weight** | 0,60Kg |
| **Dimensions (LxWxH)** | 240x217x120mm |

## 54861 — 159,00€

1.65 | - | 2 | 40

NEW

### TRUCK COOLING SYSTEM TESTER



| | |
|---|---|
| **Pieces** | 9 |
| **Brands** | DAF-IVECO, MAN-RENAULT, VOLVO-SCANIA |
| **Weight** | 1,65Kg |
| **Dimensions (LxWxH)** | 450x330x120mm |

## 55007 — 58,00€

1.44 | - | 10 | 80

NEW

### COOLING SYSTEM VACUUM PURGE & REFILL KIT



| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 380x320x70mm |

## 54139 — 147,00€

3.15 | - | 5 | 80

### UNIVERSAL COOLING SYSTEM PRESSURE LEAK TESTER



| | |
|---|---|
| **Pieces** | 5 |
| **Operating pressure** | 0-2,5BAR |
| **Weight** | 3,15Kg |
| **Dimensions (LxWxH)** | 445x90x290mm |

## 53453 — 7,00€

0.10 | 24 | 96 | 384

### ANTIFREEZE TESTER



| | |
|---|---|
| **Pieces** | 1 |
| **Measuring range** | 43/125°C |
| **Weight** | 0,10Kg |

**54565** 2.268,00€

66.50 | - | 1 | 1

## COOLANT FLUID EXCHANGE MACHINE

| | |
|---|---|
| **New tank pressurization range** | 0,85-1,5BAR |
| **Maximum vacuum capacity** | -20InHg |
| **Recommended new coolant volume** | 12L |
| **Suction hose length** | 2,7m |
| **Operating pressure** | 5-10BAR |
| **Weight** | 43,00Kg |
| **Dimensions (LxWxH)** | 630x480x1340mm |







VIDEO TUTORIAL

SPARE PARTS AVAILABLE

**16309** 149,00€

1.40 | - | 1 | -

## SET OF 2 HIGH AND LOW PRESSURE HOSES OF 5 METER LONG



**53499** 29,00€

0.20 | 15 | 60 | 1440

## 1234YF GAS ADAPTER (HIGH)



**53500** 29,00€

0.20 | 15 | 60 | 2400

## 1234YF GAS ADAPTER (LOW)



**53456** 98,00€

2.90 | - | 5 | 75

## AIR CONDITIONING DIAGNOSTIC GAUGE SET - COMPATIBLE WITH R134A

| | |
|---|---|
| **Pieces** | 9 |
| **Union thread** | 7/16x20UNF |
| **Operating pressure** | 0-24, 0-34BAR |
| **High-capacity hose length** | 1550mm |
| **Weight** | 2,90Kg |
| **Dimensions (LxWxH)** | 305x305x95mm |



SPARE PARTS AVAILABLE

## 55085

4.780,00€

88.00 | - | 1 | 1

NEW

### AIR CONDITIONING CHARGING MACHINE

| | |
|---|---|
| **Power** | 700W |
| **Compressor power** | 3-8HP |
| **Recovery percentage** | 95% |
| **Screen** | 7" Táctil / 7" Touchscreen |
| **Refrigerant charging rate** | 2Kg/min (máx.) |
| **Vacuum pump capacity** | 60L/min |
| **Refrigerant tank capacity** | 10L |
| **New oil capacity** | 250ml |
| **Used oil capacity** | 400ml |
| **Operating temperature** | 0-50ºC |
| **Maximum pressure** | 20BAR |
| **Power supply** | 220V+-10%, 50/60Hz |
| **Type of coolant** | R134A/R1234YF |
| **Weight** | 88,00Kg |
| **Dimensions (LxWxH)** | 660x583x1058mm |




SPARE PARTS AVAILABLE

## 53539

69,00€

1.42 | - | 5 | 120

### AIR CONDITIONING LEAK DETECTION SET

| | |
|---|---|
| x1 | UV Lamp |
| x1 | UV vision goggles |
| x1 | Batteries rechargeable |
| x1 | Syringe fluid insertion |
| x1 | Quick Adapter |
| x1 | Extension adapter |
| x1 | Charger |



SPARE PARTS AVAILABLE

## 16316

18,50€

0.30 | - | 12 | 1728

### UNIVERSAL PAG OIL FOR AIR CONDITIONING SYSTEMS 250ML




| | |
|---|---|
| **Capacity** | 250ml |
| **Operating temperature** | -30/50ºC |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 50x50x160mm |

## 12977

36,50€

0.33 | 40 | 160 | 480

### FLUID DETECTOR LEAKS FOR AIR CONDITIONING SYSTEM 250ML




| | |
|---|---|
| **Capacity** | 250ml |
| **Weight** | 0,33Kg |
| **Dimensions (LxWxH)** | 175x100x55mm |

## 54523

26,50€

| 1.95 | - | 5 | 150 |
|---|---|---|---|

# AIR CONDITIONING COMPRESSOR CLUTCH REMOVER SET

| | |
|---|---|
| **Pieces** | 12 |
| **Weight** | 1,95Kg |
| **Dimensions (LxWxH)** | 310x250x55mm |



## 54536

152,00€

| 1.65 | - | 10 | 110 |
|---|---|---|---|

# ENDOSCOPE FOR AIR CONDITIONING CLEANING

| | |
|---|---|
| **Pieces** | 5 |
| **Screen** | 4,3" TFT LCD |
| **Power supply** | Batería/Battery 18650 |
| **Weight** | 1,65Kg |
| **Dimensions (LxWxH)** | 410x295x75mm |

VIDEO TUTORIAL



## 53459

66,00€

| 1.05 | - | 10 | 150 |
|---|---|---|---|

# FUEL AND AIR CONDITIONING HOSE LINE DISCONNECT SET

| **Clamps diameter** | |
|---|---|
| x6 | 8mm (5/16"), 9.5mm (3/8"), 13mm (1/2"), 16mm (5/8"), 19mm (3/4"), 22mm (7/8") |
| **Blocker diameter** | |
| x4 | 9.5 mm (3/8"), 16mm (5/8"), 13mm (1/2"), 19mm (3/4") |



## 53599

31,00€

| 0.16 | 10 | 100 | - |
|---|---|---|---|

# CAR AIR CONDITIONING SCHRADER VALVE CORE SET 134PCS

| | PCS |
|---|---|
| 5x19mm R12 | 50 |
| 5x19mm R12 | 30 |
| 5x19mm | 30 |
| 6x19mm | 3 |
| 6x26mm | 1 |

| | PCS |
|---|---|
| 7x20mm R134A | 10 |
| 6x22mm | 5 |
| 8x22mm | 1 |
| 9x22mm | 4 |



## 50807

38,00€

0.16 | 6 | 24 | 768

### AIR CONDITIONING RUBBER O-RING ASSORTMENT 270PCS

| | PCS | | PCS | | PCS |
|---|---|---|---|---|---|
| 5.29x1.78 | 20 | 8.80x1.90 | 20 | 13.95x2.62 | 10 |
| 6.07x1.78 | 20 | 10.82x1.78 | 15 | 14.0x2.0 | 10 |
| 6.8x1.9 | 20 | 10.77x2.62 | 15 | 15.0x2.0 | 10 |
| 7.65x1.78 | 20 | 11.0x2.0 | 15 | 17.0x2.0 | 10 |
| 7.80x1.90 | 20 | 12.0x2.0 | 15 | 17.17x1.78 | 10 |
| 8.0x2.0 | 20 | 13.9x1.80 | 10 | 17.04x3.53 | 10 |



### BIT SOCKET SETS 1/2" XZN TAMPERPROOF

| REF. | | | | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12029 | CrV | 1 PCS | | 1/2" | M16x58mm | 0.17 | 5 | 100 | 1500 | 5,50€ |
| 12030 | CrV | 1 PCS | | 1/2" | M16x100mm | 0.25 | 8 | 80 | - | 7,10€ |

12029



12030



## 54069

31,00€

0.20 | 10 | 40 | 480

### SET OF 14 STUD HUB CLEANERS



| | |
|---|---|
| **Pieces** | 14 |
| **Adapters** | 8mm |
| **Weight** | 0,20Kg |

## 54749

54,00€

0.55 | - | 30 | 480

### STUD AND HUB CLEANING SET

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 7 |
| **Adapters** | 50x12, 50x13, 50x14, 60x16, 60x22, 60x28mm |
| **Diameter** | 1/2" |
| **Weight** | 0,54Kg |

## 54384

35,00€

0.60 | 12 | 24 | 288

### WHEEL HUB CLEANER

| | |
|---|---|
| **Pieces** | 2 |
| **External diameter** | 150mm |
| **Internal diameter** | 90mm |
| **Maximum sweep speed** | 1500RPM |
| **Shaft diameter** | 1/2" |
| **Weight** | 0,60Kg |

SPARE PARTS AVAILABLE



## 51364 — 26,00€

2.00 | - | 5 | 300

### HOMOKINETIC JOINT PULLER



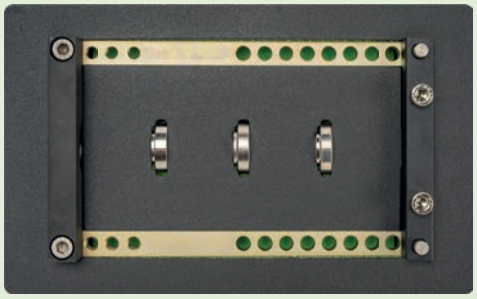
| | |
|---|---|
| **Width** | 45mm |
| **Maximum length** | 240mm |
| **Minimum length** | 140mm |
| **Weight** | 2,00Kg |

## 54894 — 62,00€

3.49 | - | 5 | 225

NEW

### CV JOINT PULLER FOR SUV - 4 PIECES



| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 3,60Kg |
| **Dimensions (LxWxH)** | 281x60x162mm |

## 52829 — 19,00€

0.45 | - | 10 | 140

### CV BOOT TOOL



| | |
|---|---|
| **External diameter** | 100mm |
| **Internal diameter** | 95mm |
| **Weight** | 0,45Kg |
| **Lenght** | 410mm |

## 51121 — 27,30€

1.80 | - | 5 | 375

### COIL SPRING COMPRESSOR SET



| | |
|---|---|
| **Pieces** | 2 |
| **Capacity** | 1T |
| **Opening** | 270mm |
| **Weight** | 1,80Kg |

## 52639 — 123,00€

5.05 | - | 4 | 96

### STEERING RACK KNUCKE TOOL SET




| | | |
|---|---|---|
| | x3 | Ø 30-35, 35-40, 40-45mm |
| | x1 | 1/2" |
| | x1 | 3mm |

## 51902 — 84,00€

4.90 | - | 1 | 54

### SUSPENSION ARM LEVER



SPARE PARTS AVAILABLE

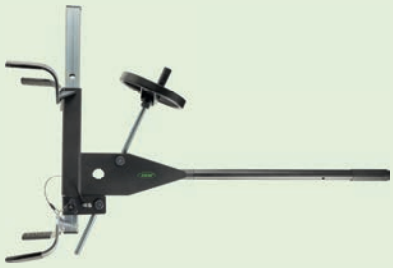
| | |
|---|---|
| **Lenght** | 1180mm |
| **Tube** | 35mm |
| **Weight** | 4,90Kg |
| **Dimensions (LxWxH)** | 1118x330x60mm |

## 54764 — 298,00€

10.00 | - | 1 | 15

NEW

### GAP CHECKER FOR SUSPENSION AND STEERING



VIDEO TUTORIAL

| | |
|---|---|
| **Pieces** | 1 |
| **Rim width** | 13-22" |
| **Material** | Acero/Steel |
| **Weight** | 12,5Kg |
| **Dimensions (LxWxH)** | 690x400x580mm |



## 50827 — 387,00€

32.90 | - | 1 | 18

### SPRING COMPRESSOR FOR DAMPENERS



SPARE PARTS AVAILABLE

VIDEO TUTORIAL

| | |
|---|---|
| **Capacity** | 1T |
| **Spring diameter** | 200mm |
| **Maximum height** | 500mm |
| **Weight** | 35,00Kg |
| **Dimensions (LxWxH)** | 350x190x830mm |

## 51991 — 68,00€

1.15 | - | 5 | 100

### WHEEL ALIGNMENT TOOL



| | |
|---|---|
| **Pieces** | 2 |
| **Opening** | 1100-1950mm |
| **Material** | Al, Fe |
| **Weight** | 1,15Kg |
| **Dimensions (LxWxH)** | 1105x225x30mm |

## 53118 — 231,00€

6.66 | - | 2 | 112

### SET OF 39 SHOCK ABSORBER TOOLS



| | |
|---|---|
| **Pieces** | 39 |
| **Material** | CRV 6140, CRMO SCM415, CRV 50BV30 |
| **Weight** | 6,66Kg |
| **Dimensions (LxWxH)** | 575x451x75mm |

## 52541 — 45,00€

2.10 | - | 10 | 110

### SUSPENSION WEAR INDICATOR



| | |
|---|---|
| **Weight** | 2,10Kg |
| **Dimensions (LxWxH)** | 550x420x60mm |

## 53742 — 1.325,00€

103.30 | - | 1 | 1

### NEUMATIC COIL SPRING COMPRESSOR 1T



VIDEO TUTORIAL

| | |
|---|---|
| **Capacity** | 1T |
| **Maximum working length** | 450mm |
| **Cylinder stroke length** | 420mm |
| **Spring diameter** | 102-165mm |
| **Maximum air pressure** | 8BAR |
| **Dimensions (LxWxH)** | 690x560x1410mm |
| **Weight** | 63,40Kg |

## 54963 — 2.190,00€

130.00 | - | 1 | 1

NEW

### NEUMATIC COIL SPRING COMPRESSOR 2T



| | |
|---|---|
| **Capacity** | 2T |
| **Maximum working length** | 450mm |
| **Cylinder stroke length** | 420mm |
| **Spring diameter** | 102-165mm |
| **Maximum air pressure** | 9BAR |
| **Dimensions (LxWxH)** | 1420x580x830mm |
| **Weight** | 80,50Kg |

## 53394 — 598,00€

29.70 | - | 1 | 18

### UNIVERSAL HEAVY DUTY COIL SPRING COMPRESSOR



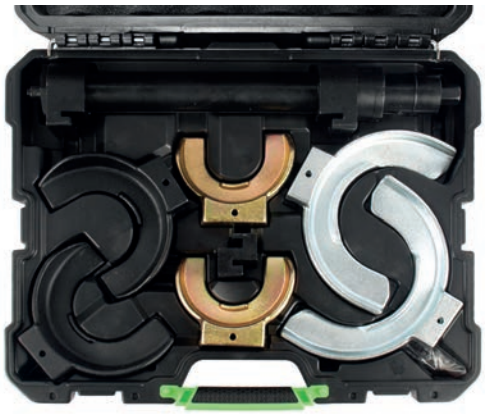
| | |
|---|---|
| **Pieces** | 7 |
| **Maximum load** | 10.200Nm |
| **Weight** | 29,70Kg |
| **Dimensions (LxWxH)** | 690x470x145mm |

**SUITABLE FOR USE WITH PNEUMATIC TOOLS**

## 52227 — 247,00€

15.10 | - | 1 | 44

### PROFESSIONAL MACPHERSON SPRING COMPRESSOR



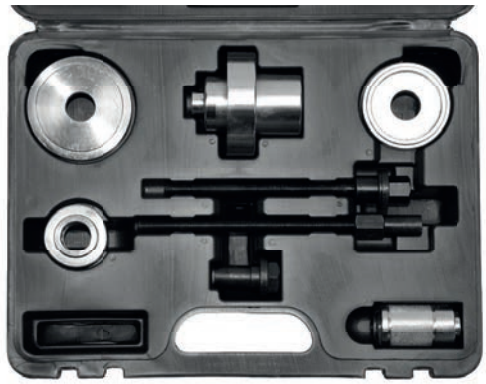
| | |
|---|---|
| **Pieces** | 8 |
| **Maximum load** | 2500Nm |
| **Weight** | 15,10Kg |
| **Dimensions (LxWxH)** | 530x445x130mm |

**DO NOT USE WITH AIR IMPACT WRENCH**

## 52270 — 117,00€

3.18 | - | 4 | 96

### SILENT BLOCK PULLER VAG

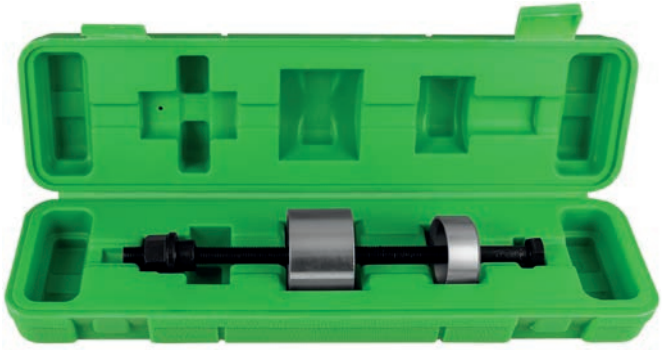


| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 3,18Kg |
| **Dimensions (LxWxH)** | 330x245x92mm |

## 52432 — 35,00€

1.80 | - | 5 | 270

### SUSPENSION BUSH TOOL SET VAG



| | |
|---|---|
| **Compatible with** | VW POLO 2002 |
| **Weight** | 1,80Kg |
| **Dimensions (LxWxH)** | 400x100x70mm |

## 55059 — 329,00€

22.80 | - | 1 | 20

NEW

### VAG WHEEL BEARING REMOVAL/INSTALLATION TOOL SET



| | |
|---|---|
| **Pieces** | 43 |
| **Weight** | 24,00Kg |
| **Dimensions (LxWxH)** | 600x485x107mm |

## 55054 — 57,50€

3.00 | - | 5 | 210

NEW

### FRONT SUSPENSION ARM SILENT BLOCK REMOVAL/INSTALLATION TOOL SET FOR VAG



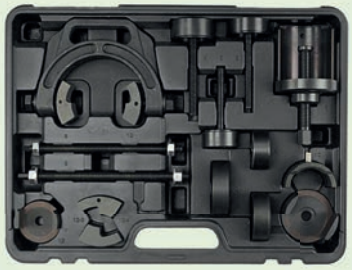
| | |
|---|---|
| **Pieces** | 5 |
| **Weight** | 3,50Kg |
| **Dimensions (LxWxH)** | 255x160x87mm |

## 55074 — 268,00€

11.70 | - | 1 | 36

NEW

### REAR SUSPENSION ARM SILENTBLOCK REMOVAL/INSTALLATION TOOL SET FOR TOYOTA



| | |
|---|---|
| **Pieces** | 16 |
| **Weight** | 12,50Kg |
| **Dimensions (LxWxH)** | 500x390x130mm |

## 55056 — 57,00€

3.20 | - | 10 | 240

NEW

### REAR SUBFRAME SILENT BLOCK REMOVAL/ INSTALLATION TOOL SET FOR RENAULT



| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 2,91Kg |
| **Dimensions (LxWxH)** | 330x250x95mm |

## 55006 — 77,00€

2.00 | - | 10 | 480

NEW

### FRONT SILENTBLOCK REMOVER/INSTALLER FOR TESLA 3



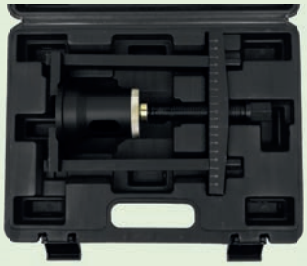
| | |
|---|---|
| **Pieces** | 3 |
| **Weight** | 1,90Kg |
| **Dimensions (LxWxH)** | 370x250x80mm |

## 55070 — 124,00€

6.20 | - | 2 | 80

NEW

### REAR CONTROL ARM SILENTBLOCK REMOVAL/INSTALLATION TOOL SET FOR HONDA



| | |
|---|---|
| **Pieces** | 1 |
| **Weight** | 6,10Kg |
| **Dimensions (LxWxH)** | 385x285x110mm |

## 55072 — 37,50€

1.80 | - | 5 | 200

NEW

### REAR AXLE SILENTBLOCK INSTALLATION TOOL SET FOR FIAT



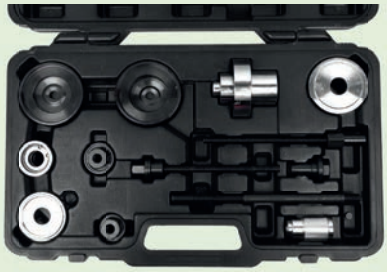
| | |
|---|---|
| **Pieces** | 7 |
| **Weight** | 1,80Kg |
| **Dimensions (LxWxH)** | 385x285x110mm |

## 55064 — 113,00€

5.80 | - | 2 | 64

NEW

### SILENTBLOCK BUSH REMOVAL TOOL SET FOR AUDI/VW



| | |
|---|---|
| **Pieces** | 13 |
| **Weight** | 5,85Kg |
| **Dimensions (LxWxH)** | 485x300x91mm |

## 55052 — 48,00€

2.50 | - | 5 | 210

NEW

### REAR AXLE SILENT BLOCK INSTALLATION TOOL SET FOR VW GOLF, AUDI A3



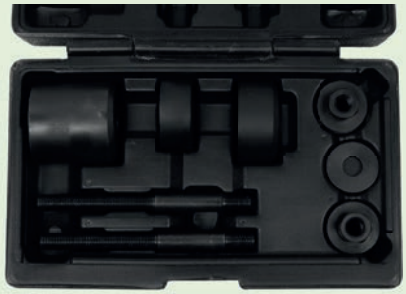
| | |
|---|---|
| **Pieces** | 5 |
| **Weight** | 2,40Kg |
| **Dimensions (LxWxH)** | 255x160x87mm |

## 55053 — 43,00€

1.60 | - | 10 | 160

NEW

### REAR SUSPENSION SILENT BLOCK REMOVAL/ INSTALLATION TOOL SET FOR OPEL/ VAUXHALL



| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 255x165x87mm |

## 54952 — 82,50€

6.10 | - | 2 | 72

NEW

### OPEL/VAUXHALL SILENT BLOCK EXTRACTOR/INSTALLER SET



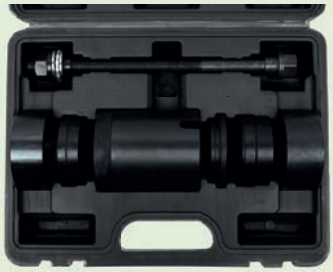
| | |
|---|---|
| **Pieces** | 6 |
| **Weight** | 5,50Kg |
| **Dimensions (LxWxH)** | 376x118x190mm |

## 55067 — 101,00€

5.00 | - | 2 | 96

NEW

### SUBFRAME SILENTBLOCK REMOVAL/ INSTALLATION TOOL SET FOR MERCEDES-BENZ



| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 5,00Kg |
| **Dimensions (LxWxH)** | 335x250x94mm |

## 54829 — 233,00€

23.00 | - | 1 | 35

NEW

### SILENT BLOCK INSTALLATION TOOL - SAF, MERCEDES



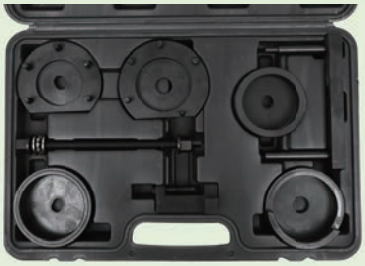
| | |
|---|---|
| **Pieces** | 10 |
| **Material** | Acero al carbono/Carbon Steel |
| **Weight** | 23,00Kg |
| **Dimensions (LxWxH)** | 550x380x300mm |

## 55075 — 108,50€

8.00 | - | 2 | 64

NEW

### TRANSMISSION MOUNT BUSH REMOVAL/ INSTALLATION TOOL SET FOR BMW



| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 8,00Kg |
| **Dimensions (LxWxH)** | 450x300x90mm |

## 55057 — 109,00€

6.60 | - | 2 | 80

NEW

### REAR SUBFRAME SILENTBLOCK REMOVAL/ INSTALLATION TOOL SET FOR BMW X5



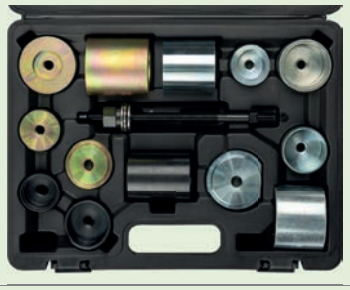
| | |
|---|---|
| **Pieces** | 6 |
| **Weight** | 6,65Kg |
| **Dimensions (LxWxH)** | 380x290x110mm |

## 55065 — 103,50€

6.40 | - | 2 | 80

NEW

### SILENTBLOCK AND BALL JOINT REMOVAL/ INSTALLATION TOOL SET FOR BMW



| | |
|---|---|
| **Pieces** | 14 |
| **Weight** | 6,50Kg |
| **Dimensions (LxWxH)** | 380x290x110mm |

## 55068 — 123,00€

6.70 | - | 2 | 48

NEW

### SUBFRAME SILENTBLOCK REMOVAL/ INSTALLATION TOOL SET FOR BMW



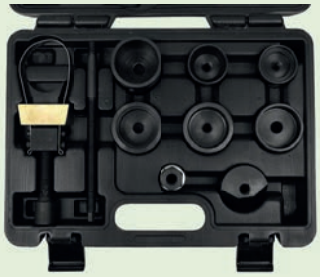
| | |
|---|---|
| **Pieces** | 11 |
| **Weight** | 6,70Kg |
| **Dimensions (LxWxH)** | 335x250x95mm |

## 55071 — 105,00€

3.95 | - | 4 | 96

NEW

### REAR CONTROL ARM SILENTBLOCK REMOVAL/INSTALLATION TOOL SET FOR BMW



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 3,95Kg |
| **Dimensions (LxWxH)** | 360x270x80mm |

## 55055 — 56,00€

3.10 | - | 5 | 160

NEW

### FRONT SUSPENSION SILENT BLOCK REMOVAL/INSTALLATION TOOL SET FOR BMW/MINI



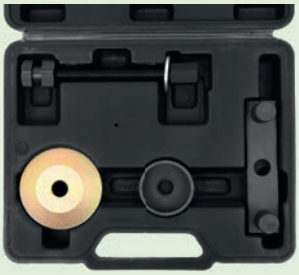
| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 3,10Kg |
| **Dimensions (LxWxH)** | 255x160x87mm |

## 55060 — 21,00€

1.10 | - | 10 | 360

NEW

### REAR ARM SILENT BLOCK REMOVAL/ INSTALLATION TOOL SET FOR FORD MONDEO



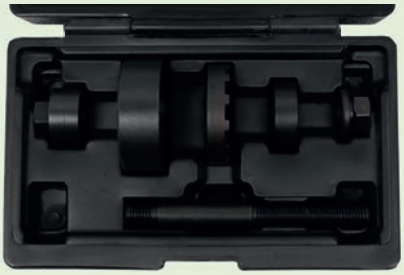
| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 1,10Kg |
| **Dimensions (LxWxH)** | 235x195x55mm |

## 55061 — 53,00€

1.60 | - | 10 | 160

NEW

### REAR SUBFRAME BUSHING REMOVAL/ INSTALLATION TOOL SET FOR FORD MONDEO



| | |
|---|---|
| **Pieces** | 6 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 255x160x87mm |

## 55062 — 50,00€

2.20 | - | 5 | 210

NEW

### REAR SUBFRAME SILENT BLOCK REMOVAL/ INSTALLATION TOOL SET FOR FORD FIESTA



| | |
|---|---|
| **Pieces** | 6 |
| **Weight** | 2,20Kg |
| **Dimensions (LxWxH)** | 255x160x87mm |

## 55063 — 127,00€

10.00 | - | 1 | 60

NEW

### FORD/LAND ROVER/VOLVO WHEEL BEARING REMOVAL/INSTALLATION TOOL SET



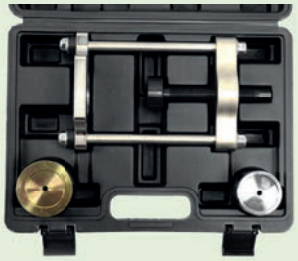
| | |
|---|---|
| **Pieces** | 19 |
| **Weight** | 10,00Kg |
| **Dimensions (LxWxH)** | 383x260x110mm |

## 55069 — 99,00€

6.20 | - | 2 | 80

NEW

### REAR SUBFRAME SILENTBLOCK REMOVAL/ INSTALLATION TOOL SET FOR FORD



| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 6,30Kg |
| **Dimensions (LxWxH)** | 385x285x110mm |

## 55073 — 62,00€

1.70 | - | 5 | 200

NEW

### REAR CAMSHAFT PULLEY REMOVAL/ INSTALLATION TOOL SET FOR FORD/MAZDA



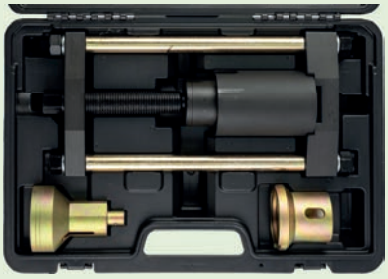
| | |
|---|---|
| **Pieces** | 6 |
| **Weight** | 3,95Kg |
| **Dimensions (LxWxH)** | 360x270x80mm |

## 54948 — 151,50€

10.00 | - | 1 | 52

NEW

### REAR TRAILING ARM SILENT BLOCK EXTRACTOR/INSTALLER



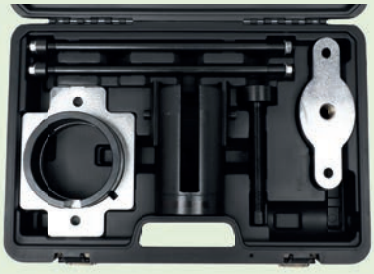
| | |
|---|---|
| **Pieces** | 5 |
| **Weight** | 8,30Kg |
| **Dimensions (LxWxH)** | 390x290x110mm |

## 55058 — 143,50€

10.00 | - | 1 | 40

NEW

### TRAILING ARM SILENT BLOCK REMOVAL/ INSTALLATION TOOL SET FOR VOLVO/FORD



| | |
|---|---|
| **Pieces** | 7 |
| **Weight** | 6,00Kg |
| **Dimensions (LxWxH)** | 330x280x70mm |

## 55077

10.30 | - | 1 | 48

NEW

### WHEEL BEARING REMOVAL/INSTALLATION TOOL SET - 78MM

138,00€



| | |
|---|---|
| **Pieces** | 13 |
| **Weight** | 10,40Kg |
| **Dimensions (LxWxH)** | 390x350x140mm |

## 54897

27.00 | - | 1 | 24

NEW

### SLOTTED SILENT BLOCK EXTRACTOR/INSTALLER SET

790,00€



| | |
|---|---|
| **Pieces** | 19 |
| **Compatible with** | 54257 |
| **Weight** | 17,00Kg |
| **Dimensions (LxWxH)** | 390x420x130mm |

## 55003

39.10 | - | 1 | 9

NEW

### HYDRAULIC SILENTBLOCK AND BEARING REMOVAL/ INSTALLATION KIT (63 PCS)

849,00€



| | |
|---|---|
| **Pieces** | 63 |
| **Compatible with** | 54257 |
| **Weight** | 33,00Kg |
| **Dimensions (LxWxH)** | 860x390x180mm |

## 52494

17.35 | - | 1 | 52

### UNIVERSAL BUSH AND BEARING REMOVAL TOOL SET

227,00€



| | |
|---|---|
| **Measurements** | M10, M12, M16, M18 |
| **Adapters (Outer/inner diameter)** | 90/80, 85/75, 82/72, 80/70, 78/68, 76/66, 74/64, 72/62, 70/60, 68/58, 66/56, 64/54, 62/52, 60/50, 58/48, 56/4654/44, 52/42, 50/40, 48/38, 46/36, 44/34 |

SPARE PARTS AVAILABLE

## TRACK ROD ADJUSTING WRENCHES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52874 | TRACK ROD ADJUSTING WRENCH Ø 9-20MM | 1.20 | 4 | 20 | 1500 | 85,00€ |
| 52875 | ARM DIRECTION EXTRACTOR Ø 14-23MM | 1.25 | 5 | 20 | 1500 | 88,00€ |



## RACK END REMOVERS AND INSTALLERS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52640 | RACK END REMOVER AND INSTALLER | 1.80 | - | 4 | 240 | 52,00€ |
| 52641 | RACK END REMOVER AND INSTALLER Ø 35-45MM | 2.20 | - | 4 | 148 | 55,00€ |



# EXTRACTORS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 51368 | UNIVERSAL INNER TIE ROD WRENCH | 0.41 | - | 50 | 3500 | 19,00€ |
| 51369 | UNIVERSAL INNER TIE ROD TOOL | 0.55 | 6 | 36 | 2016 | 28,00€ |
| 51414 | STUD HEAVY DUTY EXTRACTOR | 0.59 | - | 40 | 1440 | 14,00€ |



51368



51369



51414

## 53638 — 243,00€

13.05 | - | 1 | 27

### HYDRAULIC WHEEL HUB PULLER

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 8 |
| **Lenght** | 570mm |
| **Brands** | Multimarca/Multi-brand |
| **Weight** | 13,35Kg |
| **Dimensions (LxWxH)** | 590x360x130mm |

## 54953 — 89,00€

3.15 | - | 5 | 300

NEW

### UNIVERSAL WHEEL HUB REMOVAL TOOL



| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 3,10Kg |
| **Dimensions (LxWxH)** | 280x230x67mm |

## 53635 — 91,00€

6.50 | - | 2 | 80

### WHEEL BEARING PULLER WITH SLIDING HAMMER



| | |
|---|---|
| **Diameter** | 100-115mm |
| **Lenght** | 630mm |
| **Weight** | 6,50Kg |

## 54595 — 18,50€

0.25 | 10 | 50 | 1400

### SUSPENSION STRUT SPREADER TOOL



| | |
|---|---|
| **Opening** | 5-30mm |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 85x32x40mm |

## 54560 — 20,00€

0.16 | 10 | 40 | 2000

### SUSPENSION STRUT SPREADER TOOL



| | |
|---|---|
| **Opening** | 5-11,5mm |
| **Weight** | 0,16Kg |
| **Dimensions (LxWxH)** | 310x270x195mm |

## 52642 — 32,00€

1.32 | 5 | 10 | 720

### UNIVERSAL BALL JOINT PULLER



| | |
|---|---|
| **Pieces** | 1 |
| **Opening** | 55-60mm |
| **Diameter** | 17-22mm |
| **Weight** | 1,32Kg |

## 52699 — 22,00€

0.80 | 5 | 30 | 1350

### ADJUSTABLE BALL JOINT PULLER



| | |
|---|---|
| **Pieces** | 1 |
| **Opening** | 15-55mm |
| **Diameter** | 19-23mm |
| **Weight** | 0,70Kg |

## 51123

91,00€

5.29 | - | 2 | 136

### SET OF 5 BALL JOINT SEPARATORS

| | A | B | C | D | E |
|---|---|---|---|---|---|
| **Opening** | 18mm | 33mm | 250mm | 18mm | 22mm |
| **Opening (inside)** | 45mm | 55mm | 0mm | 25mm | 20mm |
| **Dimensions** | 50x18mm | 55x28mm | 160x75x16mm | 50x28 mm | 80x43x45mm |
| **Drive** | 19mm | 19mm | 17mm | 19mm | 21mm |
| **Spindle** | M16x1,5 | M16x1,5 | 14mm | M12x1,75 | M16x1,5 |




## 53384

173,00€

7.30 | - | 2 | 56

### HYDRAULIC BALL JOINT SEPARATOR

| | |
|---|---|
| **Pieces** | 5 |
| **Capacity** | 10T |
| **Opening** | 100mm |
| **Width** | 35mm |
| **Hydraulic spindle thread pitch** | 11/2" |
| **Weight** | 7,30Kg |

SPARE PARTS AVAILABLE



## 54513

75,00€

2.50 | - | 5 | 140

### SET OF 5 BALL JOINT EXTRACTORS FOR PNEUMATIC HAMMER

SPARE PARTS AVAILABLE



| | |
|---|---|
| x5 | 20, 24, 30, 35, 42mm |

## 51490

36,00€

1.88 | - | 5 | 360

### SET OF 5 FORK TYPE BALL JOINT SPLITTERS



| | |
|---|---|
| x1 | Handle for use with a hammer |
| x1 | Handle designed for use with pneumatic hammer |
| x3 | Yokes: 11/16, 15/16 and 1-1/8" |

## 53488

66,00€

2.75 | - | 5 | 200

### CAMBER ALIGNMENT TOOLS (VAG)



| | | | | | |
|---|---|---|---|---|---|
| x1 | 75mm | Seat - Toledo \| VW - Jeta / Golf | x1 | 115mm | Chrysler - Voyager |
| x1 | 85mm | Seat - Cordoba \| VW - Polo / 95> | x1 | 22mm | |

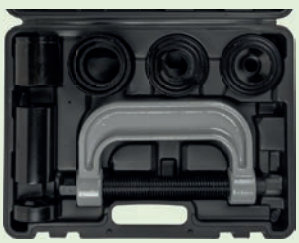
## 54958

66,00€

6.75 | - | 2 | 104

NEW

### 4-IN-1 BALL JOINT EXTRACTOR



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 6,70Kg |
| **Dimensions (LxWxH)** | 375x195x110mm |

## 51119 — 62,00€

| 2.09 | 5 | 10 | 210 |
|---|---|---|---|

### SET OF 7 LAMBDA SENSOR REMOVERS



| | |
|---|---|
| x1 | 1/2" 29 x 9 socket with 90 mm length |
| x1 | 1/2" to 7/8"socket with 50 mm length |
| x1 | 1/2" 27 x 12 socket with 78 mm length |
| x1 | 3/8" to 7/8" x 6 socket with 90 mm length |
| x1 | 3/8" to 7/8" x 6 socket with 90 mm length |
| x1 | 3/8" to 7/8" socket with 30 mm length |
| x1 | 3/8" to 1" and 1-1/16" socket with 74 mm length |

## 51491 — 154,00€

| 3.99 | - | 5 | 120 |
|---|---|---|---|

### SET OF 14 LAMBDA SOCKETS



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 17mm | 78mm | BMW, Mercedes Benz, Renault | | 22mm | 110mm | Audi, BMW, Mercedes Benz , VW, Volvo |
| | 19mm | 78mm | VW, Audi, Seat | | 22mm | 150mm | BMW |
| | 20mm | 80mm | Universal | | 27mm | 78mm | Universal |
| 1/2" | 21mm | 85mm | Ford, VAG | 1/2" | 27mm | 80mm | BMW, Fiat, Ford, Peugeot |
| | 22mm | 50mm | Universal | | 27mm | 110mm | PSA |
| | 22mm | 30mm | Universal | | 28mm | 78mm | Volvo, Scania, HGV |
| | 22mm | 90mm | Universal | | 30mm | 78mm | Bosch, General motors, Mercedes-Benz |

## 52822 — 32,00€

| 0.41 | 5 | 20 | - |
|---|---|---|---|

### OXYGEN SENSOR WRENCH 22MM



| | |
|---|---|
| **Square measure** | 22mm |
| **Profile** | Hexagonal |
| **Type** | Articulado/Articulate |
| **Weight** | 0,41Kg |
| **Lenght** | 265mm |

## 52849 — 8,50€

| 0.22 | 10 | 40 | 480 |
|---|---|---|---|

### SET OF 2 EXHAUST RUBBER HOOKS



| | |
|---|---|
| **Pieces** | 2 |
| **Weight** | 0,22Kg |
| **Dimensions (LxH)** | 215x100mm, 203x100mm |

## 52637 — 48,00€

| 3.01 | - | 5 | 220 |
|---|---|---|---|

### MUFFLER TAIL AND EXHAUST PIPE EXPANDER SET



| | |
|---|---|
| x1 | 1-1/8" - 1-3/4" |
| x1 | 1-1/2" - 2-1/2" |
| x1 | 2-1/8" - 3-1/2" |

## 51495 — 59,00€

| 0.96 | - | 20 | 200 |
|---|---|---|---|

### IGNITION COIL PULLER SET FOR VW



| | |
|---|---|
| **Pieces** | 4 |
| **Weight** | 0,96Kg |
| **Dimensions (LxWxH)** | 215x210x170mm |

## 52621 — 11,00€

| 0.14 | 10 | 40 | 1200 |
|---|---|---|---|

### BATTERY TERMINAL CLEANER



| | |
|---|---|
| **Pieces** | 2 |
| **Measures** | 80x38,5mm |
| **Weight** | 0,14Kg |

## 52319 — 8,80€

| 0.18 | 12 | 48 | 720 |
|---|---|---|---|

### BATTERY TERMINAL CLEANING TOOL



| | |
|---|---|
| **Pieces** | 1 |
| **Measures** | 122, 107mm |
| **Weight** | 0,13Kg |

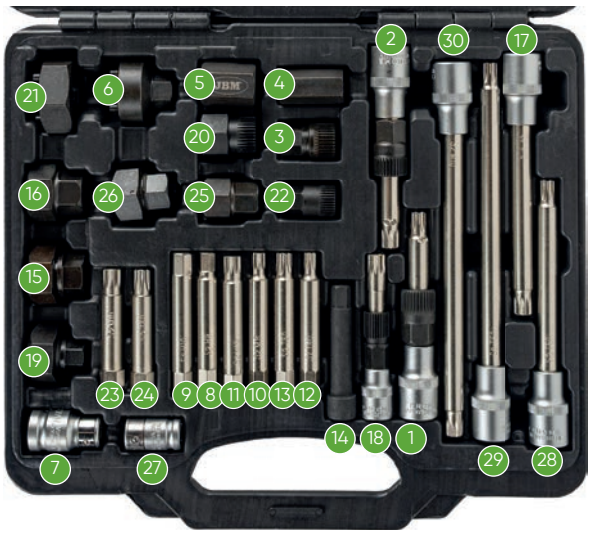
## 52293

98,00€

| 3.11 | - | 5 | 120 |
|---|---|---|---|

# SET OF 30 ALTERNATOR PULLEY TOOLS

| | |
|---|---|
| 1 | 1/2" x T50 - 33 Teeth |
| 2 | 1/2" x M10 - 33 Teeth |
| 3 | H15 x 33 Teeth |
| 4 | H22 x 33 Teeth |
| 5 | H22 |
| 6 | H17 x 4 Pin |
| 7 | 1/2" x H10 |
| 8 | H8 x H10 |
| 9 | H10 x H10 |
| 10 | M8 x H10 |
| 11 | M10 x H10 |
| 12 | T40 x H10 |
| 13 | T50 x H10 |
| 14 | H10 x FH10 |
| 15 | Special |
| 16 | Special |
| 17 | 1/2" x M10 |
| 18 | 3/8" x M10 - 31 Teeth |
| 19 | Special |
| 20 | Special |
| 21 | Special |
| 22 | Special |
| 23 | M10 x H12 |
| 24 | T50 x H12 |
| 25 | Special |
| 26 | Special |
| 27 | 3/8" x 10mm |
| 28 | 1/2" x T50 |
| 29 | 1/2" x T50 |
| 30 | 1/2" x M10 |




SPARE PARTS AVAILABLE

## 51259

58,00€

| 2.10 | - | 10 | 240 |
|---|---|---|---|

# SET OF 18 ALTERNATOR PULLEY TOOLS

| | | |
|---|---|---|
| A | x3 | T50x110mm (1/2"), M10x110 (1/2"), M10x90mm (3/8") |
| B | x1 | M10x140mm |
| C | x2 | 19, 22mm |
| D | x3 | 22x28, 19x28, 21x28mm |
| E | x1 | 1/2"x10mm |
| F | x1 | M10x65mm |
| G | x6 | T40, T50, M8, M10, H8, H10 (10x75mm) |
| H | x1 | H22 |




SPARE PARTS AVAILABLE

# GLOW-PLUG CONNECTOR PLIERS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52816 | GLOW-PLUG CONNECTOR PLIERS ANGLED - 235MM | 0.27 | 6 | 36 | - | 30,00€ |
| 52817 | GLOW-PLUG CONNECTOR PLIERS STRAIGHT 250MM | 0.28 | 6 | 36 | - | 28,50€ |



52816



52817

## MAGNETIC SPARK PLUG SOCKETS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 52316 | Ø14mm | 0.20 | 12 | 48 | 3360 | 18,90€ |
| 52317 | Ø 16mm | 0.30 | 12 | 48 | 2880 | 19,90€ |



## SPARK PLUG SOCKETS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 10054 | 1/2" - 16mm | 0.08 | 10 | 100 | - | 2,90€ |
| 10055 | 1/2" - 21mm | 0.14 | 10 | 100 | - | 3,90€ |



**52691** 54,00€

0.79 | - | 10 | 480

## GLOW PLUG SOCKET SET



| | |
|---|---|
| **3/8"** | 8mm (82mm) |
| **3/8"** | 9mm (82mm) |
| **3/8"** | 10mm (82mm) |
| **3/8"** | 12mm (82mm) |
| **3/8"** | 14mm (82mm) |
| **3/8"** | 16mm (82mm) |

WITH MECHANICAL HOLDING SYSTEM

## MAGNETIC SPARK PLUG SOCKETS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 54381 | 14mm | 0.35 | 10 | 40 | 840 | 5,50€ |
| 54382 | 16mm | 0.35 | 10 | 40 | 840 | 5,50€ |
| 54383 | 21mm | 0.35 | 10 | 40 | 840 | 5,50€ |



**53663** 8,00€

0.01 | 10 | 100 | 4800

## CONNECTOR DISASSEMBLY TOOL FOR VAG



| | |
|---|---|
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 140x15x100mm |

**51501** 38,00€

0.88 | 5 | 20 | 240

## SET OF 12 AIRBAG REMOVAL TOOLS



| | |
|---|---|
| T25 (BMW) | |
| T30 (AUDI, OPEL, RENAULT, VW) | |
| T25 (BMW) | |
| T30 (AUDI, OPEL, RENAULT, VW) | |
| 5mm (AUDI) | |
| 5-1/4"x 87mm (L) | |

**53388** 94,00€

1.50 | - | 5 | 120

## SET OF 52 RADIO RELEASE TOOLS



## 51126

18,00€

0.20 | 10 | 100 | 1500

### RADIO REMOVAL TOOL SET



| | |
|---|---|
| **Pieces** | 20 |
| **Weight** | 0,20Kg |
| **Dimensions (LxWxH)** | 125x76x50mm |

## 51986

11,90€

0.18 | - | 24 | 1584

### GAS REPLACEMENT 200ML




| | |
|---|---|
| **Capacity** | 200ml |
| **Weight** | 0,18Kg |
| **Dimensions (LxWxH)** | 17,2x50x50mm |

## 51920

18,00€

0.14 | 10 | 100 | 400

### GAS TORCH



| | |
|---|---|
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 220x165x75mm |

## 55015

59,00€

0.48 | 5 | 10 | 410

NEW

### SELF-IGNITING GAS SOLDERING KIT



| | |
|---|---|
| **Pieces** | 10 |
| **Material** | PP, Cu, Al |
| **Operating temperature** | 450-1300°C |
| **Capacity** | 20ml |
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 209x25x25mm |

## 53393

118,00€

1.60 | - | 5 | 110

### SET OF 23 TERMINAL TOOLS



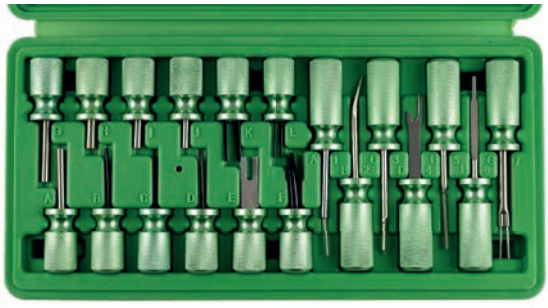
| | |
|---|---|
| **Pieces** | 23 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 435x250x70mm |

## 53391

92,00€

0.55 | - | 10 | -

### SET OF 19 TERMINAL TOOLS



| | |
|---|---|
| **Pieces** | 19 |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 245x125x40mm |

## 53474 — 94,00€

0.85 | 5 | 20 | 160

### DIGITAL TIMING LIGHT



| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 3.6W |
| **Precision** | 0,1° |
| **Maximum rotation speed** | 9000RPM |
| **Cable lenght** | 1800mm |

## 53240 — 58,00€

0.75 | 5 | 20 | 160

### TIMING LIGHT



| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 3.6W |
| **Precision** | 1° |
| **Maximum rotation speed** | 10000RPM |
| **Cable lenght** | 1500mm |

## THREAD REPAIR SETS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 53041 | THREAD REPAIR SET M14X1,25 | 0.54 | - | 10 | 1000 | 37,60€ |
| 51898 | THREAD REPAIR KIT M18X2,5 | 1.81 | - | 4 | 252 | 139,00€ |
| 51899 | THREAD REPAIR KIT M20X2,5 | 2.12 | - | 5 | 252 | 147,00€ |



53041



51898 - 51899

51898
SPARE PARTS AVAILABLE

51899
SPARE PARTS AVAILABLE

## 51896 — 82,00€

2.10 | - | 5 | 250

### SET OF 115 HELICOIL THREAD REPAIR INSERTS

SPARE PARTS AVAILABLE



| CONTENTS | MEASUREMENTS |
|---|---|
| Bit | 25 xM5x0.8 |
| Finishing tap | 25 x M6x1 |
| Helicoil inserter | 25 x M8x1.25 |
| Breakage pointer | 25 x M10x1.5 |
| Stainless steel spiral set | 10 x M12x1.75 |

## 51897 — 125,00€

2.21 | - | 5 | 378

### SET OF HELICOIL THREAD REPAIR INSERTS

SPARE PARTS AVAILABLE



| CONTENTS | MEASUREMENTS |
|---|---|
| Bit | 9 x M12x1.75 |
| Finishing tap | 9 x M14x2 |
| Helicoil inserter | 9 x M16x 2.0 |
| Breakage pointer | |
| Stainless steel spiral set | |

## 50793 — 94,00€

| 2.35 | - | 5 | 150 |
|---|---|---|---|

# METRIC CASE WITH 60 PIECES OF COMBINED METRIC AND IMPERIAL TAPS AND DIES



| | |
|---|---|
| x1 | Male NPT and 1 die stock NPT: 1/8-27. |
| x1 | Male TPN and 1 die stock TPN: 1/8-27. |
| x1 | Males Porta mixed type 1: M3-M6 and 3/16" - 1/2" |
| x1 | Males Porta mixed type 1: M3-M6 and 4-40 6-32 |
| x1 | Joint holder dies: Ø25mm |
| x1 | Screwdriver |
| x1 | Metric set of thread gauges |
| x1 | Metric set of thread inches. |
| x10 | Males (metrics): M3x0'5, M4x0.7, M5x0.8, M6x1.0, M7x1.0, M8x1.25, M9x1.25, M10x1.0, M10x1.5, M12x1.75. |
| x10 | Taps UNC (inches): 4-40, 6-32, 8-32, 10-24, 12-24, 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13. |
| x6 | Dies UNF (inches): 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-201/2-20. |
| x10 | Dies (metric) M3x0.5, M4x0.7, M5x0.8, M6x1, M7x1, M8x1.25, M9x1.25, M10x1, M10x1.5, M12x1,75. |
| x10 | Males UNC Dies (inches): 4-40, 6-32, 8-32, 10-24, 12-24, 1/4-2, 5/16-18, 3/8-167/16-14, 1/2-13. |
| x6 | Dies UNF (inches): 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20. |

## 50792 — 105,00€

| 2.59 | - | 6 | 240 |
|---|---|---|---|

# METRIC CASE WITH 58 PIECES OF TITANIUM COATED TAPS AND DIES

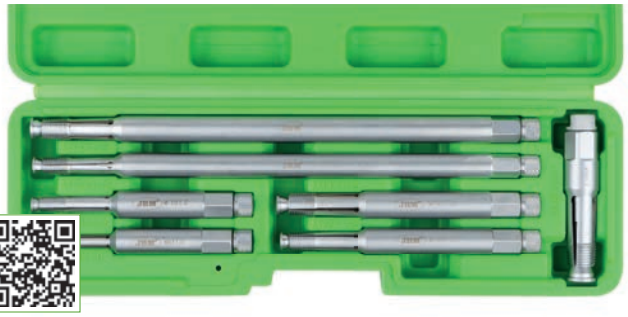


| | |
|---|---|
| x1 | NPT tap: 1/8-27. |
| x1 | NPT die: 1/8-27. |
| x1 | Tap holder: M4-M12. |
| x1 | T-type tap holder: M3-M6. |
| x1 | Die holder: 25mm O/D. |
| x1 | Screwdriver. |
| x1 | Set of thread gauges. |
| x34 | Males: M2x0.4 (x2), M3x0.6 (x2), M3x0.5 (x2), M3.5x0.6 (x2), M4x0.75 (x2), M4x0.7 (x2), M5x0.8 (x2), M6x0.75 (x2), M6x1.0 (x2), M7x0.75 (x2), M7x1.0 (x2), M8x1.0 (x2), M8x1.25 (x2), M10x1.25 (x2), M10x1.5 (x2), M12x1.25 (x2), M12x1.75 (x2) |
| x17 | Screwing dies: M2x0.4, M3x0.6, M3x0.5, M3.5x0.6, M4x0.75, M4x0.7, M5x0.8, M6x0.75, M6x1.0, M7x0.75, M7x1.0, M8x1.0, M8x1.25, M10x1.25, M10x1.5, M12x1.25, M12x1.75 |

## 54280 — 175,00€

| 1.45 | 5 | 10 | - |
|---|---|---|---|

# SPARK PLUG THREAD REPAIR TOOL SET



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Pieces** | 7 |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 325x105x55mm |

## 54003 — 110,00€

| 1.60 | - | 10 | 270 |
|---|---|---|---|

# INTERNAL AND EXTERNAL THREAD REPAIR SET



| | |
|---|---|
| **Pieces** | 9 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 250x200x65mm |

## 53652 — 56,00€

0.94 | 5 | 10 | 240

### WHEEL STUD THREAD RESTORER KIT

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 0,94Kg |
| **Dimensions (LxWxH)** | 260x160x60mm |

## 53055 — 33,00€

0.89 | 5 | 10 | 480

### SEPARATING AND RIVETING TOOL FOR MOTORBIKE CHAINS



| | |
|---|---|
| **Pieces** | 11 |
| **Weight** | 0,89Kg |
| **Dimensions (LxWxH)** | 220x115x55mm |

## 53665 — 19,00€

0.35 | 10 | 60 | 1920

### MOTORCYCLE CHAIN CUTTER (25-60)



| | |
|---|---|
| **Range** | 25-60mm |
| **Weight** | 0,35Kg |
| **Dimensions (LxWxH)** | 175x90x22mm |

## 53666 — 28,00€

0.70 | 5 | 30 | 1920

### MOTORCYCLE CHAIN CUTTER (60-100)



| | |
|---|---|
| **Range** | 60-100mm |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 195x110x30mm |

## 53054 — 6,00€

0.16 | 12 | 72 | 1500

### MOTORCYCLE SPECIAL SOCKET




| | |
|---|---|
| **Measures** | 19, 22, 24mm |
| **Weight** | 0,16Kg |
| **Dimensions (LxWxH)** | 130x70x30mm |

## 53086 — 9,00€

0.18 | 12 | 72 | 1500

### MOTORCYCLE SPECIAL SOCKET




| | |
|---|---|
| **Measures** | 17, 19, 22, 24mm |
| **Weight** | 0,18Kg |
| **Dimensions (LxWxH)** | 170x80x30mm |

## 53701 — 188,00€

8.45 | - | 1 | 48

### 2/3 LEGS UNIVERSAL PULLER SET

SPARE PARTS AVAILABLE





| | |
|---|---|
| **Pieces** | 13 |
| **Range** | 45-120mm/50-130mm |
| **Depth** | 165, 275mm |
| **Weight** | 8,45Kg |
| **Dimensions (LxWxH)** | 540x363x110mm |

## TWIN LEG PULLERS

| REF. | DESCRIPTION | | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52727 | TWO ARMS EXTRACTOR 25-70MM | 25-70mm | 50mm | 0.20 | 10 | 60 | 1200 | 35,00€ |
| 52728 | TWO ARMS EXTRACTORS 25-130MM | 25-130mm | 110mm | 1.20 | 5 | 10 | 500 | 68,00€ |
| 52729 | TWO ARMS EXTRACTOR 60-200MM | 60-200mm | 160mm | 3.26 | - | 3 | 240 | 128,00€ |
| 52730 | TWO ARMS EXTRACTORS 80-350MM | 80-350mm | 225mm | 8.55 | - | 2 | 108 | 288,00€ |


52727


52728


52729


52730


53146

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 53146 | TWO-ARM PULLER DISPLAY | 0.70 | 5 | 10 | 140 | 31,50€ |

## TRIPLE LEG REVERSIBLE PULLERS

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52731 | THREE ARMS EXTRACTOR 50-100MM | 50-100mm | 0.90 | 4 | 24 | 504 | 38,00€ |
| 52732 | THREE ARMS EXTRACTOR 70-150MM | 70-150mm | 2.54 | - | 20 | 300 | 58,00€ |
| 52733 | THREE ARMS EXTRACTOR 95-200MM | 95-200mm | 5.20 | - | 4 | 112 | 98,00€ |


52731


52732


52733

## TWIN / TRIPLE LEG BAR TYPE PULLERS

| REF. | DESCRIPTION | T | | | | | € |
|---|---|---|---|---|---|---|---|
| 52010 | TWIN/TRIPLE LEG REVERSIBLE PULLERS 2T | 2T | 0.50 | 4 | 40 | 360 | 86,00€ |
| 52296 | TWIN / TRIPLE LEG REVERSIBLE PULLERS 5T | 5T | 1.57 | 4 | 8 | 120 | 119,00€ |
| 52297 | TWIN / TRIPLE LEG REVERSIBLE PULLERS 7T | 7T | 3.33 | - | 6 | 36 | 192,00€ |
| 52298 | TWIN / TRIPLE LEG REVERSIBLE PULLERS, SHORT AND LONG CLAW | 2T | 2.65 | 3 | 6 | 396 | 177,00€ |


52010


52296


52297

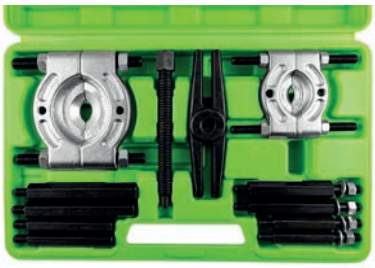

52298



## 51125 — 88,00€

4.72 | - | 5 | 100

### SEPARATOR AND BEAN PULLER SET



| | |
|---|---|
| x1 | Ø50-75mm |
| x1 | Ø30-50mm |
| x1 | T16x3x170mmL |
| x1 | 160mmL |
| x2 | 3/8" - 16x128mmL |
| x2 | 3/8" - 16x104mmL |
| x2 | 3/8" - 16x128mmL |
| x2 | 3/8" - 16x105mmL |

## 52626 — 49,00€

3.65 | - | 5 | 800

### BEARING SEPARATOR 75-105MM



| | |
|---|---|
| **Pieces** | 3 |
| **Opening** | 75-105mm |
| **Weight** | 3,65Kg |
| **Dimensions (LxWxH)** | 293x172x43mm |

## 52627 — 120,00€

6.50 | - | 2 | 231

### BEARING SEPARATOR 105-150MM



| | |
|---|---|
| **Pieces** | 3 |
| **Opening** | 105-150mm |
| **Weight** | 6,50Kg |
| **Dimensions (LxWxH)** | 290x290x40mm |

## 53062 — 99,00€

2.41 | - | 10 | 160

### BALL BEARING PULLER KIT WITH BALL ENDED PULLER ADAPTER

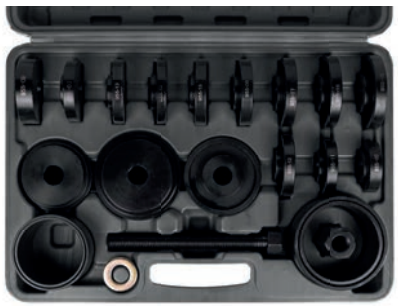


| | |
|---|---|
| **Pieces** | 23 |
| **Weight** | 2,41Kg |
| **Dimensions (LxWxH)** | 365x265x50mm |

## 52551 — 151,00€

10.42 | - | 2 | 66

### WHEEL BEARING REMOVAL/INSTALLATION TOOL SET



| | |
|---|---|
| **Pieces** | 20 |
| **Weight** | 10,42Kg |
| **Dimensions (LxWxH)** | 445x300x90mm |

## 54954 — 144,00€

7.00 | - | 10 | 62

NEW

### TOOL FOR BEARINGS AND ABS SENSOR RINGS



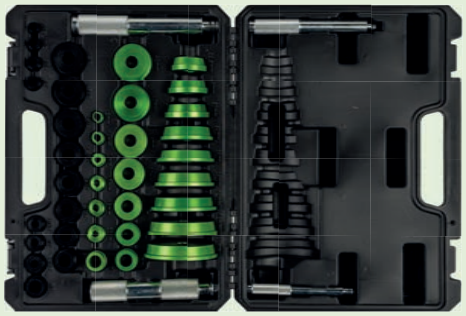
| | |
|---|---|
| **Pieces** | 9 |
| **Weight** | 7,30Kg |
| **Dimensions (LxWxH)** | 315x240x50mm |

## 54955 — 109,00€

3.50 | - | 2 | 80

NEW

### SEAL AND BEARING EXTRACTOR/INSTALLER SET



| | |
|---|---|
| **Pieces** | 43 |
| **Weight** | 2,60Kg |
| **Dimensions (LxWxH)** | 330x240x115mm |

## 53058 — 193,00€

8.19 | - | 1 | 102

### BEARING RACE AND SEAL DRIVER SET



| | |
|---|---|
| **Pieces** | 51 |
| **Weight** | 8,19Kg |
| **Dimensions (LxWxH)** | 335x245x90mm |

## 53056 — 127,00€

8.32 | - | 2 | 96

### FRONT WHEEL BEARING TOOL SET



| | |
|---|---|
| **Pieces** | 19 |
| **Weight** | 8,33Kg |
| **Dimensions (LxWxH)** | 535x305x80mm |

## 51349 — 38,00€

1.00 | - | 10 | 180

### BEARING AN BUSHING INSTALATOR DRIVER SET



| | |
|---|---|
| **Pieces** | 17 |
| **Weight** | 1,00Kg |
| **Dimensions (LxWxH)** | 280x195x65mm |

## 53059 — 56,00€

1.70 | 5 | 10 | 160

### ALUMINIUM BEARING RACE ANF SEAL DRIVER SET



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 1,70Kg |
| **Dimensions (LxWxH)** | 255x150x102mm |

## 53250 — 88,00€

4.80 | - | 4 | 72

### INTERNAL AND EXTERNAL BEARING PULLER SET




| | | |
|---|---|---|
| **A** | x1 | 30-80mm |
| **B** | x1 | 15-30mm |
| **C** | x1 | 15-80mm |
| **D** | x1 | 470x86mm |
| **E** | x1 | 55x22mm |

## 51124 — 88,00€

3.20 | - | 5 | 120

### INTERNAL BEARING PULLER SET



| | |
|---|---|
| **Pieces** | 5 |
| **Weight** | 3,20Kg |
| **Dimensions (LxWxH)** | 480x190x58mm |

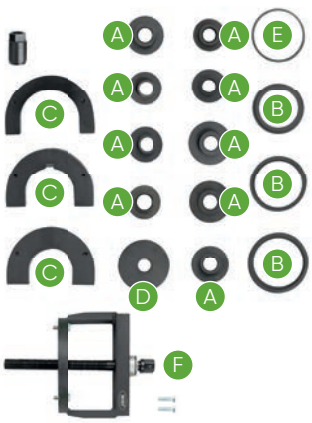
## 54299

246,00€

15.00 | - | 1 | 54

# WHEEL HUB AND BEARING MASTER SET

| | | | | | |
|---|---|---|---|---|---|
| | | 530mm | | 860x109mm | |
| | | 580m | B | 820x100mm | |
| | | 650mm | | 710x9,45mm | |
| | | 660mm | | 890x176mm | |
| A | Ø 230mm | 680mm | C | 990x176mm | |
| | | 710mm | | 120x178mm | |
| | | 730mm | D | Ø 230mm | 950mm |
| | | 780mm | E | Ø 860mm | 955mm |
| | | 830mm | F | 240x280cm | |





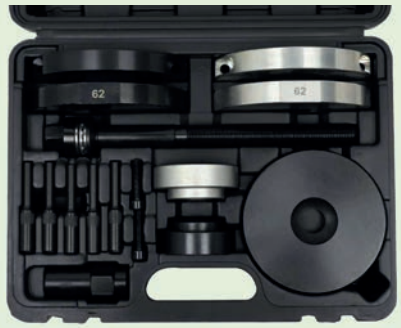

## 55078

107,00€

7.10 | - | 2 | 96

NEW

# VAG 62MM WHEEL BEARING REMOVAL/ INSTALLATION TOOL SET



| | |
|---|---|
| **Pieces** | 16 |
| **Weight** | 7,20Kg |
| **Dimensions (LxWxH)** | 335x253x93mm |

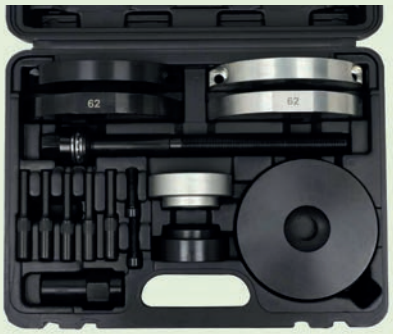
## 55079

107,00€

7.10 | - | 2 | 96

NEW

# VAG 66MM WHEEL BEARING REMOVAL/ INSTALLATION TOOL SET



| | |
|---|---|
| **Pieces** | 16 |
| **Weight** | 7,20Kg |
| **Dimensions (LxWxH)** | 335x253x93mm |

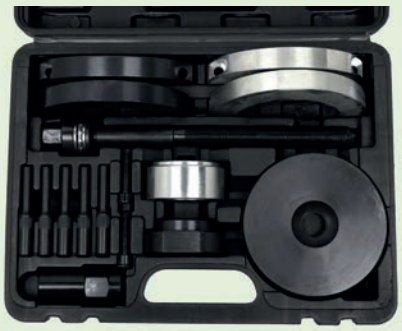
## 55080

107,00€

7.00 | - | 2 | 100

NEW

# VAG 72MM WHEEL BEARING REMOVAL/ INSTALLATION TOOL SET



| | |
|---|---|
| **Pieces** | 17 |
| **Weight** | 7,20Kg |
| **Dimensions (LxWxH)** | 340x247x95mm |

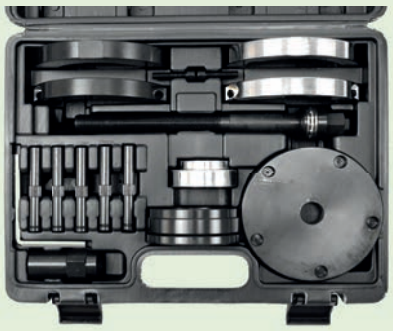
## 55081

109,50€

8.40 | - | 1 | 80

NEW

# VAG 85MM WHEEL BEARING REMOVAL/ INSTALLATION TOOL SET



| | |
|---|---|
| **Pieces** | 19 |
| **Weight** | 8,70Kg |
| **Dimensions (LxWxH)** | 385x285x110mm |

**55082** 129,00€

13.00 | - | 1 | 20

NEW

## VAG WHEEL BEARING REMOVAL/ INSTALLATION TOOL SET 62, 66, 72MM



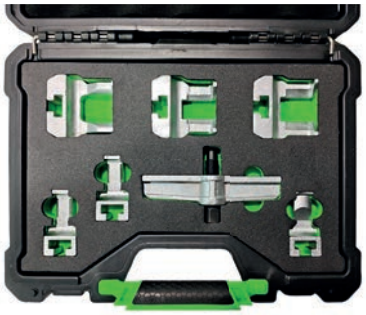
| | |
|---|---|
| **Pieces** | 19 |
| **Weight** | 13,00Kg |
| **Dimensions (LxWxH)** | 475x415x108mm |

**54455** 79,00€

2.65 | - | 5 | 120

## CAMSHAFT PULLEY PULLER VAG

ADDITIONAL INFORMATION



**54419** 68,50€

1.10 | 5 | 10 | 240

## FRONT CRANKSHAFT SEAL PULLER/ INSTALLER FOR FORD

ADDITIONAL INFORMATION



**54460** 182,50€

4.00 | - | 2 | 48

## CRANKSHAFT SEAL RING INSTALER FOR MERCEDES

ADDITIONAL INFORMATION



**54457** 181,50€

4.00 | - | 2 | 48

## CRANKSHAFT SEAL INSTALLER FOR MERCEDES

ADDITIONAL INFORMATION



**53875** 137,00€

1.85 | - | 4 | 168

## CRANKSHAFT REAR SEAL INSTALLATION TOOL (VAG GROUP)

ADDITIONAL INFORMATION



**53664** 38,00€

0.80 | - | 10 | 2500

## UNIVERSAL PULLEY PULLER



**53129** 90,00€

0.96 | 2 | 10 | 180

## BEARING RACE AND SEAL DRIVER 18-90MM



**52819** 22,00€

0.24 | 15 | 60 | -

## 1/2" SPINDLE NUT SOCKET FOR MERCEDES



## 52624

28,00€

1.25 | - | 5 | 360

### HARMONIC BALANCER PULLER SET

| | | | | | |
|---|---|---|---|---|---|
| A | x1 | Floating swivel | E | x2 | M8x100mm |
| B | x1 | 3/4" swivel tip | F | x3 | M8x50mm |
| C | x11 | Set of washers | G | x2 | M6x75mm |
| D | x1 | M16x160mm | H | x3 | M6x50mm |




## 54886

91,00€

2.10 | - | 5 | 100

NEW

### CRANKSHAFT SEAL PULLER/INSTALLER SET

| | | |
|---|---|---|
| A | x4 | 10, 18, 22, 27mm |
| B | x7 | 28, 34, 42, 46, 49, 56, 64mm |
| C | x7 | M8, M10, M12, M14, M16, M18, M20 |
| D | x1 | Mounting bevel |
| E | x1 | Extractor |




## 53463

98,00€

1.65 | - | 10 | 180

### WIPER ARM PULLER SET

| | |
|---|---|
| **Pieces** | 6 |
| **Brands** | VOLKSWAGEN, OPEL, HONDA, BMW, AUDI, FORD, MERCEDES BENZ |
| **Weight** | 1,65Kg |
| **Dimensions (LxWxH)** | 275x230x60mm |



## 52454

13,90€

0.20 | 6 | 36 | 1224

### WINDSHIELD WIPER PULLER



## 54736

22,50€

1.00 | 10 | 50 | 2400

### DISMANTLING TOOL FOR CRANKSHAFT PULLEY FORD



## 53696

23,50€

0.10 | 6 | 96 | 1536

### LOOSENING TOOL FOR HENN-TYPE HOSE CLAMPS



## 52852 — 6,80€

0.06 | 25 | 100 | 3200

### SET OF 2 O-RING HOOKS



| | |
|---|---|
| **Pieces** | 2 |
| **Weight** | 0,06Kg |
| **Lenght** | 210mm |

## 53053 — 12,00€

0.21 | 10 | 50 | 1000

### SET OF 3 SEAL REMOVING HOOKS



| | |
|---|---|
| **Pieces** | 3 |
| **Compatible with** | Juntas tóricas/O'rings, Retenes/Seals |
| **Material** | Goma/Rubber, CrV |
| **Weight** | 0,20Kg |
| **Lenght** | 120, 155, 165mm |

## 51500 — 31,50€

1.55 | - | 10 | 640

### RIBBED DRIVE PULLEY PULLER



| | |
|---|---|
| **Pieces** | 2 |
| **Range** | 40-168mm |
| **Weight** | 1,55Kg |
| **Dimensions (LxWxH)** | 230x90x45mm |

## 51496 — 8,00€

0.12 | 12 | 72 | 3168

### SET OF 4 BROKEN TAP EXTRACTORS



| | |
|---|---|
| **Pieces** | 5 |
| **Weight** | 0,12Kg |
| **Dimensions (LxWxH)** | 170x90x20mm |

## 53502 — 41,00€

0.55 | 5 | 20 | 900

### SET OF 9 TAP EXTRACTORS



| | |
|---|---|
| **Pieces** | 9 |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 195x100x35mm |

## 53669 — 45,00€

0.70 | 5 | 20 | 1080

### SET OF 10 1/2" SPECIALIST AUTOMOTIVE IMPACT SOCKETS



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 350x80x25mm |

## 54253 — 166,00€

2.40 | - | 5 | 100

### SET OF 10 MASTER WHEEL LOCK NUT REMOVERS

VIDEO TUTORIAL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 2,40Kg |
| **Dimensions (LxWxH)** | 300x62x225mm |

## 53524 — 55,00€

1.70 | 5 | 10 | 330

### SET OF 4 NUT SPLITTERS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 4 |
| **Working range** | 9-27mm |
| **Weight** | 1,70Kg |
| **Dimensions (LxWxH)** | 270x195x50mm |

## 52802 — 54,00€

0.62 | - | 20 | -

### SET OF 10 WHEEL LOCK SCREW SOCKETS FOR BMW



| | |
|---|---|
| **Pieces** | 10 |
| **Square measure** | 1/2" |
| **Weight** | 0,62Kg |
| **Dimensions (LxWxH)** | 250x120x50mm |

## 52833 — 39,30€

0.80 | 5 | 20 | -

### SET OF 4 STUD PULLERS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 4 |
| **Square measure** | 1/2" |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 218x90x47mm |

## 53328 — 76,00€

0.60 | 5 | 20 | -

### SET OF 12 WHEEL LOCK SCREW SOCKETS FOR MERCEDES



| | |
|---|---|
| **Pieces** | 12 |
| **Square measure** | 1/2" |
| **Weight** | 0,60Kg |
| **Dimensions (LxWxH)** | 145x130x45mm |

## 53207 — 118,00€

1.55 | 5 | 10 | 330

### SET OF 23 WHEEL LOCK SCREW SOCKETS FOR VW



| | |
|---|---|
| **Pieces** | 23 |
| **Square measure** | 1/2" |
| **Weight** | 1,55Kg |
| **Dimensions (LxWxH)** | 230x16x60mm |

## 52962 — 42,00€

0.75 | 5 | 20 | 1500

### SET OF 6 3/8" TWIST SOCKETS FOR REMOVAL OF SAFETY SCREW/NUTS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 12 |
| **Square measure** | 3/8" |
| **Weight** | 0,75Kg |
| **Dimensions (LxWxH)** | 163x110x54mm |

## 51998 — 38,00€

0.69 | 5 | 20 | 640

### SET OF 11 3/8" TWIST SOCKETS FOR REMOVAL OF SECURITY SCREW/NUTS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 11 |
| **Square measure** | 3/8" |
| **Weight** | 0,68Kg |
| **Dimensions (LxWxH)** | 165x115x60mm |

## 52153 — 46,00€

0.93 | 5 | 20 | 360

### SET OF 6 1/2" TWIST SOCKET WHEEL LOCK NUT REMOVERS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 6 |
| **Square measure** | 1/2" |
| **Weight** | 0,93Kg |
| **Dimensions (LxWxH)** | 180x135x60mm |

## 54815 — 49,00€

0.90 | 5 | 10 | 120

NEW

### 10-PIECE SOCKET KEY SET FOR WHEEL LOCKING BOLTS BMW



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 180x135x56mm |

## 54822 — 89,00€

1.60 | 5 | 10 | 320

NEW

### 10-PIECE SOCKET KEY SET FOR WHEEL LOCKING BOLTS TESLA



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 1,6Kg |
| **Dimensions (LxWxH)** | 180x135x56mm |

## 54819 — 91,50€

1.60 | 5 | 10 | 320

NEW

### 11-PIECE WHEEL LOCKING BOLT KEY SET FOR TOYOTA



| | |
|---|---|
| **Pieces** | 11 |
| **Weight** | 1,6Kg |
| **Dimensions (LxWxH)** | 180x135x56mm |

## 54818 — 99,50€

1.80 | 5 | 10 | 320

NEW

### 14-PIECE WHEEL LOCKING BOLT KEY SET FOR BMW/ MINI



| | |
|---|---|
| **Pieces** | 14 |
| **Weight** | 1,8Kg |
| **Dimensions (LxWxH)** | 180x135x56mm |

## 54810 — 143,00€

3.40 | - | 5 | 120

NEW

### 21-PIECE WHEEL LOCKING BOLT KEY SET FOR BMW



| | |
|---|---|
| **Pieces** | 21 |
| **Weight** | 2,10Kg |
| **Dimensions (LxWxH)** | 340x260x90mm |

## 54820 — 198,00€

3.40 | - | 5 | 120

NEW

### 21-PIECE LOCKING WHEEL BOLT KEY SET FOR OPEL/ VAUXHALL (101–120)



| | |
|---|---|
| **Pieces** | 21 |
| **Weight** | 2,5Kg |
| **Dimensions (LxWxH)** | 280x183x72mm |

## 54821 — 209,00€

3.40 | 5 | 10 | 120

NEW

### 21-PIECE LOCKING WHEEL BOLT KEY SET FOR OPEL/ VAUXHALL (121–140)



| | |
|---|---|
| **Pieces** | 21 |
| **Weight** | 1,35Kg |
| **Dimensions (LxWxH)** | 270x170x58mm |

## 54813 — 143,50€

2.50 | - | 5 | 120

NEW

### 21-PIECE WHEEL LOCKING BOLT KEY SET FOR OPEL/ VAUXHALL (181-200)



| | |
|---|---|
| **Pieces** | 21 |
| **Weight** | 2,5Kg |
| **Dimensions (LxWxH)** | 280x180x72mm |

## 54812 — 143,50€

14.00 | - | 5 | 120

NEW

### 21-PIECE WHEEL LOCKING BOLT KEY SET FOR VOLKSWAGEN



| | |
|---|---|
| **Pieces** | 21 |
| **Weight** | 2,4Kg |
| **Dimensions (LxWxH)** | 280x183x72mm |

## 54809 — 154,00€

3.40 | - | 5 | 120

NEW

### 22-PIECE WHEEL LOCKING BOLT KEY SET FOR AUDI



| | |
|---|---|
| **Pieces** | 22 |
| **Weight** | 2,80Kg |
| **Dimensions (LxWxH)** | 340x260x80mm |

## 54317 — 124,00€

1.45 | 5 | 10 | 120

NEW

### 22-PIECE WHEEL LOCKING BOLT KEY SET FOR VAG GROUP



| | |
|---|---|
| **Pieces** | 22 |
| **Square measure** | 1/2" |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 280x72x180mm |

## 54817 — 249,00€

2.40 | - | 5 | 90

NEW

### 30-PIECE WHEEL LOCKING BOLT KEY SET FOR MERCEDES-BENZ



| | |
|---|---|
| **Pieces** | 30 |
| **Weight** | 2,4Kg |
| **Dimensions (LxWxH)** | 280x183x72mm |

## 54814 — 169,00€

1.80 | - | 5 | 110

NEW

### 32-PIECE WHEEL LOCKING BOLT KEY SET FOR MERCEDES-BENZ



| | |
|---|---|
| **Pieces** | 32 |
| **Weight** | 1,8Kg |
| **Dimensions (LxWxH)** | 280x180x72mm |

## 54823 — 65,00€

1.20 | 5 | 10 | 320

NEW

### 5-PIECE SOCKET KEY SET FOR WHEEL LOCKING BOLTS TESLA 3, S, X



| | |
|---|---|
| **Pieces** | 5 |
| **Weight** | 1,2Kg |
| **Dimensions (LxWxH)** | 180x135x56mm |

## 54811 — 64,00€

1.20 | 5 | 10 | 320

NEW

### 7-PIECE WHEEL LOCKING BOLT KEY SET FOR OPEL/ VAUXHALL



| | |
|---|---|
| **Pieces** | 7 |
| **Weight** | 0,98Kg |
| **Dimensions (LxWxH)** | 270x170x58mm |

## 54816 — 49,00€

1.00 | 5 | 10 | 320

NEW

### 10-PIECE TIPPED KEY SET FOR WHEEL LOCKING BOLTS BMW



| | |
|---|---|
| **Pieces** | 10 |
| **Weight** | 0,72Kg |
| **Dimensions (LxWxH)** | 180x135x56mm |

## 53208 — 126,00€

0.95 | 5 | 20 | -

### SET OF 22 WHEEL LOCK SCREW SOCKETS FOR BMW



| | |
|---|---|
| **Pieces** | 22 |
| **Square measure** | 1/2" |
| **Weight** | 0,95Kg |
| **Dimensions (LxWxH)** | 210x55x140mm |

## 51958 — 422,00€

4.35 | - | 4 | 96

### TORQUE MULTIPLIER SET 1/2", 3/4"



| | |
|---|---|
| **Pieces** | 6 |
| **Square measure** | 1/2", 3/4" |
| **Material** | Cr |
| **Measures** | 13, 19mm |
| **Maximum output torque** | 1000Nm |
| **Gear ratio** | 1:4 |
| **Weight** | 4,34Kg |
| **Dimensions (LxWxH)** | 375x260x85mm |

## 52056 — 73,00€

5.45 | - | 4 | 128

### SET OF 8 TORQUE MULTIPLIER SOCKETS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 8 |
| **Weight** | 5,45Kg |
| **Dimensions (LxWxH)** | 275x240x85mm |

## 51919 — 89,00€

7.75 | - | 3 | 120

### TRUCK TORQUE MULTIPLIER SET WITH EXTENDER



| | |
|---|---|
| **Pieces** | 4 |
| **Square measure** | 1" |
| **Material** | 40Cr |
| **Measures** | 32-33mm |
| **Maximum output torque** | 5800Nm |
| **Gear ratio** | 1:56 |
| **Weight** | 7,75Kg |
| **Dimensions (LxWxH)** | 380x205x100mm |

**FOR TRUCKS/VEHICLES**

## 52796 — 98,00€

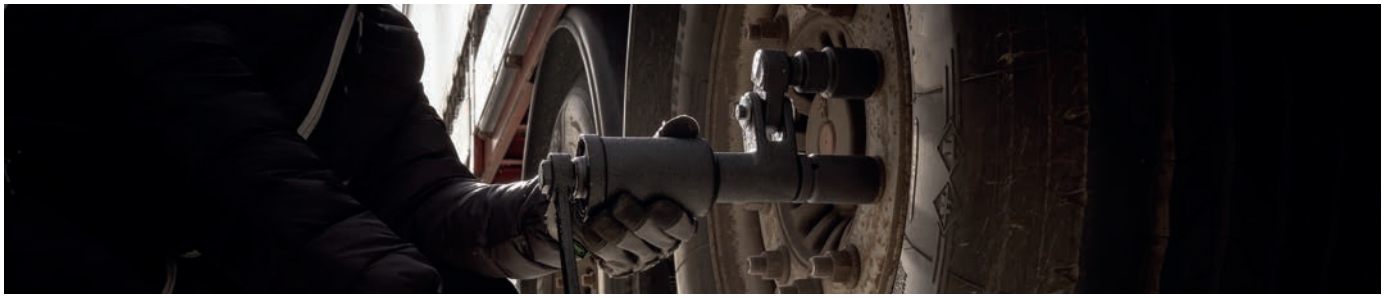
8.88 | - | 3 | 72

### TRUCK TORQUE MULTIPLIER SET



| | |
|---|---|
| **Pieces** | 4 |
| **Square measure** | 1" |
| **Material** | 40Cr |
| **Measures** | 32-33mm |
| **Maximum output torque** | 6000Nm |
| **Gear ratio** | 1:58 |
| **Weight** | 8,88Kg |
| **Dimensions (LxWxH)** | 395x255x120mm |

**FOR TRUCKS/VEHICLES**



# TIMING TOOLS


**301** FIAT/ALFA ROMEO

**304** BMW/MINI

**310** PSA

**311** FORD

**315** JAGUAR/LAND ROVER

**317** JEEP/CHRYSLER

**318** MERCEDES-BENZ

**320** RENAULT/DACIA/NISSAN

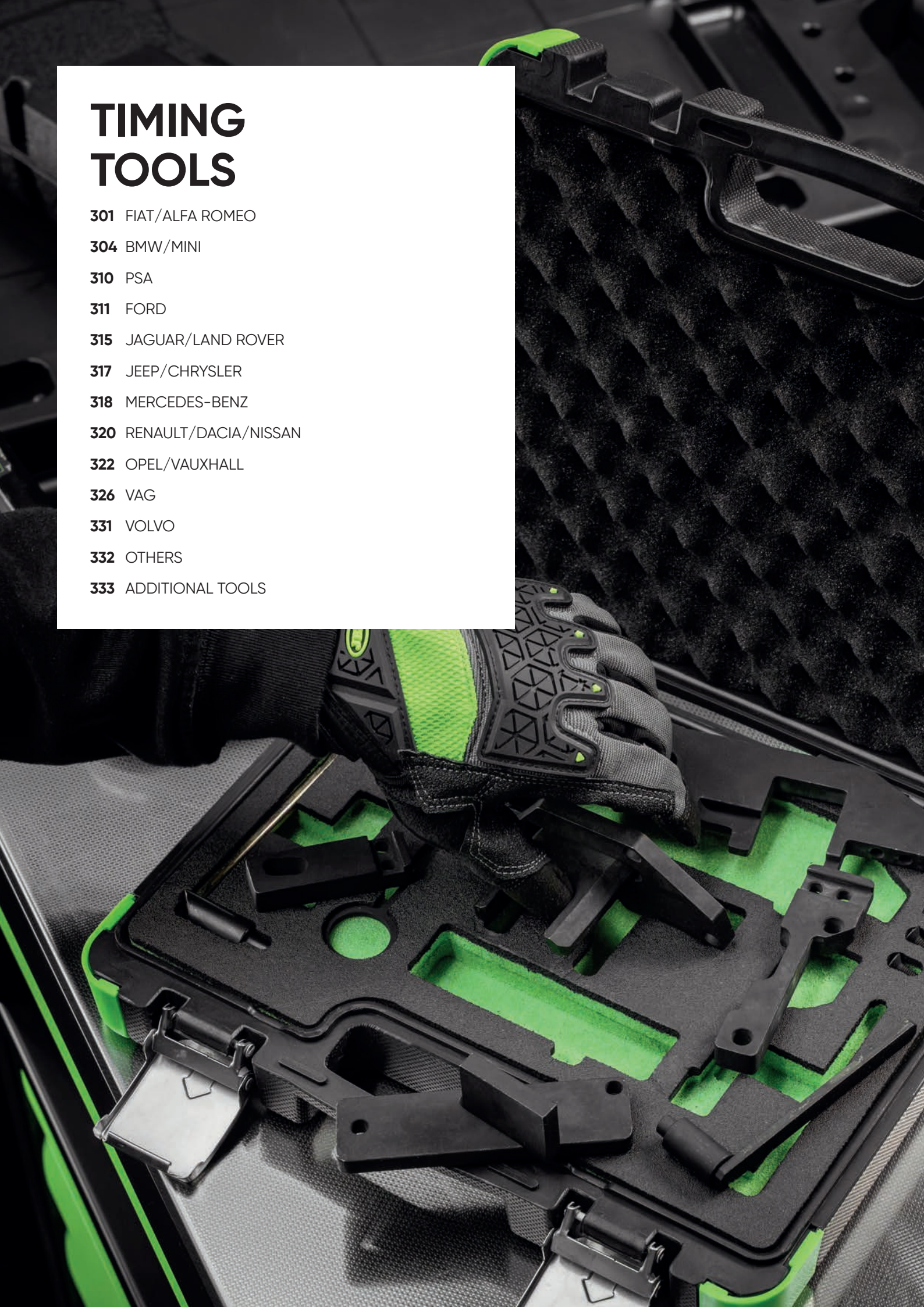
**322** OPEL/VAUXHALL

**326** VAG

**331** VOLVO

**332** OTHERS

**333** ADDITIONAL TOOLS



# Find the kit you need in seconds. Fast and efficient!

### QUICK SEARCH

Find the kit compatible with any vehicle

### ADVANCED FILTERS

Refine your search by brand, engine, OEM, or JBM reference

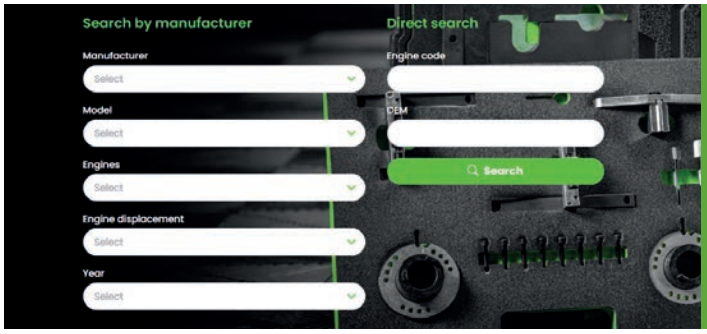
### PRECISE RESULTS

Access all the information you need with a single click

## 01 ENTER VEHICLE INFORMATION

Go to our website and locate the Timing Tool Finder section



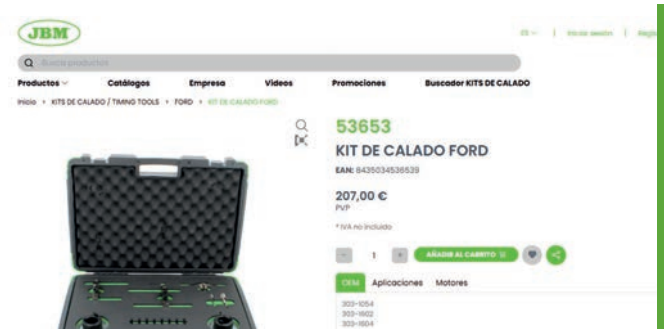




## 02 SELECT SEARCH FIELDS

Manufacturer, model, engine code displacement, and year

## 03 OR ENTER THE ENGINE CODE OR OEM SEARCH CODE




## 04 COMPARE THE RESULTS AND FIND YOUR TIMING TOOL

# Exclusive Timing Tools Catalogue

Find all the information you need in one place:

- Breakdown of cases and modules
- Applications of each tool
- Compatible engine codes and OEMs

Request your catalogue today. JBM prints it and delivers it to you hassle-free.



**54471** 67,00€

2.80 - 5 112

## FIAT/LANCIA-1,6 FRETWORK KIT



ADDITIONAL INFORMATION

**54743** 82,00€

2.40 - 5 120

NEW

## TIMING TOOL FOR HYBRID FIAT 1.0L FIRE-FLY



ADDITIONAL INFORMATION

**53303** 94,00€

1.96 - 5 120

## ENGINE TIMING TOOL SET FIAT / OPEL



ADDITIONAL INFORMATION

**54745** 152,00€

4.80 - 5 120

NEW

## TIMING TOOL KIT FOR FIAT/JEEP 1.0L/1.3

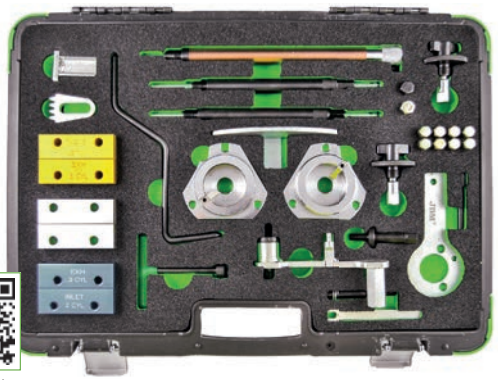


ADDITIONAL INFORMATION

**53304** 293,00€

6.00 | - | 2 | 42

## ENGINE TIMING TOOL SET FIAT



ADDITIONAL INFORMATION

**53306** 56,00€

1.70 | - | 5 | 135

## ENGINE TIMING TOOL SET FIAT 1.2 16V



ADDITIONAL INFORMATION

**53308** 58,00€

1.09 | 5 | 10 | 240

## ENGINE TIMING TOOL SET ALFA ROMEO



ADDITIONAL INFORMATION

**53309** 300,00€

5.60 | - | 2 | 40

## ENGINE TIMING TOOL SET ALFA/FIAT/ LANCIA 1.4, 1.6, 1.8, 2.0 16V, 2.0 20V



ADDITIONAL INFORMATION

**53310** 523,00€

10.70 | - | 2 | 44

## ENGINE TIMING TOOL SET FIAT/ALFA/ LANCIA



ADDITIONAL INFORMATION

**53312** 127,00€

2.60 | - | 5 | 120

## ENGINE TIMING TOOL SET FIAT/ALFA/FORD

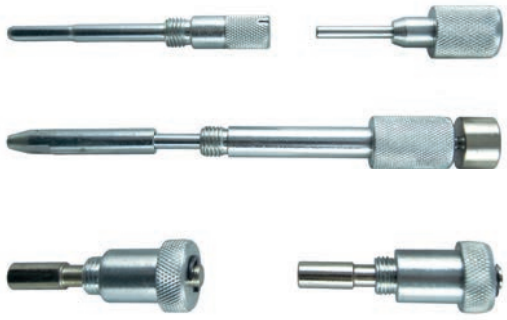


ADDITIONAL INFORMATION

**53319** 19,00€

0.60 | 10 | 40 | 640

## ENGINE TIMING TOOL SET FIAT IVECO 2.3, 3.0 JTD



ADDITIONAL INFORMATION

**54202** 72,00€

1.95 | - | 5 | 240

## ENGINE TIMIMG TOOL SET FOR FIAT/ALFA ROMEO/LANCIA

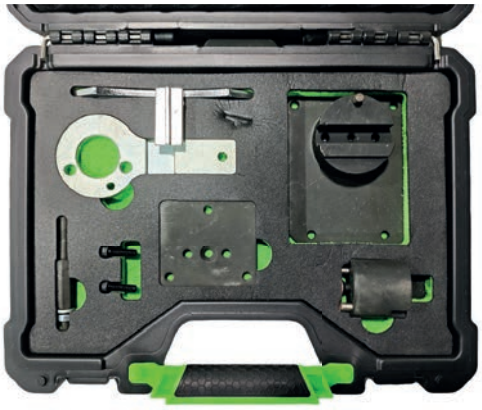


ADDITIONAL INFORMATION

**54203** 96,00€

2.70 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR ALFA ROMEO/LANCIA 1.8 TBI



ADDITIONAL INFORMATION

**54211** 78,00€

1.95 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR FIAT/FORD/ OPEL/SUZUKI 1.3L



ADDITIONAL INFORMATION

**54212** 42,00€

0.90 | 5 | 10 | 240

## ENGINE TIMING TOOL SET FOR FIAT/LANCIA 1,4 12V



ADDITIONAL INFORMATION

**54215** 60,00€

1.20 | 5 | 10 | 240

## ENGINE TIMING TOOL KIT FOR ALFA ROMEO/ FIAT 1.4 MULTIAIR



ADDITIONAL INFORMATION

**54216** 52,00€

1.75 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR FIAT/OPEL/ ALFA 1.9, 2.4L 16V



ADDITIONAL INFORMATION

**54430** 36,00€

1.00 | 5 | 10 | 240

## ENGINE TIMING TOOL ALFA ROMEO/FIAT/ LANCIA 0.9 TWIN AIR



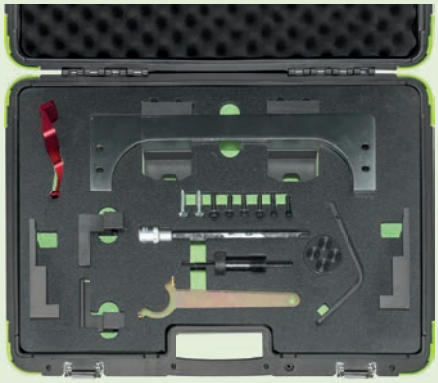
ADDITIONAL INFORMATION

**54796** 239,00€

8.00 | - | 2 | 90

NEW

## ENGINE TIMING TOOL BMW B38/B46/B48



ADDITIONAL INFORMATION

**54862** 61,00€

2.00 | - | 5 | 80

NEW

## ENGINE TIMING TOOL KIT BMW/MINI 1.6

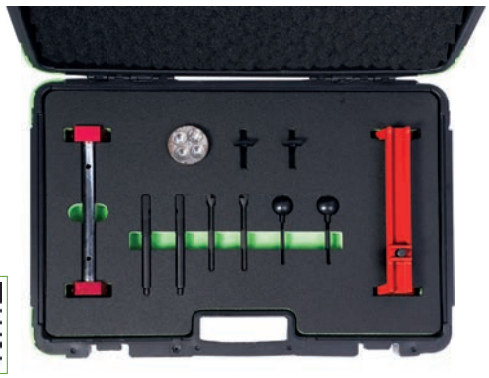


ADDITIONAL INFORMATION

**54444** 141,00€

2.20 | - | 2 | 48

## BMW M3 -S54 PETROL ENGINE BLOCK KIT



ADDITIONAL INFORMATION

**54445** 111,00€

3.60 | - | 5 | -

## BMW M3 S65 PETROL ENGINE TIMING KIT



ADDITIONAL INFORMATION

**54441** 174,00€

3.00 – 2 48

## ENGINE TUNING SET BMW N47/N57



ADDITIONAL INFORMATION

**53259** 102,00€

2.75 – 5 120

## PETROL ENGINE SETTING/LOCKING KIT BMW N42, N46 1.8, 2.0 CHAIN



ADDITIONAL INFORMATION

**53260** 177,00€

5.60 – 2 84

## CHAIN DRIVEN ENGINE LOCKING KIT BMW N43 ENGINE PETROL 1.6/2.0

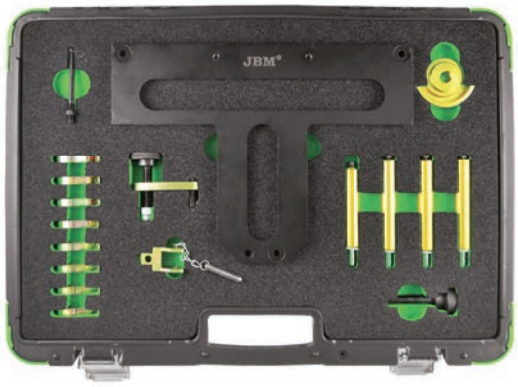


ADDITIONAL INFORMATION

**53261** 225,00€

5.20 – 2 40

## PETROL ENGINE TIMMING LOCKING KIT BMW N42, N46 1.8, 2.0




ADDITIONAL INFORMATION

**53262** 264,00€

4.60 – 2 40

## BMW M52TU, M54, M56 DOUBLE VANOS CAMSHAFT ALIGNMENT TOOL



ADDITIONAL INFORMATION

**53263** 60,00€

1.80 – 5 165

## CAMSHAFT ALIGNMENT TOOL BMW M47 LAND ROVER TD4,TD6



ADDITIONAL INFORMATION

**53264** 151,00€

4.65 | - | 2 | 40

## ENGINE CAMSHAFT ALIGNMENT TIMING LOCKING GARAGE TOOL FOR BMW N62, N73



ADDITIONAL INFORMATION



**53265** 205,00€

5.45 | - | 2 | 36

## DIESEL ENGINE TIMING TOOL KIT-BMW M47, M57, M41, M51

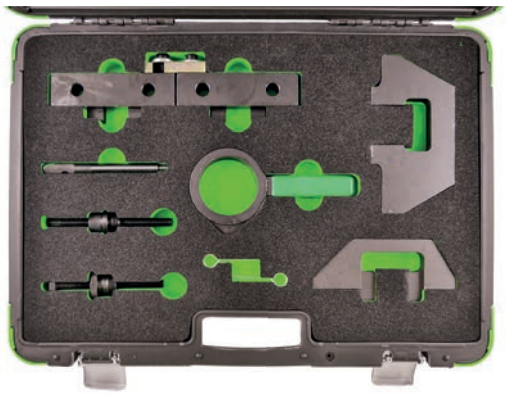


ADDITIONAL INFORMATION

**53266** 236,00€

6.30 | - | 2 | 42

## ENGINE TIMING TOOL SET BMW M42, M43, M50, M51, M52

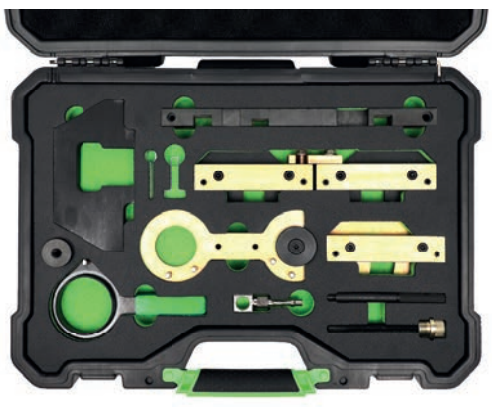


ADDITIONAL INFORMATION

**53267** 291,00€

8.00 | - | 2 | 48

## TIMING TOOL SET FOR BMW M40, M43, M42, M44, M52, M54, M56



ADDITIONAL INFORMATION

**54293** 19,00€

0.40 | - | 20 | -

## CRANKSHAFT COUNTER HOLDER FOR BMW



ADDITIONAL INFORMATION

**53269** 50,00€

1.25 | 5 | 10 | 240

## ENGINE TIMING LOCKING TOOLS SET FOR BMW N47, N47S, N57 (FOR USE WITH 54293)



ADDITIONAL INFORMATION

**54219** 63,00€

1.09 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR BMW/MINI/ CITROËN/PEUGEOT



ADDITIONAL INFORMATION

**54222** 62,00€

1.40 | 5 | 10 | 240

## ENGINE TIMING TOOL FOR MINI 1.6



ADDITIONAL INFORMATION

**54227** 129,00€

2.40 | - | 5 | 120

## ENGINE TIMING TOOL FOR BMW/MINI N13, N18



ADDITIONAL INFORMATION

**54228** 187,00€

5.15 | - | 2 | 48

## ENGINE TIMING TOOL SET FOR BMW/MINI 1.2, 1.5, 2.0, 3.0



ADDITIONAL INFORMATION

**54206** 119,00€

1.75 | - | 5 | 120

## ENGINE TIMING TOOL SET FOR BMW/MINI 1.5, 2.0L



ADDITIONAL INFORMATION

**54398** 44,00€

1.00 | 5 | 10 | 240

## CRANKSHAFT LOCKING AND TURNING KIT BMW/MINI



ADDITIONAL INFORMATION

**54399** 60,00€

5.00 | - | 5 | 120

## ENGINE TIMING TOOLS BMW/RANGE ROVER/OPEL 2.5D

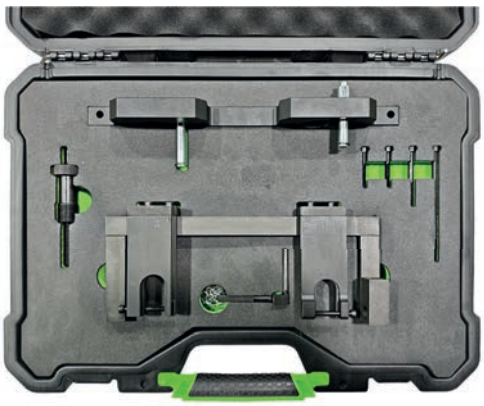


ADDITIONAL INFORMATION

**54400** 149,00€

6.65 | - | 2 | 48

## ENGINE TIMING TOOL SET BMW N20, N26

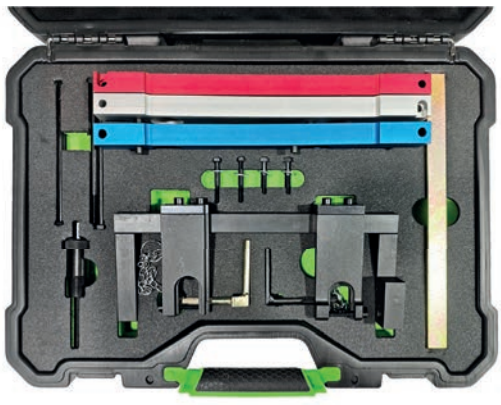


ADDITIONAL INFORMATION

**54402** 212,00€

9.15 | - | 2 | 48

## ENGINE TIMING TOOL SET BMW N51, N52, N53, N54, N55

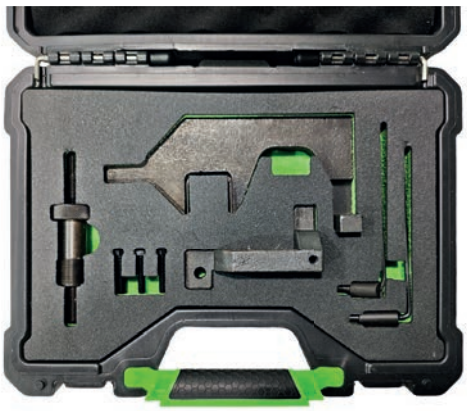


ADDITIONAL INFORMATION

**54401** 60,00€

2.60 | - | 5 | 135

## ENGINE TIMING TOOL SET BMW/MINI N13, N18



ADDITIONAL INFORMATION

**54403** 237,00€

8.25 | - | 2 | 44

## ENGINE TIMING TOOL SET BMW / LAND ROVER



ADDITIONAL INFORMATION

**54405** 117,00€

4.20 | - | 2 | 48

## ENGINE TIMING TOOL SET BMW N63, N74



ADDITIONAL INFORMATION

**54404** 138,00€

5.50 | - | 2 | 44

## ENGINE TIMING TOOLS SET BMW N62, N73



ADDITIONAL INFORMATION

**54324** 12,00€

0.20 | 5 | 50 | -

## TIMING CHAIN WEAR INDICATOR MINI



ADDITIONAL INFORMATION

**54406** 77,00€

2.50 | - | 5 | 135

## ENGINE FLYWHEEL BLOCKER BMW/MINI



ADDITIONAL INFORMATION

**54442** 35,00€

1.00 | 5 | 10 | -

## BMW BALANCE SHAFT AND OIL PUMP ALIGNER



ADDITIONAL INFORMATION

**53268** 92,00€

2.60 | - | 5 | 120

## ENGINE TIMING TOOL SET BMW/MINI/PSA 1.4, 1.6



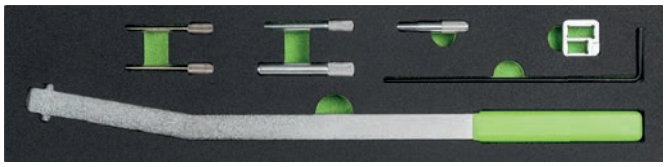
ADDITIONAL INFORMATION



**54722** 37,00€

0.85 | 5 | 10 | 800

## ENGINE TIMING & TENSIONER KIT - FOR FORD & PSA DIESEL



ADDITIONAL INFORMATION

**54739** 62,00€

1.60 | - | 5 | 135

## ENGINE CAMSHAFT TIMING LOCK TOOL PSA PEUGEOT CITROËN



ADDITIONAL INFORMATION

**53313** 146,00€

4.55 | - | 2 | 36

## ENGINE TIMING TOOL SET CITROEN/ PEUGEOT



ADDITIONAL INFORMATION

**53314** 103,00€

1.85 | - | 2 | -

## ENGINE TIMING TOOL SET CITROEN/ PEUGEOT 1.8, 2.0

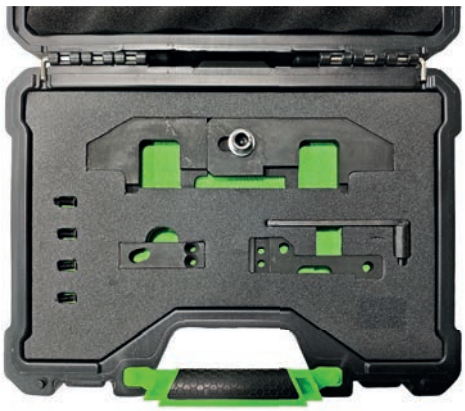


ADDITIONAL INFORMATION

**53876** 64,00€

1.80 | - | 5 | 165

## ENGINE TIMING LOCKING TOOLS SET FOR PSA 1.0, 1.2 VTI



ADDITIONAL INFORMATION

**54288** 72,50€

1.20 | 5 | 10 | 240

## TIMING TOOL FOR PSA 1.2 GDI PURETECH



ADDITIONAL INFORMATION

**54323** 119,00€

2.48 | - | 5 | 135

## ENGINE TIMING LOCKING TOOLS SET FOR PSA 1.0, 1.2 VTI, 1.2 GDI PURETECH

SPARE PARTS AVAILABLE



ADDITIONAL INFORMATION

**16400** 7,00€

0.02 | 10 | 500 | -

## TIMING BELT CHECKING GAUGE PSA (REF.54288)



ADDITIONAL INFORMATION

**54433** 19,00€

0.80 | 5 | 10 | 240

## ENGINE TIMING TOOL SET PSA 1.0, 1.1, 1.2, 1.4, 1.6, 2.0



ADDITIONAL INFORMATION

**54432** 46,00€

1.80 | - | 5 | 135

## ENGINE TIMING TOOL SET PSA 2.7, 3.0 HDI



ADDITIONAL INFORMATION

**54213** 21,00€

0.40 | 6 | 24 | 240

## ENGINE TIMING TOOL SET FOR ROVER/ PEUGEOT/FORD/VOLVO 2.0, 2.2L D



ADDITIONAL INFORMATION

**54462** 54,00€

1.25 | - | 10 | 320

## BALANCER SHAFT ALIGNER - FORD 2.2 DIESEL



ADDITIONAL INFORMATION

**54891** 40,00€

1.45 | - | 5 | 135

NEW

## ENGINE TIMING TOOL SET FOR FORD/ PEUGEOT/CITROËN/JAGUAR/LAND ROVER/ FIAT 2.2TDCI



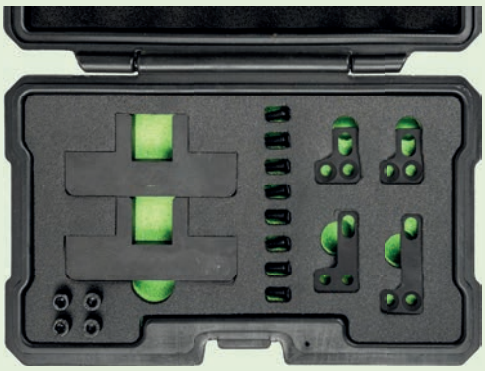
ADDITIONAL INFORMATION

**54947** 73,50€

1.00 | 5 | 10 | 320

NEW

## CAMSHAFT TIMING TOOL KIT FOR FORD 1.0 WET BELT



ADDITIONAL INFORMATION

**54950** 102,50€

2.30 | - | 5 | 90

NEW

## FORD 1.0 TURBO ENGINES TIMING TOOL KIT



ADDITIONAL INFORMATION

**54594** 104,00€

1.80 | - | 5 | 180

## FORD PETROL 1.5 ECOBOOST TIMING KIT



ADDITIONAL INFORMATION

**54592** 96,00€

1.75 | - | 5 | 120

## FORD ECOBOOST PETROL TIMING KIT



ADDITIONAL INFORMATION

**53293** 134,00€

4.15 | - | 2 | 64

## ENGINE TIMING TOOL SET- FORD

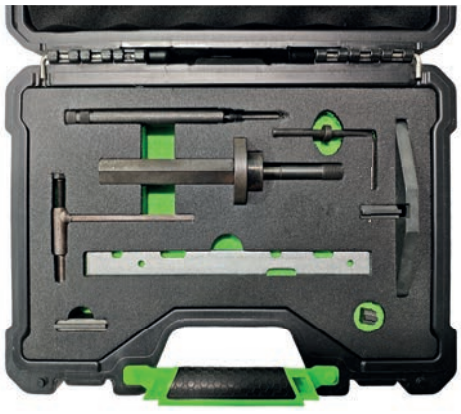


ADDITIONAL INFORMATION

**53295** 81,00€

2.10 | - | 5 | 120

## ENGINE TIMING TOOL SET FORD 1,8TDDI, TDCI



ADDITIONAL INFORMATION

**53296** 63,00€

2.30 | - | 5 | 120

## DIESEL SETTING LOCKING AND INJECTION PUMP KIT FOR FORD/JAGUAR DURATORQ



ADDITIONAL INFORMATION

**53294** 125,00€

3.70 | - | 2 | 40

## ENGINE TIMING TOOL KIT FORD MAZDA



ADDITIONAL INFORMATION

**54421** 55,00€

1.45 | - | 5 | 135

## STRETCH BELT INSTALLATION TOOL FORD/ VOLVO 1.4 1.6

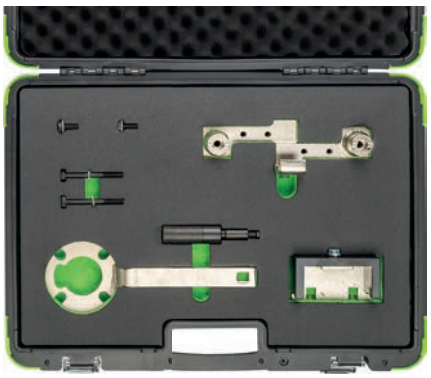


ADDITIONAL INFORMATION

**54420** 108,00€

4.82 | - | 2 | 48

## FUEL ADJUSTMENT SET - FORD / VOLVO 2.5 (EURO 4)



ADDITIONAL INFORMATION

**54424** 68,00€

3.85 | - | 2 | 48

## ENGINE TIMING TOOL SET FORD 2.0 ECOBOOST



ADDITIONAL INFORMATION

**53324** 14,00€

0.30 | 10 | 50 | 990

## FORD / MAZDA / VOLVO ENGINE TIMING TOOL

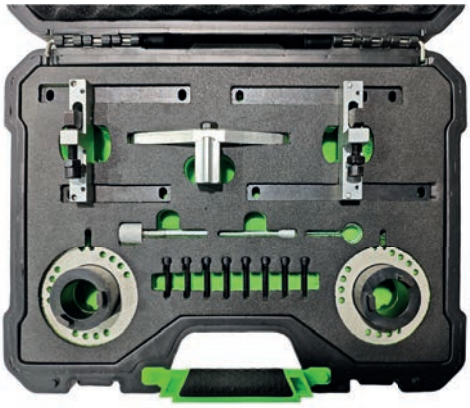


ADDITIONAL INFORMATION

**53653** 207,00€

5.50 | - | 2 | 88

## FORD ENGINE TIMING TOOL SET



ADDITIONAL INFORMATION

**54201** 40,00€

1.05 | 5 | 10 | 240

## ENGINE TIMING TOOL SET FORD

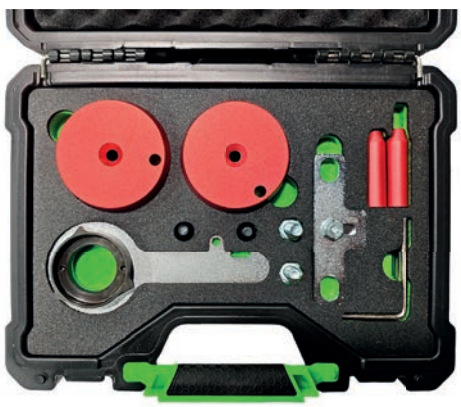


ADDITIONAL INFORMATION

**54204** 124,00€

2.55 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR FORD 2.0 ECOBLUE



ADDITIONAL INFORMATION

**54208** 80,00€

1.95 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR FORD 2.0 ECO BOOST SCTI, TI-VCT



ADDITIONAL INFORMATION

**54209** 32,00€

0.85 | 5 | 10 | 240

## ENGINE TIMING TOOL KIT FOR FORD/MAZDA 2.2, 3.2 TDCI

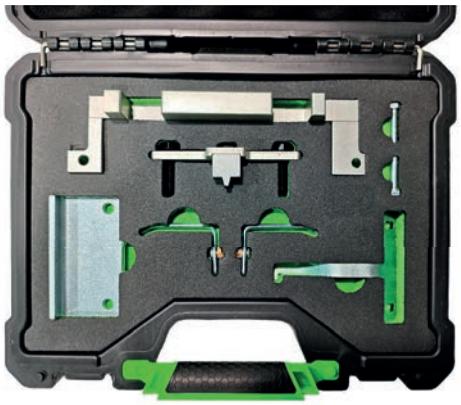


ADDITIONAL INFORMATION

**54223** 157,00€

2.40 | - | 5 | 135

## ENGINE CAMSHAFT SPROCKET LOCKING TOOL FOR FORD 1.5T



ADDITIONAL INFORMATION

**54224** 68,00€

1.75 | - | 5 | 135

## INJECTION PUMP REMOVER/ INSTALLER SET FOR FORD 2.0



ADDITIONAL INFORMATION

**54260** 277,00€

7.50 | - | 2 | 72

## 5:1 TORQUE MULTIPLIER SET FOR FORD ECOBOOST ENGINES



ADDITIONAL INFORMATION

**54463** 140,00€

6.00 | - | 2 | 84

## DIESEL-JAGUAR/LAND ROVER 2.0D SHIM KIT



ADDITIONAL INFORMATION

**54464** 160,00€

6.00 | - | 2 | 40

## PETROL FETTLING KIT -JAGUAR/ LAND ROVER



ADDITIONAL INFORMATION

**54465** 204,00€

1.20 | - | 2 | 48

## PETROL-FIT KIT-JAGUAR/LAND ROVER-3.0/5.0



ADDITIONAL INFORMATION

**53297** 48,00€

1.20 | - | 10 | -

## ENGINE TOOL SET JAGUAR/LAND ROVER




ADDITIONAL INFORMATION

**53298** 96,00€

2.60 | - | 5 | 160

## ENGINE TIMING TOOL SET FOR LAND ROVER



ADDITIONAL INFORMATION

**54422** 147,00€

5.00 | - | 2 | 48

## BALANCE AXLE ADJUSTMENT KIT JAGUAR/ LAND ROVER 2.0D



ADDITIONAL INFORMATION

**54423** 114,00€

2.13 | - | 5 | 135

## ENGINE TIMING TOOL SET LAND ROVER 3.6D



ADDITIONAL INFORMATION

**54425** 131,00€

4.85 | - | 2 | 44

## ENGINE TIMING TOOL SET LAND ROVER FREELANDER V6/ROVER KV6 2.0L, 2.5L



ADDITIONAL INFORMATION

**54426** 73,00€

2.70 - 5 135

## ENGINE TIMING TOOLS SET JAGUAR/LAND ROVER 3.2, 3.5, 4.0, 4.2, 4.4



ADDITIONAL INFORMATION

**54427** 119,00€

5.55 - 2 48

## CRANKSHAFT PULLEY LOCKING TOOL JAGUAR/LAND ROVER 4.0, 4.2, 4.4



ADDITIONAL INFORMATION

**54846** 239,00€

4.00 - 2 36 NEW

## TIMING TOOL KIT FOR JAGUAR/LAND ROVER 2.0L (DIESEL)



ADDITIONAL INFORMATION

**54744** 61,00€

2.40 - 5 135 NEW

## TIMING TOOL FOR FIAT/JEEP 1.0&1.3L

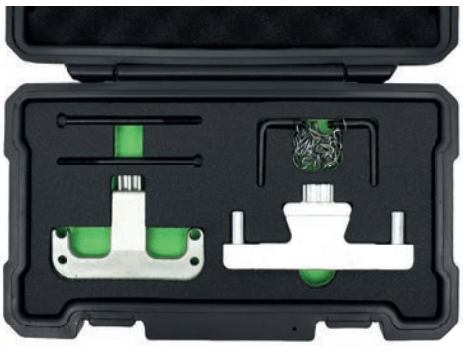


ADDITIONAL INFORMATION

**53270** 74,00€

1.40 - 10 -

## ENGINE TIMING TOOL KIT MERCEDES/ CHRYSLER/JEEP



ADDITIONAL INFORMATION

**54207** 41,00€

1.30 5 10 240

## ENGINE TIMING TOOL SET FOR CHRYSLER/ JEEP LDV 2.5 CRD

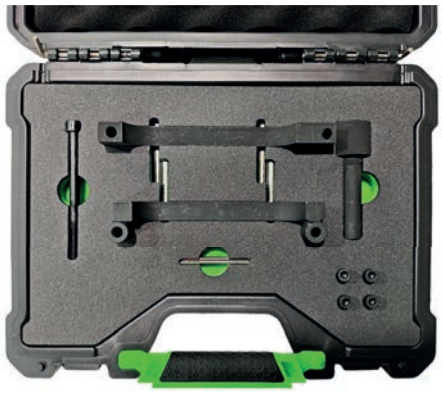


ADDITIONAL INFORMATION

**54429** 58,00€

1.90 | - | 5 | 135

## ENGINE TIMING TOOL SET CHRYSLER/JEEP 3.0D



ADDITIONAL INFORMATION

**54428** 33,00€

1.03 | 5 | 10 | 240

## ENGINE TIMING TOOL SET CHRYSLER/JEEP 2.8 CRD



ADDITIONAL INFORMATION

**54738** 167,00€

2.40 | - | 5 | 120

## CAMSHAFT LOCKING KIT FOR MERCEDES DIESEL ENGINES



ADDITIONAL INFORMATION

**53273** 79,00€

1.00 | - | 10 | 320

## ENGINE TIMING TOOL FOR MERCEDES M276, M157, M278




ADDITIONAL INFORMATION

**53272** 205,00€

2.10 | - | 5 | 160

## MERCEDES BENZ AMG 156 TIMING TOOL KIT

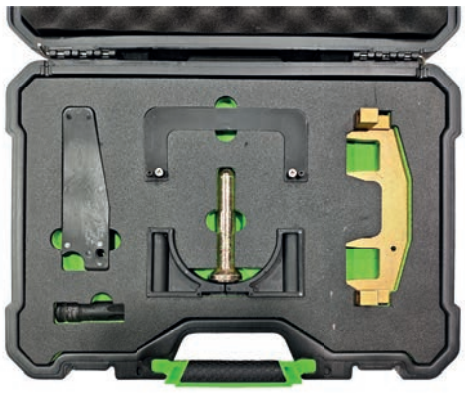


ADDITIONAL INFORMATION

**53271** 239,00€

4.55 | - | 2 | 48

## ALIGNMENT TOOL SET FOR MERCEDES BENZ M271



ADDITIONAL INFORMATION

**54414** 97,50€

2.50 | - | 5 | 135

## ENGINE TIMING TOOL SET MERCEDES M651



ADDITIONAL INFORMATION

**54415** 63,00€

1.60 | 5 | 10 | 240

## ENGINE TIMING TOOL SET MERCEDES M651



ADDITIONAL INFORMATION

**54416** 33,00€

0.86 | 5 | 10 | 240

## ENGINE TIMING TOOL SET MERCEDES M642



ADDITIONAL INFORMATION

**54949** 482,50€

8.70 | - | 1 | 24

NEW

## MERCEDES M176/M177/M178 TIMING TOOL KIT

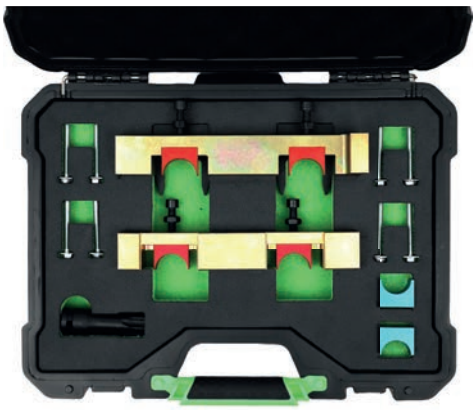


ADDITIONAL INFORMATION

**54417** 161,00€

6.80 | - | 2 | 84

## ENGINE TIMING TOOL SET MERCEDES M133, M270, M274



ADDITIONAL INFORMATION

**54418** 39,00€

1.75 | - | 5 | 135

## ENGINE TIMING TOOL SET MERCEDES M112, M113



ADDITIONAL INFORMATION

**54899** 92,00€

2.50 | - | 5 | 80

NEW

## ENGINE TIMING TOOL KIT FOR RENAULT/ OPEL/NISSAN 2.0 BLUE DCI M9R



ADDITIONAL INFORMATION

**53290** 54,00€

1.90 | - | 5 | 120

## ENGINE TIMING TOOL SET FOR RENAULT/ VOLVO 16V, 20V



ADDITIONAL INFORMATION

**51488** 16,00€

0.25 | 5 | 50 | 1200

## DIESEL AND PETROL ENGINE TIMING PINS SET FOR RENAULT/NISSAN/DACIA/SUZUKI



ADDITIONAL INFORMATION

**53311** 97,00€

2.55 | - | 5 | 120

## ENGINE TIMING TOOL SET RENAULT/ NISSAN/OPEL/VAUXHALL 1.6, 2.0, 2.3 DCI

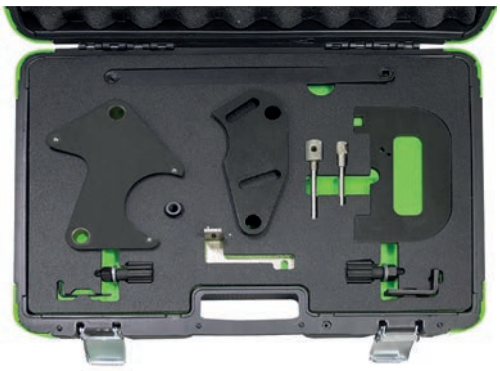


ADDITIONAL INFORMATION

**54593** 127,00€

4.00 | - | 2 | 48

## RENAULT 1.4, 1.6, 1.82.0 16V TWIN TIMING KIT



ADDITIONAL INFORMATION

**53289** 48,00€

1.50 | 5 | 10 | 250

## PETROL ENGINE TIMING KIT RENAULT 1.4, 1.6, 1.8, 2.0 16V



ADDITIONAL INFORMATION

**53523** 94,00€

2.50 | - | 5 | 135

## DIESEL ENGINE LOCKING KIT RENAULT/ NISSAN/OPEL 1.6, 2.0, 2.3 DCI



ADDITIONAL INFORMATION

**53292** 122,00€

2.35 | - | 5 | 135

## ENGINE TIMING TOOL SET RENAULT/OPEL 2.2, 2.5 TDI DCI



ADDITIONAL INFORMATION

**53291** 72,00€

2.50 | - | 5 | 165

## ENGINE TIMING TOOL SET RENAULT



ADDITIONAL INFORMATION

**54210** 89,00€

1.80 | - | 5 | 135

## ENGINE CAMSHAFT SPROCKET LOCKING TOOL FOR RENAULT 1.8, 2.0 16V



ADDITIONAL INFORMATION

**54225** 140,00€

2.20 | - | 5 | 135

## FLYWHEEL / CRANKSHAFT PULLEY LOCKING SET FOR RENAULT/NISSAN



ADDITIONAL INFORMATION

**54438** 42,00€

1.50 | - | 5 | 135

## ENGINE TIMING TOOL SET RENAULT/NISSAN 3.0DCI



ADDITIONAL INFORMATION

**54289** 40,00€

1.40 | 5 | 10 | 240

## FLYWHEEL LOCK KIT FOR MERCEDES/ RENAULT/DACIA/NISSAN



ADDITIONAL INFORMATION

**54477** 62,00€

1.30 | - | 10 | 320

## DIESEL ENGINE OPEL/CHEVREOLET SUZUKI 1.9 & 2.5 DTI - CDTI



ADDITIONAL INFORMATION

**54439** 35,00€

1.10 | 10 | 50 | 240

## CRANKSHAFT PULLEY LOCKER RENAULT/ DACIA 0.9, 1.0, 1.2, 1.6 TCE



ADDITIONAL INFORMATION

**53299** 306,00€

6.70 | - | 2 | 42

## TIMING TOOL KIT FOR OPEL/ VAUXHALL (GM)



ADDITIONAL INFORMATION



**54831** 82,00€

2.70 | - | 2 | 72

NEW

## TIMING TOOL KIT FOR OPEL/VAUXHALL 1.0, 1.4



ADDITIONAL INFORMATION

**54893** 105,00€

9.00 | - | 5 | 80

NEW

## TIMING TOOL KIT FOR OPEL/VAUXHALL 2.0CDTI - BELT DRIVE



ADDITIONAL INFORMATION

**53300** 44,00€

1.25 | - | 10 | 270

## ENGINE TOOL TIMING SET FOR OPEL/ VAUXHALL/CHEVROLET 2,0CDI



ADDITIONAL INFORMATION

**53301** 47,00€

1.15 | 5 | 10 | 240

## ENGINE TIMING TOOL SET FOR SUZUKI/OPEL 1.0, 1.2, 1.4



ADDITIONAL INFORMATION

**53302** 47,00€

1.10 | 5 | 10 | 240

## ENGINE TIMING TOOL SET FIAT/ALFA ROMEO/VAUXHALL/OPEL/SAAB JTD



ADDITIONAL INFORMATION

**53305** 143,00€

3.60 | - | 2 | 42

## ENGINE TIMING TOOL SET SAAB/OPEL/ VAUXHALL

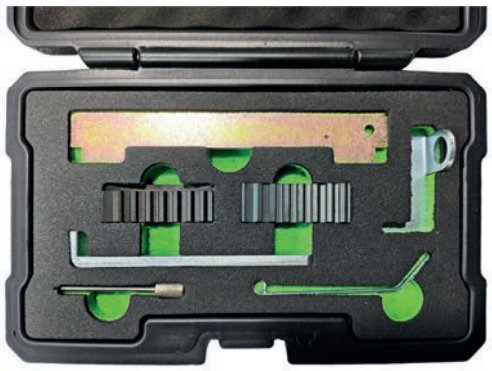


ADDITIONAL INFORMATION

**53307** 41,00€

0.98 | 5 | 10 | 240

## ENGINE TIMING TOOL SET ALFA/OPEL/ VAUXHALL 1.6, 1.8 16V



ADDITIONAL INFORMATION

**53316** 36,00€

0.70 | - | 10 | -

## CAMSHAFT HOLDING TOOL FIAT/OPEL/ VAUXHALL 2.2 16V CHAIN DRIVE



ADDITIONAL INFORMATION

**53317** 36,00€

0.64 | - | 12 | -

## COOLANT PUMP SPROCKET RETAINER OPEL/VAUXHALL 2.2

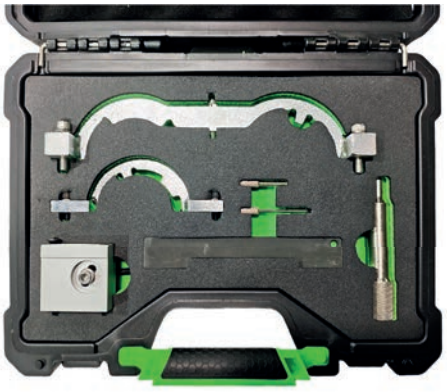


ADDITIONAL INFORMATION

**53651** 91,00€

2.05 | - | 5 | 135

## OPEL/VAUXHALL 1.0, 1.2, 1.4 TURBO ENGINE TIMING TOOL SET



ADDITIONAL INFORMATION

**53452** 28,00€

0.80 | 5 | 10 | 240

## ENGINE TIMING TOOL SET OPEL/FORD/FIAT/ ALFA ROMEO/LANCIA/SUZUKI



ADDITIONAL INFORMATION

**54437** 116,00€

4.45 | - | 2 | 48

## ENGINE TIMING TOOL SET OPEL/ CHEVROLET/SAAB 2.0, 2.4



ADDITIONAL INFORMATION

**54435** 16,00€

0.15 | 5 | 50 | 2100

## ENGINE TIMING TOOL SET OPEL/ CHEVROLET/SAAB 1.4, 1.6, 1.8 ECOTEC



ADDITIONAL INFORMATION

**54205** 52,00€

1.50 | 5 | 10 | 240

## ENGINE TIMING TOOL KIT FOR VAUXHALL/ OPEL 1.6 CDTI

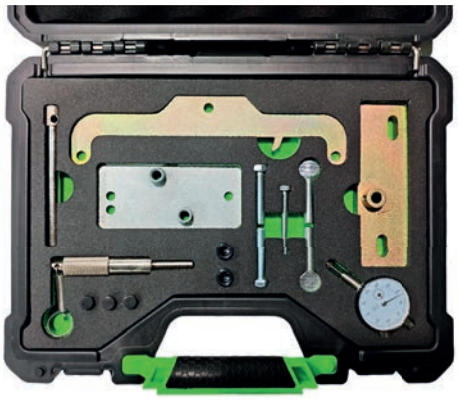


ADDITIONAL INFORMATION

**54214** 101,00€

1.80 | - | 5 | 135

## ENGINE TIMING TOOL SET OPEL/ISUZU 1.6D, 1.7D



ADDITIONAL INFORMATION

**54217** 110,00€

2.10 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR VAUXHALL/ OPEL/SAAB 2.0, 2.2 DTI



ADDITIONAL INFORMATION

**54221** 117,00€

2.80 | - | 5 | 135

## ENGINE TIMING TOOL SET FOR VAUXHALL/ OPEL 1.3 CDTI

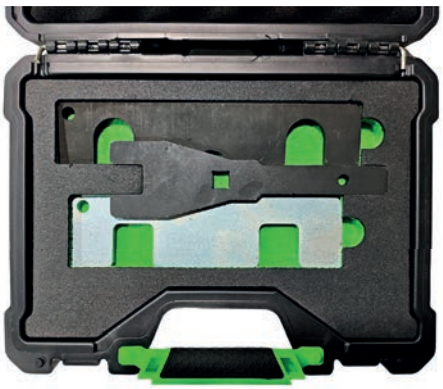


ADDITIONAL INFORMATION

**54434** 51,00€

2.50 | - | 5 | 135

## ENGINE TIMING TOOL SET OPEL 1.0, 1.4, 1.5



ADDITIONAL INFORMATION

**54436** 131,00€

4.30 | - | 5 | 135

## ENGINE TIMING TOOL SET OPEL 1.6 SIDI



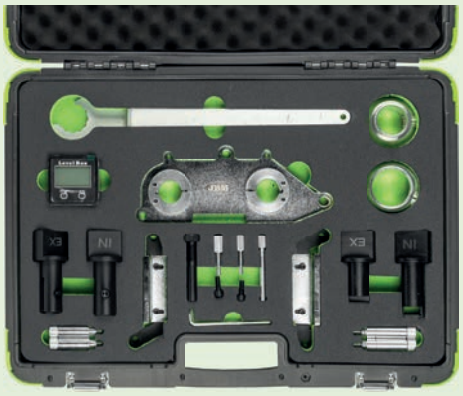
ADDITIONAL INFORMATION

**54746** 306,00€

6.00 | - | 2 | 36

NEW

## TIMMING TOOL FOR VAG 1.0/1.2/1.4/1.5/1.6 TSI PETROL



ADDITIONAL INFORMATION

**51489** 13,00€

0.35 | 10 | 40 | 800

## CAMSHAFT LOCKING TOOL VAG 1.4, 1.6




ADDITIONAL INFORMATION

**52271** 18,00€

0.45 | 10 | 40 | 960

## ENGINE TIMING TOOL SET VAG



ADDITIONAL INFORMATION

**54454** 192,00€

6.25 | - | 2 | 40

## ENGINE TIMING TOOL SET AUDI 3.0 FSI/TFSI/ RS



ADDITIONAL INFORMATION

**55008** 109,00€

4.65 | - | 2 | 42

NEW

## TIMING TOOL KIT FOR VAG 1.8 2.0TSI TFSI



ADDITIONAL INFORMATION

**53278** 151,00€

4.75 | - | 2 | 48

## AUDI VW ENGING TIMING TOOL SET AUDI 2.8, 3.2 FSI, 3.0 TFSI



ADDITIONAL INFORMATION

**53274** 33,00€

0.95 | 5 | 10 | 240

## VOLKSWAGEN/SEAT/SKODA 1,2L ENGINE TIMING TOOL KIT

SPARE PARTS AVAILABLE

ADDITIONAL INFORMATION



**53275** 38,00€

0.70 | 5 | 10 | 240

## DIESEL ENGINE TIMING CRANK LOCKING TOOLS VW-AUDI

ADDITIONAL INFORMATION



**53276** 168,00€

5.30 | - | 2 | 40

## ENGINE TIMING TOOL AUDI/VW/SKODA

ADDITIONAL INFORMATION



**53279** 102,00€

2.10 | - | 5 | 120

## VW/AUDI 1.8, 2.0, TSI, TFSI SOHC TURBO ENGINE TIMING TOOL SET

ADDITIONAL INFORMATION



**53277** 48,00€

1.60 | - | 5 | 165

## TIMING BELT DOUBLE PIN WRENCHES TOOLS SET FOR VW&AUDI

ADDITIONAL INFORMATION



**53280** 118,00€

3.50 | - | 5 | 165

## TIMING TOOL KIT VAG 3.0 V6

ADDITIONAL INFORMATION



**53281** 58,00€

1.30 – 5 –

## CAMSHAFT ALGINMENT TOOL VW/AUDI



ADDITIONAL INFORMATION

**53282** 51,00€

1.75 – 5 180

## FRETWORK KIT VAG GROUP 1.2, 1.4, 1.6



ADDITIONAL INFORMATION

**53283** 97,00€

2.10 – 5 120

## SHIM KIT GROUP VAG 2.7, 3.0 TDI



ADDITIONAL INFORMATION

**53284** 322,00€

8.90 – 2 48

## TIMING KIT GROUP VAG 2.5 TDI



ADDITIONAL INFORMATION

**53285** 59,00€

1.95 – 5 120

## DIESEL ENGINE SETTING/LOCKING KIT VAG 2.4, 2.5, SDI, TDI



ADDITIONAL INFORMATION

**53288** 76,00€

2.05 – 5 135

## TIMING TOOL SET FOR VAG 1.6, 2.0 TDI COMMON RAIL



SPARE PARTS AVAILABLE

ADDITIONAL INFORMATION

**53320** 13,00€

0.15 | 10 | 40 | -

## TIMING TOOLS SET FOR VAG



ADDITIONAL INFORMATION

**53326** 17,00€

0.30 | - | 40 | 960

## ENGINE TIMING TOOLS VW/AUDI



ADDITIONAL INFORMATION

**53327** 12,00€

0.20 | 10 | 60 | 5040

## ENGINE TIMING TOOLS VAG 1.2



ADDITIONAL INFORMATION

**54092** 26,00€

0.80 | 5 | 10 | 240

## TIMING TOOL SET FOR VAG 1.2 TFSI



ADDITIONAL INFORMATION

**53325** 8,00€

0.10 | 20 | 100 | -

## TENSIONER PULLEY WRENCH FOR VW AUDI



ADDITIONAL INFORMATION

**53321** 12,00€

0.25 | 10 | 50 | -

## TENSIONER WRENCH FOR VAG

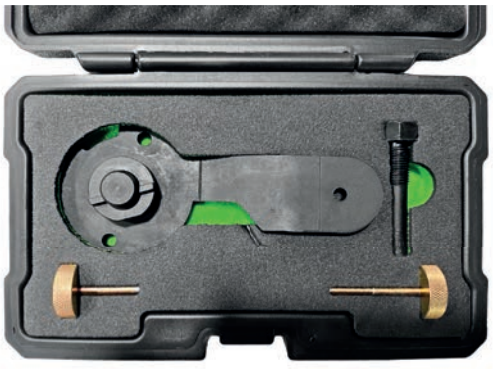


ADDITIONAL INFORMATION

**54409** 34,00€

1.33 | 5 | 10 | 240

## ENGINE TIMING TOOL SET VAG 1.4 TSI

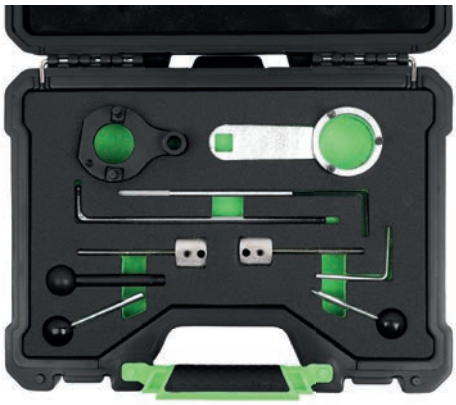


ADDITIONAL INFORMATION

**53706** 98,00€

1.95 | - | 5 | 165

## TIMING TOOL KIT VAG 1.4, 1.6, 2.0 TDI COMMON RAIL



ADDITIONAL INFORMATION

**54408** 49,00€

1.85 | - | 5 | 165

## ENGINE TIMING TOOLS SET VAG DIESEL 1.7, 1.9, SDI, TDI



ADDITIONAL INFORMATION

**54411** 38,00€

1.58 | 5 | 10 | 240

## ENGINE TIMING TOOL SET VAG/PORSCHE 2.4, 2.8, 3.0 TFSI

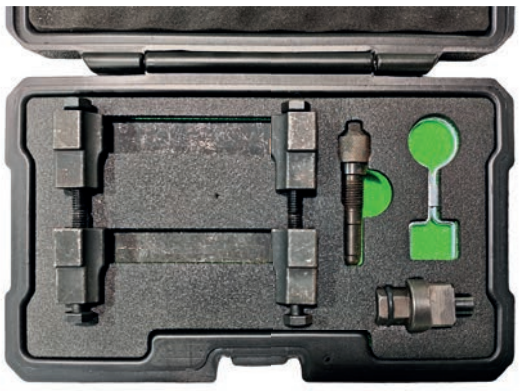


ADDITIONAL INFORMATION

**54410** 36,00€

1.50 | - | 10 | 240

## ENGINE TIMING TOOLS SET VAG 2.4, 3.2 FSI



ADDITIONAL INFORMATION

**53286** 92,00€

2.00 | - | 5 | 135

## ENGINE TIMING TOOL KIT VAG 1.8, 2.0 TSI, TFSI



ADDITIONAL INFORMATION

**53287** 258,00€

4.60 - 2 64

## TURBO TIMING SET VW/AUDI 1.8, 2.0 TURBO

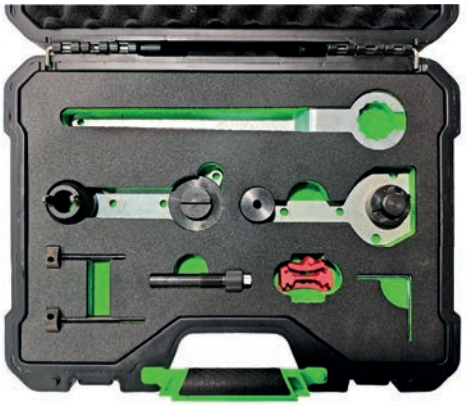


ADDITIONAL INFORMATION

**53648** 107,00€

3.70 - 2 84

## TIMING BELT SETTING KIT FOR VAG 1.2, 1.4 TSI



ADDITIONAL INFORMATION

**53649** 89,00€

3.48 - 2 84

## VAG GROUP ENGINE TIMING TOOL SET



ADDITIONAL INFORMATION

**53315** 300,00€

7.15 - 2 42

## ENGINE TIMING TOOL SET VOLVO 3.0, 3.2T6 / LAND ROVER 3.2

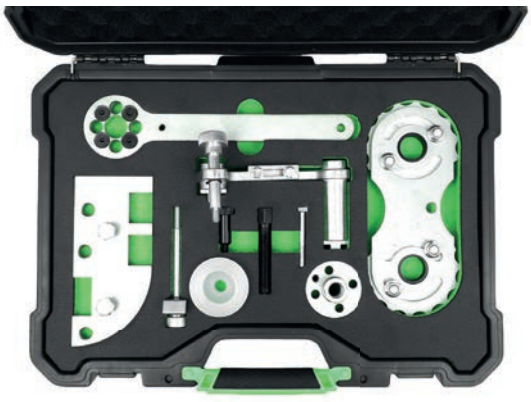


ADDITIONAL INFORMATION

**54467** 184,00€

7.50 - 2 48

## PETROL-VOLVO 1.5/2.0 DRAFT KIT



ADDITIONAL INFORMATION

**54466** 115,00€

1.30 - 5 165

## DIESEL-VOLVO 2.0D DRAFT KIT



ADDITIONAL INFORMATION

**54431** 194,00€

2.50 | - | 5 | 135

## ENGINE TIMING TOOL SET ALFA ROMEO/ MASERATI 2.9



ADDITIONAL INFORMATION

**54413** 121,00€

2.68 | - | 5 | 135

## ENGINE TIMING TOOL SET AUDI 4.0 FSI, TFSI



ADDITIONAL INFORMATION

**54412** 60,00€

2.19 | - | 5 | 240

## ENGINE TIMING TOOL SET AUDI 2.5 TFSI



ADDITIONAL INFORMATION

**54226** 75,00€

2.10 | - | 5 | 120

## PULLER SET FOR HIGH PRESSURE PUMP PULLEY FOR HYUNDAI/KIA



ADDITIONAL INFORMATION

**54200** 59,00€

1.15 | 5 | 10 | 240

## ENGINE TIMING TOOL SET FOR PORSCHE

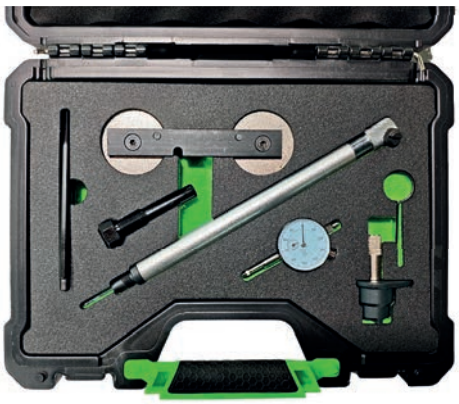


ADDITIONAL INFORMATION

**54199** 95,00€

2.10 | - | 5 | 120

## ENGINE TIMING TOOL KIT FOR VAG TFSI, FSI

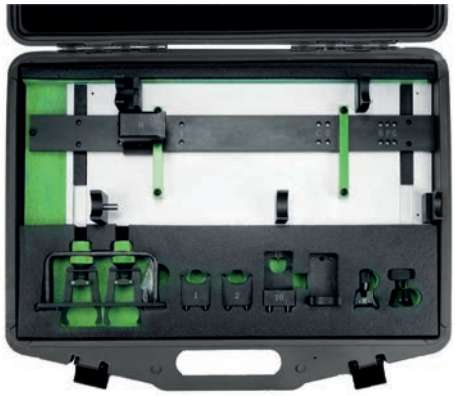


ADDITIONAL INFORMATION

**54407** 417,00€

12.50 – 1 26

## CAMSHAFT ASSEMBLY TOOL KIT FOR VAG/ PORSCHE

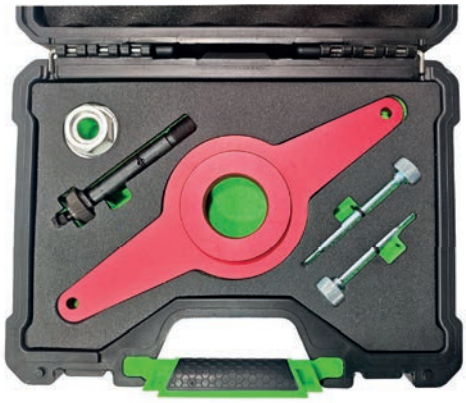


ADDITIONAL INFORMATION

**54218** 150,00€

1.95 – 5 135

## VAG VIBRATION DAMPER ASSEMBLY TOOL

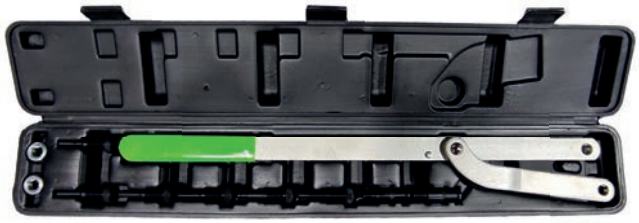


ADDITIONAL INFORMATION

**51340** 39,30€

2.15 – 6 198

## UNIVERSAL PULLEY & FAN CLUTCH HOLDER SET

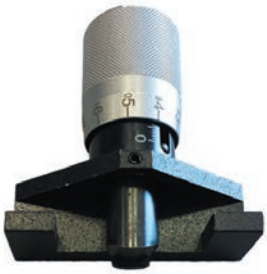


ADDITIONAL INFORMATION

**52616** 47,00€

0.35 10 40 800

## CAMBELT TENSIONER GAUGE



ADDITIONAL INFORMATION

**53769** 195,00€

5.90 – 2 32

## ENGINE TIMING LOCKING TOOLS SET FOR RENAULT/NISSAN/OPEL/VOLVO

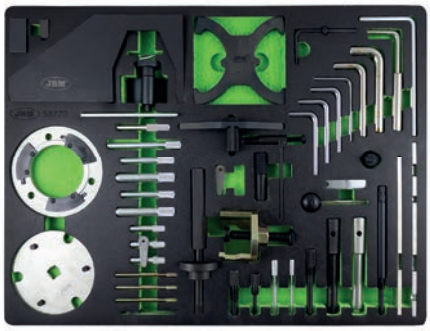


ADDITIONAL INFORMATION

**53770** 221,00€

6.15 – 3 36

## ENGINE TIMING LOCKING TOOLS SET FOR FORD/SEAT/VOLKSWAGEN/MAZDA/VOLVO



ADDITIONAL INFORMATION

**53771** 158,00€

4.05 | - | 3 | 36

## ENGINE TIMING LOCKING TOOLS SET FOR FIAT/FORD/CITROËN/PEUGEOT



ADDITIONAL INFORMATION

**53772** 257,00€

6.40 | - | 3 | 36

## ENGINE TIMING LOCKING TOOLS SET FOR FORD/VAG/MAZDA/VOLVO



ADDITIONAL INFORMATION

**53773** 327,00€

6.60 | - | 3 | 36

## ENGINE TIMING LOCKING TOOLS SET FOR FIAT/ ALFA/LANCIA/OPEL/SUZUKI/FORD

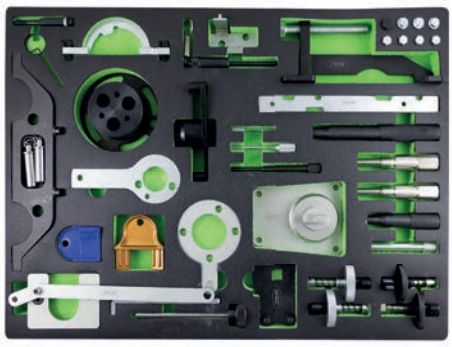


ADDITIONAL INFORMATION

**53774** 208,00€

6.95 | - | 3 | 36

## ENGINE TIMING LOCKING TOOLS SET FOR OPEL/CHEVROLET/SAAB/FIAT/LANCIA/ SUZUKI/FORD



ADDITIONAL INFORMATION

## 7 DRAWER TOOL TROLLEYS

**SPECIAL FOR TIMING TOOLS**

| REF. | DRAWERS | COLOR | | | | | € |
|---|---|---|---|---|---|---|---|
| 53951 | 7 | ● | 94.70 | - | 1 | 4 | 1.794,00€ |
| 53952 | 7 | ● | 94.70 | - | 1 | 4 | 1.794,00€ |
| 54501 | 7 | ● | 94.70 | - | 1 | 4 | 1.794,00€ |
| 54502 | 7 | ● | 94.70 | - | 1 | 4 | 1.794,00€ |



**IT CONTAINS**

**53775** 1.378,00€

15.50 | - | 1 | 6

SET OF 6 TIMING TOOL MODULES



# FUEL/ LUBRICATION


**336** DIESEL FUEL SUPPLY PUMPS

**338** UREA SUPPLY PUMPS

**340** EXTRACTION/FILLING PUMPS

**344** OIL COLLECTORS

**345** OIL COLLECTOR BUCKETS

**346** SUCTION GUNS

**346** OTHERS




## 53697

398,00€

17.00 | - | 1 | 18

AUTO STOP

### DIESEL TRANSFER PUMP SYSTEM WITH DISPENSING NOOZLE AND METER (200V-240V)

| | |
|---|---|
| **Voltage** | 220-240V |
| **Power** | 550W |
| **Delivery flow** | 20-65L/min |
| **Cable lenght** | 2m |
| **Suction hose length** | 2m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic stop |
| **Weight** | 17,00Kg |



SPARE PARTS AVAILABLE

## 53610

298,00€

13.00 | - | 1 | 30

AUTO STOP

### DIESEL TRANSFER PUMP WITH DISPENSING NOOZLE (230V)

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 550W |
| **Delivery flow** | 60L/min |
| **Maximum suction height** | 3m |
| **Suction hose length** | 2m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic stop |
| **Weight** | 13,00Kg |



SPARE PARTS AVAILABLE

## 53609

194,00€

7.30 | - | 1 | 32

AUTO STOP

### DIESEL TRANSFER PUMP WITH DISPENSING NOOZLE (12V)

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 175W |
| **Delivery flow** | 45L/min |
| **Maximum suction height** | 3m |
| **Suction hose length** | 2m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic stop |
| **Weight** | 7,30Kg |



SPARE PARTS AVAILABLE

## 54877

2.990,00€

67.00 | - | 1 | 2

NEW

AUTO STOP

### DIESEL AND AUS32 FUEL PUMP WITH 330+50L DUAL TANK

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | Diésel: 180W / AUS32: 120W |
| **Operating pressure** | 2,75BAR |
| **Capacity** | Diésel 330L / AUS32 50L |
| **Delivery flow** | Diésel 40l/min, AUS32 17l/min |
| **Cable lenght** | 4m |
| **Supply hose length** | 4m |
| **Type** | Diesel: Automatic Stop, AUS32: Manual |
| **Weight** | 68,00Kg |
| **Dimensions (LxWxH)** | 1145x785x705mm |



SPARE PARTS AVAILABLE

## 54881

1.149,00€

34.00 | - | 1 | 3

NEW

AUTO STOP

### ELECTRIC DIESEL FUEL PUMP WITH 210L TANK



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 180W |
| **Operating pressure** | 2,75BAR |
| **Capacity** | 210L |
| **Delivery flow** | 40L/min |
| **Cable lenght** | 4m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic stop |
| **Weight** | 30,42Kg |
| **Dimensions (LxWxH)** | 1100x800x450mm |

## 54876

1.998,00€

52.00 | - | 1 | 2

NEW

AUTO STOP

### ELECTRIC DIESEL FUEL PUMP WITH 400L TANK



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 180W |
| **Operating pressure** | 2,75BAR |
| **Capacity** | 400L |
| **Delivery flow** | 40L/min |
| **Cable lenght** | 4m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic stop |
| **Weight** | 53,00Kg |
| **Dimensions (LxWxH)** | 1140x800x710mm |

## 54875

1.049,00€

28.00 | - | 1 | 4

NEW

AUTO STOP

### ELECTRIC DIESEL FUEL PUMP WITH 200L TANK

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 180W |
| **Operating pressure** | 2,75BAR |
| **Capacity** | 200L |
| **Delivery flow** | 40L/min |
| **Cable lenght** | 4m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic stop |
| **Weight** | 35,00Kg |
| **Dimensions (LxWxH)** | 800x595x585mm |



SPARE PARTS AVAILABLE



## 54898

16,50€

0.13 | 10 | 10 | 2400

NEW

### VAG DSG 7 GEAR BOX OIL FILLING ADAPTOR



| | |
|---|---|
| **Pieces** | 2 |
| **Brands** | VAG |
| **Weight** | 0,12Kg |
| **Lenght** | 245mm |

## 54100 — 265,00€

4.00 | - | 4 | 24

### DIESEL ELECTRIC PUMP 205L



| | |
|---|---|
| **AC voltage measurement** | 12V |
| **DC voltage measurement** | 100-240V |
| **Delivery flow** | 18,4L/min |
| **Cable lenght** | 4m |
| **Suction hose length** | 850-1245mm |
| **Supply hose length** | 2m |
| **Type** | Diesel |
| **Weight** | 4,00Kg |

## 53645 — 268,00€

3.10 | - | 4 | 24 | UREA AUS32

### ELECTRIC PUMP FOR UREA AUS32 205L



SPARE PARTS AVAILABLE

| | |
|---|---|
| **AC voltage measurement** | 100-240V |
| **DC voltage measurement** | 12V |
| **Delivery flow** | 18,4L/min |
| **Cable lenght** | 2m |
| **Suction hose length** | 850-1245mm |
| **Supply hose length** | 2m |
| **Type** | UREA AUS32 |
| **Weight** | 3,10Kg |

## 54880 — 790,00€

11.50 | - | 1 | 18 | NEW | AUTO STOP | UREA AUS32

### AUS32 ELECTRIC SUPPLY PUMP WITH ELECTRONIC METER 280W

SPARE PARTS AVAILABLE



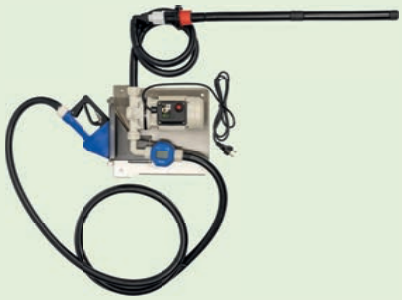
| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 280W |
| **Operating pressure** | 1,5BAR |
| **Delivery flow** | 26L/min |
| **Cable lenght** | 2m |
| **Suction hose length** | 2m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic Stop |
| **Weight** | 13,00Kg |

## 54878 — 890,00€

15.00 | - | 1 | 15 | NEW | AUTO STOP | UREA AUS32

### AUS32 ELECTRIC SUPPLY PUMP WITH ELECTRONIC METER 370W

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 370W |
| **Operating pressure** | 1,5BAR |
| **Delivery flow** | 40L/min |
| **Cable lenght** | 2m |
| **Suction hose length** | 2m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic stop |
| **Weight** | 13,00Kg |

## 54879

890,00€

15.00 | - | 1 | 15

NEW

AUS32 ELECTRIC SUPPLY PUMP WITH ELECTRONIC METER 370W

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 370W |
| **Operating pressure** | 1,5BAR |
| **Delivery flow** | 40L/min |
| **Cable lenght** | 2m |
| **Suction hose length** | 2m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic Stop |
| **Weight** | 13,00Kg |

SPARE PARTS AVAILABLE



## 15631

98,00€

1.15 | - | 10 | 180

AUTOMATIC NOOZLE FOR UREA AUS32 SUPPLY



| | |
|---|---|
| **Fluid inlet** | 19mm |
| **Fluid outlet** | 15mm |
| **Maximum flow rate** | 35L/min |
| **Type** | UREA AUS32 |
| **Compatible with** | 53645 |
| **Weight** | 1,15Kg |

## 13982

4,00€

0.03 | - | 100 | -

LEVER PUMP THREAD ADAPTER



| | |
|---|---|
| **Female thread size** | 570mm |
| **Male thread size** | 555mm |
| **Type** | Urea AUS32 |
| **Weight** | 0,05Kg |
| **Dimensions (LxWxH)** | 72x52x52mm |

## 53644

1.238,00€

18.15 | - | 1 | 4

UREA AUS32 TANK 75L



| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 120W |
| **Operating pressure** | 2,75BAR (40PSI) |
| **Capacity** | 75L |
| **Delivery flow** | 10L/min |
| **Cable lenght** | 4m |
| **Supply hose length** | 4m |
| **Type** | Paro automático/Automatic Stop |
| **Weight** | 18,15Kg |
| **Dimensions (LxWxH)** | 1040x410x520mm |



## 52329

36,40€

| 0.98 | - | 10 | 150 |
|---|---|---|---|
| Kg. | SUB | | |

UREA AUS32

### PLASTIC LEVER PUMP



| | |
|---|---|
| **Delivery flow** | 350ml (15L/min) |
| **Suction hose length** | 320-900mm |
| **Compatible with** | Bidones/Canisters 25L, 50L, 200L |
| **Viscosity** | 200mPas |
| **Material** | PP |
| **Weight** | 0,98Kg |

## 54882

519,00€

| 12.00 | - | 1 | 8 |
|---|---|---|---|
| Kg. | SUB | | |

NEW

UREA AUS32

### ELECTRIC PUMP FOR AUS32 WITH 50L TANK



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 120W |
| **Operating pressure** | 2,75BAR |
| **Capacity** | 50L |
| **Delivery flow** | 17L/min |
| **Cable lenght** | 4m |
| **Supply hose length** | 4m |
| **Type** | Pistola manual/Manual gun |
| **Weight** | 12,00Kg |
| **Dimensions (LxWxH)** | 570x380x450mm |

## 54514

109,00€

| 3.50 | - | 4 | 32 |
|---|---|---|---|
| Kg. | SUB | | |

### PNEUMATIC/MANUAL OIL EXTRACTOR PUMP 6.5L



| | |
|---|---|
| **Capacity** | 6,5L |
| **Operating pressure** | 2,76-11,72BAR |
| **Air intake** | 1/4" |
| **Operating temperature** | 2/80°C |
| **Weight** | 3,50Kg |
| **Dimensions (LxWxH)** | 225x215x565mm |

## 54555

149,00€

| 4.00 | - | 1 | 28 |
|---|---|---|---|
| Kg. | SUB | | |

### PNEUMATIC TRANSMISSION PUMP 10L WITH 15 ADAPTERS






| | |
|---|---|
| **Capacity** | 10L |
| **Hoses** | 4 |
| **Adapters** | 15 |
| **Operating pressure** | 2,8-11,7BAR |
| **Air intake** | 1/4" |
| **Operating temperature** | -3/140°C |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 280x245x530mm |

## 52797

198,00€

| 5.00 | - | 1 | 24 |
|---|---|---|---|
| Kg | SUB | | |

### TRANSMISSION OIL FILLING SYSTEM 7.5L

| | |
|---|---|
| **Capacity** | 7,5L |
| **Discharge** | 80cc |
| **Viscosity** | 140SAE |
| **Contains** | 15 Adaptadores/Adapters |
| **Weight** | 5,00Kg |
| **Dimensions (LxWxH)** | 270x270x480mm |

SPARE PARTS AVAILABLE



## 53566

32,00€

| 1.00 | 5 | 10 | 210 |
|---|---|---|---|
| Kg | SUB | | |

### OIL TRANSFER PUMP 12V

| | |
|---|---|
| **Voltage** | 12V |
| **Power consumption** | 5A |
| **Power** | 60-80W |
| **Sound intensity** | 70dB |
| **Fluidity level (Diesel-oil)** | 1,5 L/min |
| **Fluidity level (Motor-oil)** | 0,5 L/min |
| **Suction tube dimensions** | 1,2m |
| **Discharge tube dimensions** | 1,5m |
| **Pneumatic drive** | 1,00Kg |




## 53627

22,50€

| 0.65 | - | 12 | 120 |
|---|---|---|---|
| Kg | SUB | | |

### OIL AND FUEL EXTRACTION SET 1.6L



| | |
|---|---|
| **Capacity** | 1,6L |
| **Hose length** | 1-1,3m |
| **Weight** | 0,65Kg |
| **Dimensions (LxWxH)** | 530x380x490mm |



## 52601 — 397,00€

9.10 | - | 2 | 28

### AIR-OPERATED OIL PUMP KIT WITH HOSE WITH DISPENSING GUN

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Compression ratio** | 5:1 |
| **Air intake** | 1/4" |
| **Air outlet / Air discharge** | 1/2" |
| **Operating pressure** | 6-8BAR |
| **Relative capacity** | 18L/min |
| **Real air consumption** | 250L/min |
| **Oil temperature** | -10/50°C |
| **Viscosity** | 240SAE |
| **Tube length** | 950mm |
| **Hose length** | 4m |
| **Weight** | 9,10Kg |

## 50918 — 341,00€

7.25 | - | 2 | 28

### AIR-OPERATED OIL PUMP

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Compression ratio** | 5:1 |
| **Air intake** | 1/4" |
| **Air outlet / Air discharge** | 1/2" |
| **Operating pressure** | 6-8BAR |
| **Relative capacity** | 18L/min |
| **Real air consumption** | 250L/min |
| **Oil temperature** | -10/50°C |
| **Viscosity** | 240SAE |
| **Tube length** | 950mm |
| **Weight** | 7,25Kg |

## 50935 — 595,00€

10.70 | - | 1 | 20

### AIR-OPERATED OIL PUMP KIT WITH DIGITAL HOSE END METER



| | |
|---|---|
| **Compression ratio** | 5:1 |
| **Air intake** | 1/4" |
| **Air outlet / Air discharge** | 1/2" |
| **Operating pressure** | 6-8BAR |
| **Relative capacity** | 18L/min |
| **Real air consumption** | 250L/min |
| **Oil temperature** | -10/50°C |
| **Viscosity** | 240SAE |
| **Tube length** | 950mm |
| **Hose length** | 2m |
| **Weight** | 10,70Kg |

## 50917 — 271,00€

2.15 | - | 10 | 40

### DIGITAL HOSE END OIL METER WITH PIPE

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Fluid inlet** | 1/2" |
| **Real air consumption** | 1-35L/min |
| **Operating pressure** | 6-8BAR |
| **Maximum pressure** | 100BAR |
| **Viscosity** | 240SAE |
| **Flowmeter accuracy** | ±0,5% |
| **Flowmeter repeatability** | 0,2% |
| **Operating temperature** | -10~60°C |
| **Discharge rate per revolution** | 25ml/R |
| **Battery** | Pilas/Batteries |
| **Weight** | 1,40Kg |
| **Dimensions (LxWxH)** | 500x90x160mm |

## 52428 — 44,00€

1.40 | - | 10 | 120

### MANUAL TRANSFER PUMP



| | |
|---|---|
| **Real air consumption** | 32L/min |
| **Fluid outlet** | Ø25mm |
| **Fluid inlet** | Ø32mm |
| **Tube length** | 1016mm |
| **Weight** | 1,40Kg |

## 51253 — 44,00€

2.06 | - | 10 | 180

### LEVER PUMP



| | |
|---|---|
| **Workflow** | 300ml |
| **Fluid inlet** | Ø22,60mm |
| **Fluid outlet** | Ø16mm |
| **Tube length** | 890mm |
| **Discharge diameter** | 19mm |
| **Suction diameter** | 35mm |
| **Weight** | 2,06Kg |
| **Dimensions (LxH)** | 465x1400mm |

## 54050

895,00€

25.45 - 1 4

# AUTOMATIC TRANSMISSION OIL EXCHANGE MACHINE

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 70W |
| **Operating pressure** | 0-10BAR (0-150PSI) |
| **Capacity of new oil tank** | 30L |
| **Used oil tank capacity** | 30L |
| **Weight** | 25,46Kg |
| **Dimensions (LxWxH)** | 270x500x860mm |

SPARE PARTS AVAILABLE

VIDEO TUTORIAL




## 54290

4.307,00€

78.50 - 1 1

# AUTOMATIC TRANSMISSION OIL EXCHANGE MACHINE

| | |
|---|---|
| **Voltage** | 220V |
| **Power** | 150W |
| **Intensity** | 50Hz |
| **Exchange rate** | 2L/min |
| **Working range** | 0-105PSI |
| **New oil capacity** | 20L |
| **Used oil capacity** | 20L |
| **Filter accuracy / Filtration precision** | 5µm |
| **Outlet hose length** | 2,5m |
| **Return hose length** | 2,5m |
| **Drain tube length** | 1,2m |
| **Sound intensity** | <70dB |
| **Operating temperature** | -10/50°C |
| **Weight** | 78,50Kg |
| **Dimensions (LxWxH)** | 710x580x1040mm |

SPARE PARTS AVAILABLE

VIDEO TUTORIAL




## 54367

729,00€

15.00 - 1 22

# SET OF 105 ADAPTORS FOR REF.54290

TECHNICAL INFORMATION









## 55049

1.590,00€

71.00 | - | 1 | 2

NEW

### OIL DRAIN CART WITH SUCTION SYSTEM AND COMPARTMENTS

| | |
|---|---|
| **Material** | Acero/Steel |
| **Tank capacity** | 80L |
| **Capacity of collection strainer** | 10L |
| **Measuring cup capacity** | 10L |
| **Operating pressure** | 6~8 bar |
| **Operating temperature** | 40~80°C |
| **Weight** | 84,90Kg |
| **Drawer dimensions** | 550x330x80mm |
| **Dimensions (LxWxH)** | 800x400x1445mm |




## 53873

285,00€

19.50 | - | 1 | 12

### MOBILE WASTE OIL DRAINER 80L

SPARE PARTS AVAILABLE

| | |
|---|---|
| **Operating pressure** | 1-3BAR |
| **Tank capacity** | 70L |
| **Capacity of collection strainer** | 10L |
| **Weight** | 18,00Kg |
| **Dimensions (LxWxH)** | 350x480x1630mm |




## 53874

398,00€

22.00 | - | 1 | 12

### MOBILE WASTE OIL DRAINER WITH INSPECTION CHAMBER 90L

SPARE PARTS AVAILABLE

VIDEO TUTORIAL

| | |
|---|---|
| **Operating pressure** | 8-10BAR |
| **Tank capacity** | 70L |
| **Capacity of collection strainer** | 10L |
| **Measuring cup capacity** | 10L |
| **Weight** | 22,00Kg |
| **Dimensions (LxWxH)** | 430x490x1470mm |




## ACCESSORIES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 18368 | SPONGE SPLASH GUARD FILTER FOR OIL COLLECTORS REF.53873/53874 | 0.05 | 6 | 36 | 215 | 12,00€ |
| 17571 | FILTER FOR OIL DRAIN FUNNEL 53873 AND 53874 | 0.40 | - | 100 | 20000 | 25,00€ |
| 15084 | EXTRACTION MODULE FOR OIL SUMP PLUGS | 1.65 | - | 10 | 220 | 68,00€ |

## 50924

342,00€

32.00 | - | 1 | 6

### STEEL DRUM HOLDER CART 200KG

| | |
|---|---|
| **Capacity** | 200Kg |
| **Material** | Fe |
| **Weight** | 31,00Kg |
| **Dimensions (LxWxH)** | 990x790x830mm |



## DRUMBANK SPILL

| REF. | CAPACITY | DRUM CAPACITY | DRUM | MATERIAL | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 52804 | 400Kg | 230L | 1 | PE | 1000x680x600mm | 14.50 | - | 1 | 5 | 343,00€ |
| 52805 | 650Kg | 250L | 2 | PE | 1300x750x440mm | 13.35 | - | 1 | 6 | 426,00€ |
| 52806 | 1250Kg | 250L | 4 | PE | 1290x1290x280mm | 17.50 | - | 1 | 5 | 742,00€ |
| 53214 | 650Kg | 230L | 2 | PE | 1310x910x380mm | 16.50 | - | 1 | 12 | 285,00€ |



52804



52805



52806



53214

**54498** 6.090,00€

232.00 - 1 1

## IBC HARDCOVER 2500KG

| | |
|---|---|
| **Capacity** | 2500Kg |
| **Capacity of 1000L containers** | 1 |
| **Capacity of 200-liter drums** | 4 |
| **Material** | PE |
| **Standards** | DIBT |
| **Weight** | 232,00Kg |
| **Dimensions (LxWxH)** | 1775x1770x2500mm |

** IBC container not included*





**52807** 1.714,00€

30.00 - 1 7

## DRUMBANK IBC CONTAINER 2500KG

| | |
|---|---|
| **Capacity** | 2500Kg |
| **Container carrying capacity** | 1000L |
| **Number of containers** | 1 |
| **Material** | PE |
| **Weight** | 30,00Kg |
| **Dimensions (LxWxH)** | 1680x1680x700mm |



**53612** 106,50€

4.75 - 1 60

## DRUM CLAMP 500KG

| | |
|---|---|
| **Capacity** | 500Kg |
| **Material** | S |
| **Weight** | 4,75Kg |
| **Dimensions (LxWxH)** | 745x99x148mm |



## 52498 — 58,00€

0.85 | - | 10 | 120

### TRANSPARENT SUCTION/INJECTION GUN 1500ML




| | |
|---|---|
| **Capacity** | 1500ml |
| **Material** | PP |
| **Tube length** | 483mm |
| **Gun length** | 500mm |
| **Weight** | 0,85Kg |

## 52628 — 26,50€

0.25 | 5 | 20 | 360

### TRANSPARENT SUCTION GUN 200ML




| | |
|---|---|
| **Capacity** | 200ml |
| **Material** | PP |
| **Tube length** | 360mm |
| **Gun length** | 570mm |
| **Weight** | 0,25Kg |

## 52789 — 15,20€

0.15 | 6 | 24 | 192

### EMERGENCY FUEL TRANSFER PUMP



| | |
|---|---|
| **Supply hose length** | 900mm |
| **Suction hose length** | 900mm |
| **Material** | 0,15Kg |
| **Weight** | PVC |

## 51928 — 14,00€

0.82 | 5 | 20 | 360

### OIL SUCTION GUN 0,5L



| | |
|---|---|
| **Capacity** | 0,5L |
| **Material** | Cromado/Chrome Finish |
| **Tube length** | 275mm |
| **Gun length** | 340mm |
| **Weight** | 0,82Kg |

## 53215 — 19,00€

0.95 | - | 6 | 60

### GREEN OIL DRAIN PAN 18L



| | |
|---|---|
| **Color** | Verde/Green |
| **Capacity** | 18L |
| **Material** | PE |
| **Weight** | 0,95Kg |
| **Dimensions (LxWxH)** | 550x460x180mm |

## 53144 — 18,00€

0.99 | - | 6 | 72

### BLACK OIL DRAIN PAN 18L



| | |
|---|---|
| **Color** | Negro/Black |
| **Capacity** | 18L |
| **Material** | PE |
| **Weight** | 0,99Kg |
| **Dimensions (LxWxH)** | 550x460x180mm |

## 54558 — 11,50€

0.30 | - | 20 | 320

### OIL WHEEL PAN FOR TRUCKS AND TRAILERS



| | |
|---|---|
| **Tank capacity** | 2,5L |
| **Measuring cup capacity** | 500/1000/1500/2000/2500mL |
| **Material** | HDPE |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 345x185x150mm |

**54051** 39,00€

1.35 - 4 40

## PORTABLE OIL DRAIN COLLECTOR 8L



| | |
|---|---|
| **Capacity** | 8L |
| **Material** | PE |
| **Weight** | 1,35Kg |
| **Dimensions (LxWxH)** | 600x330x110mm |

**51356** 59,00€

3.00 - 5 60

## STEEL TRAY FOR LIQUIDS 23L



| | |
|---|---|
| **Capacity** | 23L |
| **Material** | S |
| **Weight** | 3,00Kg |
| **Dimensions (LxWxH)** | 400x600x110mm |

## JERRY CANS

| REF. | L | mm | MATERIAL | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 54181 | 5L | 241x115x311mm | Steel | 1.45 | - | 4 | 72 | 27,50€ |
| 54182 | 10L | 284x133x386mm | Steel | 2.55 | - | 4 | 48 | 38,50€ |
| 54183 | 10L | 240x140x355mm | Steel | 2.75 | - | 6 | 48 | 42,00€ |
| 54184 | 20L | 356x166x460mm | Steel | 4.10 | - | 4 | 24 | 49,00€ |

54181
SPARE PARTS AVAILABLE



54182
SPARE PARTS AVAILABLE



54183
SPARE PARTS AVAILABLE



54184
SPARE PARTS AVAILABLE



## ACCESSORIES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 53078 | PLASTIC TAP FOR 200L BARREL | 0.25 | 5 | 25 | 300 | 22,00€ |
| 53518 | 3/4" PLASTIC BARREL TAP | 0.05 | 10 | 500 | 3000 | 3,50€ |
| 52453 | 3/4" AUTO-RELEASE LOCKABLE BARREL TAP | 0.19 | 5 | 100 | 800 | 26,00€ |
| 15874 | FLEXIBLE FILLING HOSE FOR JERRY CAN (REF.54181, 54182, 54183, 54184) | 0.30 | - | 50 | 800 | 7,00€ |



53078




53518




52453



15874



**52991** 10,50€

0.16 | - | 20 | 240

## FLASK WITH FLEXIBLE NECK 2L





| | |
|---|---|
| **Capacity** | 2L |
| **Material** | PP, PE |
| **Weight** | 0,16Kg |

**52992** 22,50€

0.30 | - | 8 | 96

## FLASK WITH FLEXIBLE NECK 5L





| | |
|---|---|
| **Capacity** | 5L |
| **Material** | PP, PE |
| **Weight** | 0,30Kg |

**52242** 12,00€

0.28 | - | 20 | 200

## PUMP OILER 500ML

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 500ml |
| **Tube length** | 160mm |
| **Weight** | 0,28Kg |

**52243** 8,50€

0.14 | 5 | 60 | 720

## PUMP OILER 250ML



| | |
|---|---|
| **Capacity** | 250ml |
| **Tube length** | 125mm |
| **Weight** | 0,14Kg |

**53187** 39,00€

0.75 | - | 18 | 66

## BARREL FUNNEL WITH LID AND FILTER 200L



| | |
|---|---|
| **Diameter** | 260mm |
| **Material** | PP |
| **Weight** | 0,75Kg |

**53188** 7,00€

0.15 | - | 24 | 288

## SET OF 3 FUNNELS



| | |
|---|---|
| **Diameter** | 90, 130, 180mm |
| **Material** | PP |
| **Weight** | 0,15Kg |

## 52391 — 5,00€

0.09 | 5 | 20 | 360

### FUNNEL WITH FILTER



| | |
|---|---|
| **Material** | PP |
| **Tube dimensions** | 250x100mm |
| **Funnel dimensions** | 140x175mm |
| **Weight** | 0,09Kg |

## 54719 — 16,50€

0.44 | 8 | 16 | 96

### OIL FUNNEL WITH STAND



| | |
|---|---|
| **Diameter** | 125mm |
| **Material** | PVC |
| **Weight** | 0,44Kg |
| **Dimensions (LxWxH)** | 300x130x220mm |

## 53198 — 9,50€

0.15 | 6 | 24 | 144

### FUNNEL WITH FLEXIBLE HOSE



| | |
|---|---|
| **Material** | PP |
| **Tube dimensions** | 530mm |
| **Funnel dimensions** | 180mm |
| **Weight** | 0,15Kg |

## 53849 — 16,10€

0.30 | - | 40 | 880

### MINI GREASE GUN





| | |
|---|---|
| **Capacity** | 80cc |
| **Operating pressure** | 1000PSI |
| **Material** | S |
| **Diameter** | 3,8mm |
| **Weight** | 0,30Kg |

## 54677 — 9,90€

0.15 | 10 | 40 | 1280

### GREASE NOZZLE CLEANING TOOL

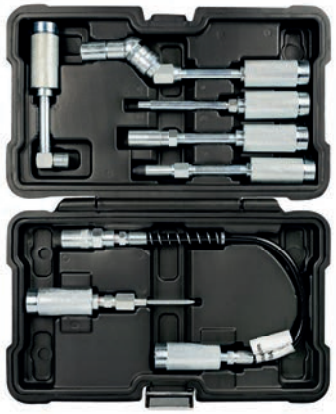


| | |
|---|---|
| **Pieces** | 5 |
| **Material** | PA |
| **Lenght** | 250mm |
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 300x85x20mm |

## 54255 — 74,00€

1.60 | - | 10 | 500

### SET OF 7 ACCESSORIES FOR GREASE GUN



| | |
|---|---|
| **Pieces** | 7 |
| **Hose extension** | 300mm |
| **Adapters** | 90-360° |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 260x170x60mm |

**50852** 25,50€

1.30 | 5 | 20 | 240

## 3-WAY SIDE LEVER GREASE GUN



| | |
|---|---|
| **Capacity** | 500ml |
| **Operating pressure** | 20Mpa |
| **Internal diameter** | 5mm |
| **External diameter** | 14mm |
| **Weight** | 1,30Kg |

**50751** 44,00€

1.50 | 5 | 10 | 180

## PNEUMATIC GREASE GUN 1/4"



| | |
|---|---|
| **Air intake** | 1/4" |
| **Capacity** | 500ml |
| **Operating pressure** | 6,2BAR |
| **Maximum pressure** | 30Mpa |
| **Weight** | 1,50Kg |

**53592** 25,00€

0.15 | 25 | 100 | -

## QUICK RELEASE GREASE COUPLER



| | |
|---|---|
| **Air intake** | 1/8" |
| **Operating pressure** | 1034BAR |
| **Compatible with** | 50751, 50852 |
| **Weight** | 0,15Kg |

**60038** 255,00€

3.90 | - | 4 | 32

## BATTERY-POWERED GREASE GUN

| | |
|---|---|
| **Voltage** | 20V |
| **Maximum pressure** | 620BAR |
| **Volume/flow rate** | 200g/min |
| **Cartridge capacity** | 420g |
| **Bulk grease capacity** | 600g |
| **Bulk grease capacity** | Hasta/Up to NLGI#2 |
| **Lenght** | 760mm |
| **Charging modes** | Granel/Bulk, Cartucho/Cartridge, Succión/Suction |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 3,60Kg |
| **Dimensions (LxWxH)** | 400x90x270mm |

SPARE PARTS AVAILABLE




**60038C** 411,00€

7.30 | - | 4 | 16

## BATTERY-POWERED GREASE GUN WITH CARRYING CASE

| | |
|---|---|
| **Voltage** | 20V |
| **Maximum pressure** | 620BAR |
| **Volume/flow rate** | 200g/min |
| **Cartridge capacity** | 420g |
| **Bulk grease capacity** | 600g |
| **Bulk grease capacity** | Hasta/Up toNLGI #2 |
| **Lenght** | 760mm |
| **Charging modes** | Granel/Bulk, Cartucho/Cartridge, Succión/Suction |
| **Includes** | 60038, 60013, 60016 |
| **LED** | Si/Yes |
| **Compatible with** | 60012, 60013, 60015, 60016, 60017 |
| **Weight** | 7,30Kg |
| **Dimensions (LxWxH)** | 400x90x270mm |

SPARE PARTS AVAILABLE




SEE PAGE 153

**BATTERIES AND CHARGERS NOT INCLUDED IN THE INDIVIDUAL TOOLS**

Three types of battery and two types of charger.
Choose the one you prefer!



# HYDRAULIC TOOLS


**352** TROLLEY JACKS

**355** BOTTLE JACKS

**356** RATCHED JACKS

**356** TELESCOPIC HYDRAULIC JACK

**357** CAR JACK STANDS

**358** OTHERS

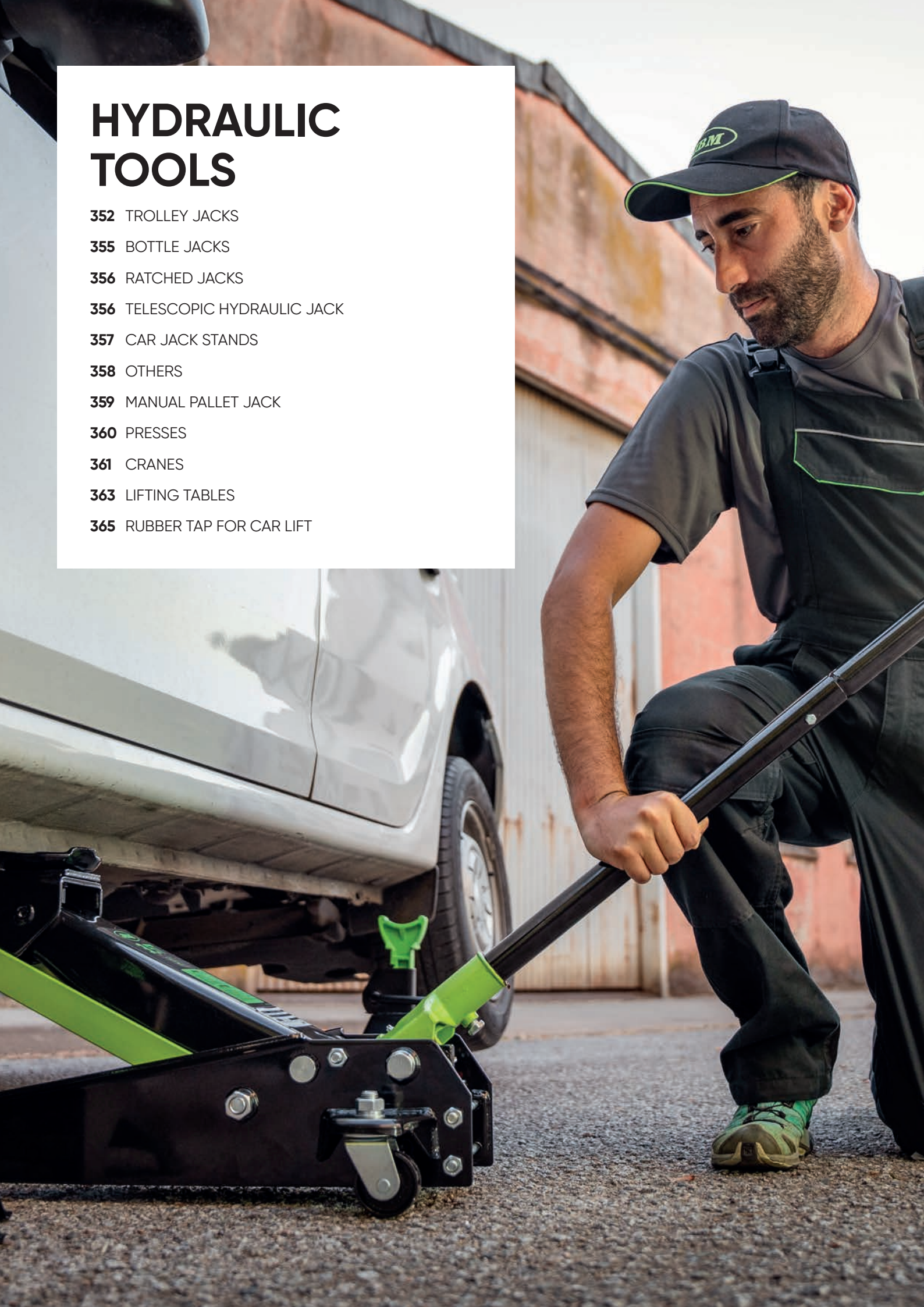
**359** MANUAL PALLET JACK

**360** PRESSES

**361** CRANES

**363** LIFTING TABLES

**365** RUBBER TAP FOR CAR LIFT

**MAINTENANCE TUTORIAL**

BASIC TIPS FOR THE CORRECT MAINTENANCE OF OUR JACKS TO EXTEND THEIR SERVICE LIFE AND SAFETY



## 53725 — 248,00€

30.70 | - | 1 | 18

### 3T HYDRAULIC TROLLEY JACK - HEAVY DUTY WITH FAST PUMP SYSTEM

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 133mm |
| **Maximum height** | 465mm |
| **Height Adjustment** | Rápida/Fast |
| **Compliance with the European directive** | EN 1494:2001+A1 |
| **Weight** | 30,70Kg |
| **Dimensions (LxWxH)** | 682x155x344mm |

## 50818 — 198,00€

35.80 | - | 1 | 18

### 3.5T HYDRAULIC TROLLEY JACK - HEAVY DUTY

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3,5T |
| **Minimum height** | 133mm |
| **Maximum height** | 495mm |
| **Compliance with the European directive** | EN 1494:2000 |
| **Weight** | 35,80Kg |
| **Dimensions (LxWxH)** | 685x180x346mm |

## 53422 — 368,00€

44.50 | - | 1 | 15

### 3T HYDRAULIC JACK WITH LIFTING PEDAL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 100mm |
| **Maximum height** | 533mm |
| **Compliance with the European directive** | EN1494:2000+A1 |
| **Weight** | 44,50Kg |
| **Dimensions (LxWxH)** | 778x165x372mm |

## 53112 — 298,00€

39.95 | - | 1 | 18

### 3T HYDRAULIC TROLLEY JACK WITH PEDAL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 140mm |
| **Maximum height** | 520mm |
| **Compliance with the European directive** | EN1494:2000+A1 |
| **Weight** | 39,95Kg |
| **Dimensions (LxWxH)** | 720x185x345mm |

## 50815 — 88,00€

10.75 | - | 1 | 56

### 2T HYDRAULIC HANDCART JACK

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 2T |
| **Minimum height** | 130mm |
| **Maximum height** | 355mm |
| **Compliance with the European directive** | EN1494:2000+A1 |
| **Weight** | 10,75Kg |
| **Dimensions (LxWxH)** | 490x140x205mm |

## 51895 — 99,00€

11.68 | - | 1 | 42

### 2T HEAVY DUTY TROLLEY JACK IN PLASTIC BOX

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 2T |
| **Minimum height** | 130mm |
| **Maximum height** | 355mm |
| **Compliance with the European directive** | EN1494 |
| **Weight** | 11,68Kg |
| **Dimensions (LxWxH)** | 490x140x205mm |

THEY PROVIDE OPTIMAL ADAPTATION TO LOW PROFILE VEHICLES, THANKS TO THEIR REDUCED HEIGHT AND CURVED DESIGN



## 50816 — 88,00€

11.25 | - | 1 | 63

### 2T HEAVY DUTY TROLLEY JACK - LOW CARS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 2T |
| **Minimum height** | 85mm |
| **Maximum height** | 330mm |
| **Compliance with the European directive** | EN1494+A1 |
| **Weight** | 11,25Kg |
| **Dimensions (LxWxH)** | 508x125x208mm |

## 53421 — 298,00€

33.50 | - | 1 | 18

### 2T HEAVY DUTY TROLLEY JACK - LOW CARS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 2T |
| **Minimum height** | 75mm |
| **Maximum height** | 505mm |
| **Compliance with the European directive** | EN1494 |
| **Weight** | 33,50Kg |
| **Dimensions (LxWxH)** | 740x150x360mm |

## 54137 — 288,00€

30.65 | - | 1 | 18

### 2.5T HEAVY DUTY TROLLEY JACK - LOW CARS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 2,5T |
| **Minimum height** | 78mm |
| **Maximum height** | 505mm |
| **Compliance with the European directive** | EN1494:2000+A1 |
| **Weight** | 30,65Kg |
| **Dimensions (LxWxH)** | 740x150x350mm |

## 54786 — 319,00€

35.50 | - | 1 | 18

NEW

### 3T HEAVY DUTY TROLLEY JACK LOW CARS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 75mm |
| **Maximum height** | 505mm |
| **Compliance with the European directive** | EN 1494:2000+A1 |
| **Weight** | 35,50Kg |
| **Dimensions (LxWxH)** | 738x353x156mm |

## 60065 — 899,00€

41.00 | - | 1 | 10

NEW

### 3T LOW-PROFILE BATTERY-POWERED HYDRAULIC TROLLEY JACK

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Compatible with** | 60013, 60015, 60016, 60017 |
| **Voltage** | 20V |
| **LED** | No |
| **Minimum height** | 85mm |
| **Maximum height** | 508mm |
| **Lifting time (no load)** | 18-20s |
| **Descent time (no load)** | 7-10s |
| **Lifting time (with load)** | 48-60s |
| **Descent time (with load)** | 10-12s |
| **Weight** | 41,00Kg |
| **Dimensions (LxWxH)** | 770x355x1107mm |

## 54516 — 940,00€

40.75 | - | 1 | 20

### 20/40T TELESCOPIC OIL-PNEUMATIC TROLLEY JACK




SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 20/40T |
| **Minimum height** | 150mm |
| **Maximum height** | 227-295mm |
| **Compliance with the European directive** | ENISO12100, EN1494 |
| **Adapters** | 35-65mm |
| **Air intake** | 1/4" |
| **Operating pressure** | 7-10BAR |
| **Real air consumption** | 9,5CFM |
| **Weight** | 40,75Kg |
| **Dimensions (LxWxH)** | 900x290x1195mm |

## 54517 — 1.184,00€

43.30 | - | 1 | 12

### 15/20/40T TELESCOPIC OIL-PNEUMATIC TROLLEY JACK




SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 15/25/40T |
| **Minimum height** | 125mm |
| **Maximum height** | 185-240-301mm |
| **Compliance with the European directive** | ENISO12100, EN1494 |
| **Adapters** | 35-65mm |
| **Air intake** | 1/4" |
| **Operating pressure** | 7-10BAR |
| **Real air consumption** | 9,5CFM |
| **Weight** | 43,30Kg |
| **Dimensions (LxWxH)** | 918x285x1195mm |

## 54751 — 617,00€

44.00 | - | 1 | 10

### 22T TELESCOPIC OIL-PNEUMATIC TROLLEY JACK



SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 22T |
| **Minimum height** | 228mm |
| **Maximum height** | 548mm |
| **Adapters** | 20-60-90mm |
| **Air intake** | 1/4" |
| **Operating pressure** | 7-10BAR |
| **Real air consumption** | 9,5CFM |
| **Extensible** | 110mm |
| **Weight** | 44,00Kg |
| **Dimensions (LxWxH)** | 1390x575x322mm |

## 54916 — 88,50€

1.95 | - | 10 | 280

NEW

### 3.5T HYDRAULIC JACK SUPPORT





| | |
|---|---|
| **Material** | Q235+45carbon steel |
| **Capacity** | 3,5T |
| **Minimum height** | 230mm |
| **Maximum height** | 380mm |
| **Weight** | 1,95Kg |
| **Dimensions (LxWxH)** | 64x48x227mm |

## 54757 — 144,00€

10.60 | - | 1 | 64

### CROSS BRACKET FOR HYDRAULIC JACK 2T

VIDEO TUTORIAL



| | |
|---|---|
| **Compatible with** | 50818, 53112 |
| **Capacity** | 1350-2000Kg |
| **Lenght** | 700-925mm |
| **Working height** | 50-130mm |
| **Weight** | 10,60Kg |
| **Dimensions (LxWxH)** | 700x120x140mm |



## BOTTLE JACKS

### 50819 — 28,00€

2.42 | - | 6 | 300



| | |
|---|---|
| **Capacity** | 2T |
| **Minimum height** | 181mm |
| **Maximum height** | 345mm |
| **Weight** | 2,43Kg |
| **Dimensions (LxWxH)** | 95x110x190mm |

### 50820 — 34,50€

3.20 | - | 6 | 300



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 194mm |
| **Maximum height** | 371mm |
| **Weight** | 3,20Kg |
| **Dimensions (LxWxH)** | 105x110x210mm |

### 50821 — 47,00€

4.10 | - | 5 | 250



| | |
|---|---|
| **Capacity** | 5T |
| **Minimum height** | 216mm |
| **Maximum height** | 413mm |
| **Weight** | 4,10Kg |
| **Dimensions (LxWxH)** | 120x115x230mm |

### 50822 — 59,00€

5.60 | - | 4 | 200



| | |
|---|---|
| **Capacity** | 10T |
| **Minimum height** | 230mm |
| **Maximum height** | 460mm |
| **Weight** | 5,60Kg |
| **Dimensions (LxWxH)** | 135x135x240mm |

### 52304 — 86,00€

7.20 | - | 2 | 136



| | |
|---|---|
| **Capacity** | 15T |
| **Minimum height** | 230mm |
| **Maximum height** | 460mm |
| **Weight** | 7,20Kg |
| **Dimensions (LxWxH)** | 140x140x250mm |

### 50823 — 94,00€

9.75 | - | 2 | 96



| | |
|---|---|
| **Capacity** | 20T |
| **Minimum height** | 242mm |
| **Maximum height** | 452mm |
| **Weight** | 9,75Kg |
| **Dimensions (LxWxH)** | 175x165x250mm |

### 50824 — 88,00€

8.47 | - | 2 | 120



| | |
|---|---|
| **Capacity** | 20T |
| **Minimum height** | 190mm |
| **Maximum height** | 335mm |
| **Weight** | 8,47Kg |
| **Dimensions (LxWxH)** | 175x200x160mm |

### 50825 — 154,00€

14.00 | - | 2 | 96



| | |
|---|---|
| **Capacity** | 30T |
| **Minimum height** | 285mm |
| **Maximum height** | 465mm |
| **Weight** | 14,00Kg |
| **Dimensions (LxWxH)** | 140x150x250mm |

## BOTTLE JACKS WITH PLASTIC BOXES

### 51905 — 34,50€

2.90 | - | 6 | 144



| | |
|---|---|
| **Capacity** | 2T |
| **Minimum height** | 181mm |
| **Maximum height** | 345mm |
| **Weight** | 2,90Kg |
| **Dimensions (LxWxH)** | 110x165x245mm |

### 51906 — 39,00€

3.53 | - | 4 | 112



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 194mm |
| **Maximum height** | 371mm |
| **Weight** | 3,53Kg |
| **Dimensions (LxWxH)** | 110x170x280mm |

### 51907 — 48,00€

4.59 | - | 4 | 128



| | |
|---|---|
| **Capacity** | 5T |
| **Minimum height** | 216mm |
| **Maximum height** | 413mm |
| **Weight** | 4,59Kg |
| **Dimensions (LxWxH)** | 200x130x290mm |

## 3T HEAVY DUTY FARM JACKS

**53895** 117,00€

10.00 | - | 1 | 48

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 130mm |
| **Maximum height** | 510mm |
| **Weight** | 10,00Kg |
| **Dimensions (LxWxH)** | 510x265x140mm |

**53896** 142,00€

11.50 | - | 1 | 32

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 130mm |
| **Maximum height** | 645mm |
| **Weight** | 11,50Kg |
| **Dimensions (LxWxH)** | 840x265x140mm |

**53897** 159,50€

14.00 | - | 1 | 32

SPARE PARTS AVAILABLE

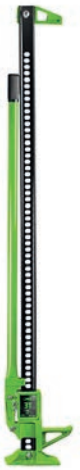


| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 130mm |
| **Maximum height** | 1045mm |
| **Weight** | 14,00Kg |
| **Dimensions (LxWxH)** | 1220x265x140mm |

**53898** 174,50€

16.00 | - | 1 | 32

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 3T |
| **Minimum height** | 130mm |
| **Maximum height** | 1320mm |
| **Weight** | 16,00Kg |
| **Dimensions (LxWxH)** | 1520x265x140mm |

**54001** 285,00€

28.50 | - | 1 | 18

## TELESCOPING HYDRAULIC JACK 0,5T

SPARE PARTS AVAILABLE

VIDEO TUTORIAL



| | |
|---|---|
| **Pieces** | 1 |
| **Capacity** | 500Kg |
| **Minimum height** | 1100mm |
| **Maximum height** | 1900mm |
| **Weight** | 28,50Kg |
| **Headboard measurements** | 650x650x1100mm |

**50830** 560,00€

52.10 | - | 1 | 6

## TELESCOPING HYDRAULIC JACK 0,5T

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 1 |
| **Capacity** | 500Kg |
| **Minimum height** | 850mm |
| **Maximum height** | 1740mm |
| **Weight** | 52,10Kg |
| **Dimensions (LxWxH)** | 970x970x900mm |



## AXLE STANDS SETS

| REF. | T | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53779 | 3T | 290-430mm | 4.85 | - | 1 | 72 | 36,00€ |
| 53845 | 6T | 370-610mm | 9.35 | - | 1 | 31 | 64,00€ |
| 54143 | 12T | 500-770mm | 35.50 | - | 1 | 12 | 249,00€ |

## JACK STANDS 10T

| REF. | T | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 54145 | 10T | 482-775mm | 37.90 | - | 1 | 4 | 389,00€ |
| 54146 | 10T | 736-1212mm | 2.00 | - | 1 | 4 | 492,00€ |



**54144** 298,00€

28.00 - 1 16

### SET OF 2 JACK STANDS 22T (338-500MM)





| | |
|---|---|
| **Pieces** | 2 |
| **Capacity** | 22T |
| **Minimum height** | 338mm |
| **Maximum height** | 500mm |
| **Weight** | 28,00Kg |
| **Dimensions (LxWxH)** | 250x250x338mm |



**54147** 199,00€

18.00 - 1 40

### AXLE STAND 1.8T (1220-2146MM)





| | |
|---|---|
| **Pieces** | 1 |
| **Capacity** | 1.8T |
| **Minimum height** | 1220mm |
| **Maximum height** | 2146mm |
| **Weight** | 18,00Kg |
| **Dimensions (LxWxH)** | 620x520x1220mm |

## 51901 — 999,00€

75.00 | - | 1 | 10

### CAR TYRE DOLLY 1T



| | |
|---|---|
| **Capacity** | 1T |
| **Minimum height** | 50mm |
| **Maximum height** | 320mm |
| **Maximum wheel diameter** | 1320mm |
| **Weight** | 75,00Kg |
| **Dimensions (LxWxH)** | 1040x1090x890mm |

## 53218 — 26,00€

2.25 | - | 6 | 270

### SCISSOR JACK 1.5T



| | |
|---|---|
| **Pieces** | 2 |
| **Capacity** | 1,5T |
| **Minimum height** | 90mm |
| **Maximum height** | 370mm |
| **Weight** | 2,25Kg |
| **Dimensions (LxWxH)** | 430x90x90mm |

## 54257 — 318,00€

11.40 | - | 1 | 30

### HYDRAULIC HAND PUMP 1.2L



| | |
|---|---|
| **Capacity** | 1,2L |
| **Maximum pressure** | 69BAR |
| **Workflow** | 0-20Kg/cm3~20-700Kg/cm3 |
| **Connectors** | 3/8"NPT |
| **Weight** | 11,40Kg |
| **Dimensions (LxWxH)** | 750x180x270mm |

## 52241 — 1.690,00€

155.00 | - | 1 | 5

### HEAVY DUTY WHEEL DOLLY FOR TRACTOR TYRES 1.5T







| | |
|---|---|
| **Capacity** | 1,5T |
| **Minimum height** | 0mm |
| **Maximum height** | 770mm |
| **Maximum wheel diameter** | 2200mm |
| **Weight** | 155,00Kg |
| **Dimensions (LxWxH)** | 1270x990x1340mm |

## 50835 — 298,00€

38.00 | - | 1 | 10

### HYDRAULIC INDUSTRIAL PIPE BENDER 12T



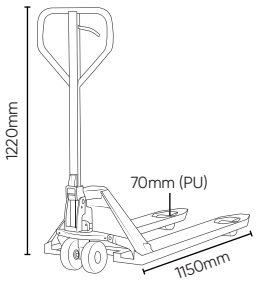
| | |
|---|---|
| **Capacity** | 12T |
| **Operating pressure** | 7,5-8,5BAR |
| **Connectors** | 1/2", 3/4", 1"-1/4", 1"-1/2", 2" |
| **Angle level** | 90° |
| **Weight** | 38,00Kg |
| **Dimensions (LxWxH)** | 680x585x185mm |

## 53880

598,00€

84.50 | - | 1 | 6

# MANUAL PALLET JACK QUICK LIFT 2500KG







SPARE PARTS AVAILABLE

VIDEO TUTORIAL

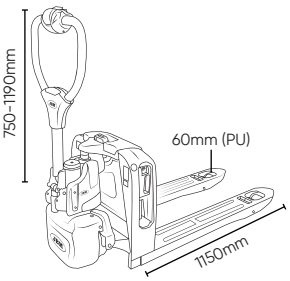
| | |
|---|---|
| **Capacity** | 2500Kg |
| **Minimum lifting height** | 85mm |
| **Maximum lifting height** | 200mm |
| **Turning radius** | 1266mm |
| **Lifting speed (with/without load)** | 0,0006-0,0007m/s |
| **Type** | Freno manual/Manual brake |
| **Weight** | 84,50Kg |
| **Dimensions (LxH)** | 1220x1150mm |

## 54396

2.250,00€

112.00 | - | 1 | 4

# ELECTRIC PALLET TRUCK 1500KG






SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 1500Kg |
| **Minimum lifting height** | 85mm |
| **Maximum lifting height** | 190mm |
| **Turning radius** | 1360mm |
| **Travel speed (with/without load)** | 4-4,5Km/h |
| **Lifting speed (with/without load)** | 0,017-0,020m/s |
| **Power** | 0,75KW |
| **Type** | Freno electromagnético/Electromagnetic brake |
| **Battery type** | LI-ION |
| **Battery voltage** | 24V |
| **Battery capacity** | 20Ah |
| **Charging time** | 3-4h |
| **Weight** | 112,00Kg |
| **Dimensions (LxH)** | 1190x1150mm |

## 50839

198,00€

19.20 | - | 1 | 10

# HYDRAULIC CAR WHEEL DOLLY 680KG



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 680Kg |
| **Opening** | 345-660mm |
| **Weight** | 19,20Kg |
| **Dimensions (LxWxH)** | 680x625x230mm |

## 50923

454,00€

41.20 | - | 1 | 20

# SPECIAL PLATE TRANSPORT CART 340KG



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 340Kg |
| **Opening** | 0-1100mm |
| **Weight** | 41,20Kg |
| **Dimensions (LxWxH)** | 1340x250x240mm |

## 52514 — 88,00€

4.00 | - | 1 | 26

### FRONT MOTORCYCLE PADDOCK STAND 200KG



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 200Kg |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 750x400x530mm |

## 51751 — 99,00€

5.00 | - | 4 | 12

### REAR MOTORCYCLE PADDOCK STAND 200KG



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 200Kg |
| **Weight** | 5,00Kg |
| **Dimensions (LxWxH)** | 830x400x660mm |

## 53684 — 1.880,00€

191.00 | - | 1 | 7

### PRESS 30T




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 30T |
| **Piston stroke** | 150mm |
| **Working range** | 166-1126mm |
| **Speeds** | 2 |
| **Operated** | Hidráulico manual o de pedal/Hydraulic by hand or foot |
| **Weight** | 191,00Kg |
| **Dimensions (LxWxH)** | 1920x750x290mm |

## 53590 — 1.190,00€

114.50 | - | 1 | 8

### PRESS 20T




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 20T |
| **Piston stroke** | 145mm |
| **Working range** | 58-1018mm |
| **Speeds** | 2 |
| **Operated** | Hidráulico manual o de pedal/Hydraulic by hand or foot |
| **Weight** | 114,50Kg |
| **Dimensions (LxWxH)** | 1670x730x255mm |

## 54679

389,00€

47.00 | - | 1 | 20

### HYDRAULIC SHOP PRESS 10T

| | |
|---|---|
| **Capacity** | 10T |
| **Piston stroke** | 154mm |
| **Working range** | 200-370mm |
| **Operated** | Hidráulico manual/Hydraulic by hand |
| **Working width** | 350mm |
| **Piston with side shift** | Si/Yes |
| **Weight** | 47,00Kg |
| **Dimensions (LxWxH)** | 550x500x1028mm |

SPARE PARTS AVAILABLE




## 52999

198,00€

7.70 | - | 2 | 130

### HYDRAULIC PRESS SUPPORT BLOCK



## 54597

125,00€

13.00 | - | 1 | 42

### BEARING INSERTION AND EXTRACTION SUPPORT BASE



## 50831

460,00€

79.50 | - | 1 | 20

### COLLAPSIBLE CRANE 2T




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 2T |
| **Folded dimensions** | 1480x980x800mm |
| **Type of fluid** | Aceite pistón/Piston Oil ~ SAE 32 |
| **Maximum lifting height** | 0-2170mm |
| **Charging modes** | 4 |
| **Weight** | 79,50Kg |
| **Dimensions (LxWxH)** | 1650x920x1480mm |

## 52985

598,00€

74.00 | - | 1 | 9

### COLLAPSIBLE CRANE 1T




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 1T |
| **Folded dimensions** | 1470x300x180mm |
| **Type of fluid** | Aceite hidráulico/Hydraulic oil HL, HM |
| **Maximum lifting height** | 85-2200mm |
| **Charging modes** | 3 |
| **Weight** | 74,00Kg |
| **Dimensions (LxWxH)** | 1400x950x1460mm |

## 50840

138,00€

20.45 | - | 1 | 40

### ENGINE SUPPORT 500KG (1750MM)



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 500Kg |
| **Lenght** | 1750mm |
| **Weight** | 20,45Kg |

## 52055

139,00€

8.50 | - | 1 | 38

### UNIVERSAL ENGINE SUPPORT 500KG



| | |
|---|---|
| **Capacity** | 500Kg |
| **Weight** | 8,50Kg |
| **Dimensions (LxWxH)** | 1000x500x320mm |

## 55135

228,00€

23.00 | - | 1 | 1

### EXTENDABLE UNIVERSAL ENGINE SUPPORT

| | |
|---|---|
| **Capacity** | 500Kg |
| **Lenght** | 1700mm |
| **Weight** | 23,00Kg |



## 50631

68,00€

6.30 | - | 4 | 136

### ENGINE LEVELER 750KG

| | |
|---|---|
| **Capacity** | 750Kg |
| **Weight** | 6,30Kg |
| **Dimensions (LxWxH)** | 460x200x55mm |





## 53423 — 199,00€

29,40 | - | 1 | 24

### ATV JACK 680KG



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 680Kg |
| **Minimum height** | 118mm |
| **Maximum height** | 368mm |
| **Weight** | 29,40Kg |
| **Dimensions (LxWxH)** | 815x390x155mm |

## 53969 — 96,00€

6,00 | - | 1 | 32

### MOTORCYCLE STAND LIFT 150KG



| | |
|---|---|
| **Pieces** | 2 |
| **Capacity** | 150Kg |
| **Minimum height** | 300mm |
| **Maximum height** | 400mm |
| **Weight** | 6,00Kg |
| **Dimensions (LxWxH)** | 340x310x320mm |

## 50836 — 148,00€

16,95 | - | 1 | 36

### UNIVERSAL ENGINE STAND 340KG



| | |
|---|---|
| **Capacity** | 340Kg |
| **Weight** | 21,00Kg |
| **Dimensions (LxWxH)** | 900x800x850mm |

## 50838 — 299,00€

43,90 | - | 1 | 7

### UNIVERSAL ENGINE STAND 900KG



| | |
|---|---|
| **Capacity** | 900Kg |
| **Movement** | x6 Posiciones/Positons, 360° |
| **Weight** | 43,90Kg |
| **Dimensions (LxWxH)** | 1100x900x900mm |

## 52845 — 185,00€

20,00 | - | 1 | 8

### SET OF 2 CAR RAMPS 1T



| | |
|---|---|
| **Pieces** | 2 |
| **Capacity** | 1T (500kg/ramp) |
| **Lifting height** | 0-200mm |
| **Weight** | 20,00Kg |
| **Dimensions (LxWxH)** | 940x300x210mm |



## 54386 — 5.839,00€

418.00 | - | 1 | 1

### 1200KG ENERGY VEHICLE BATTERY ASSEMBLING LIFT WITH BRACKETS

SPARE PARTS AVAILABLE

VIDEO TUTORIAL



| | |
|---|---|
| **Capacity** | 1200Kg |
| **Maximum lifting height** | 1840mm |
| **Minimum lifting height** | 650mm |
| **Platform dimensions** | 1290x768mm |
| **Dimensions of the extended platform** | 1400x768mm |
| **Lifting time (no load)** | 24s |
| **Descent time (no load)** | 140s |
| **Including bracket** | Si/Yes |
| **Weight** | 418,00Kg |
| **Dimensions (LxWxH)** | 1840x770x650mm |

## 54564 — 5.511,00€

418.00 | - | 1 | 1

### 1200KG ENERGY VEHICLE BATTERY ASSEMBLING LIFT WITHOUT BRACKETS

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 1200Kg |
| **Maximum lifting height** | 1840mm |
| **Minimum lifting height** | 650mm |
| **Platform dimensions** | 1290x768mm |
| **Dimensions of the extended platform** | 1400x768mm |
| **Lifting time (no load)** | 24s |
| **Descent time (no load)** | 140s |
| **Including bracket** | No |
| **Weight** | 418,00Kg |
| **Dimensions (LxWxH)** | 1840x770x650mm |

## 52692 — 139,00€

13.20 | - | 1 | 48

### MOTORCYCLE STAND LIFT JACK 500KG



| | |
|---|---|
| **Capacity** | 500Kg |
| **Minimum height** | 95mm |
| **Maximum height** | 400mm |
| **Weight** | 13,20Kg |
| **Dimensions (LxWxH)** | 540x350x100mm |

## 50911 — 840,00€

135.00 | - | 1 | 5

### HYDRAULIC LIFT TABLE FOR MOTORCYCLES 365KG

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 365Kg |
| **Minimum height** | 205mm |
| **Maximum height** | 780mm |
| **Weight** | 135Kg |
| **Dimensions (LxH)** | 2200x490mm |

## 53246 — 1.198,00€

104.00 | - | 1 | 4

### HYDRAULIC LIFT TABLE 360KG



| | |
|---|---|
| **Capacity** | 360Kg |
| **Minimum height** | 360mm |
| **Maximum height** | 1290mm |
| **Weight** | 104,00Kg |
| **Dimensions (LxWxH)** | 712x500x1290mm |

## 50630 — 590,00€

63.00 | - | 1 | 4

### HYDRAULIC LIFT TABLE 400KG

SPARE PARTS AVAILABLE

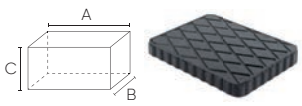


| | |
|---|---|
| **Capacity** | 400Kg |
| **Minimum height** | 290mm |
| **Maximum height** | 780mm |
| **Weight** | 63,00Kg |
| **Dimensions (LxWxH)** | 840x480x780mm |

# CAR LIFT RUBBER PADS

## 54349 — 8,00€

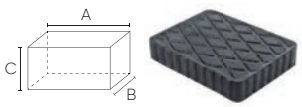
0.48 – 10 2040




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 20mm |

## 54350 — 15,00€

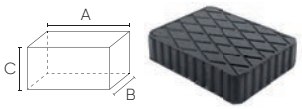
0.67 – 10 1248




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 30mm |

## 54351 — 16,50€

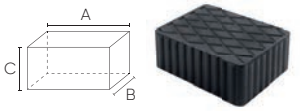
0.97 – 10 928




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 40mm |

## 54352 — 18,00€

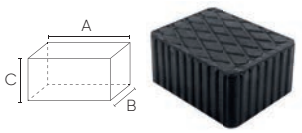
1.43 – 10 640




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 60mm |

## 54353 — 25,00€

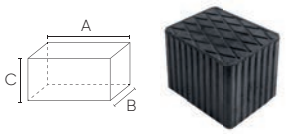
1.85 – 10 360




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 80mm |

## 54354 — 37,00€

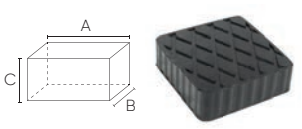
2.91 – 10 256




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 120mm |

## 54483 — 16,00€

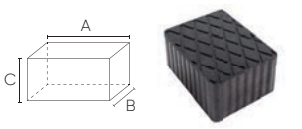
0.70 – 10 1440




| | |
|---|---|
| **A** | 120mm |
| **B** | 120mm |
| **C** | 35mm |

## 54484 — 30,50€

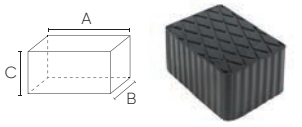
1.75 – 10 520




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 70mm |

## 54485 — 42,00€

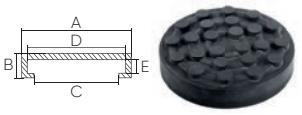
2.40 – 10 368




| | |
|---|---|
| **A** | 160mm |
| **B** | 120mm |
| **C** | 100mm |

## 54355 — 12,00€

0.20 – 10 3240

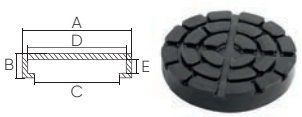



RAVAGLIOLI/SIRIO/SPACE

| | | | |
|---|---|---|---|
| **A** | 123mm | **D** | 108mm |
| **B** | 26mm | **E** | 10mm |
| **C** | 104mm | | |

## 54360 — 16,50€

0.19 – 10 3888

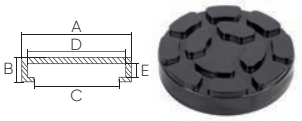



RAVAGLIOLI/SIRIO/SPACE

| | | | |
|---|---|---|---|
| **A** | 130mm | **D** | 125mm |
| **B** | 23mm | **E** | 10mm |
| **C** | 121mm | | |

## 54486 — 11,00€

0.10 – 10 6480

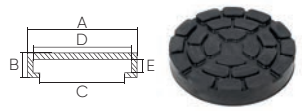



RAVAGLIOLI/SIRIO/SPACE

| | | | |
|---|---|---|---|
| **A** | 100mm | **D** | 85mm |
| **B** | 22mm | **E** | 8,5mm |
| **C** | 81mm | | |

## 54488 — 17,00€

0.26 – 10 2160

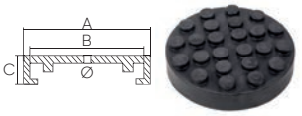



RAVAGLIOLI

| | | | |
|---|---|---|---|
| **A** | 150mm | **D** | 135mm |
| **B** | 25mm | **E** | 10mm |
| **C** | 128mm | | |

## 54493 — 15,50€

0.19 – 10 3240

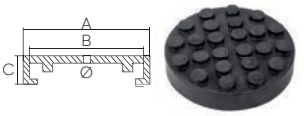



RAVAGLIOLI

| | | | |
|---|---|---|---|
| **A** | 120mm | | |
| **B** | 110mm | | |
| **C** | 27mm | | |

## 54494 — 17,00€

0.30 – 10 2592

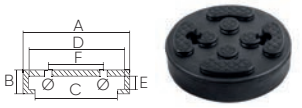



RAVAGLIOLI

| | | | |
|---|---|---|---|
| **A** | 145mm | | |
| **B** | 135mm | | |
| **C** | 26mm | | |

## 54357 — 18,50€

0.29 – 10 3240

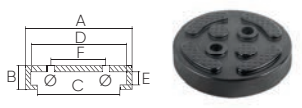



TWIN BUSCH

| | | | |
|---|---|---|---|
| **A** | 120mm | **D** | 105mm |
| **B** | 30mm | **E** | 8,5mm |
| **C** | 100mm | **F** | 66mm |

## 54358 — 22,50€

0.36 – 44 2376

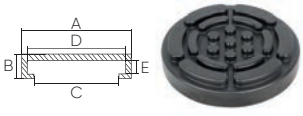



TWIN BUSCH

| | | | |
|---|---|---|---|
| **A** | 140mm | **D** | 123mm |
| **B** | 30mm | **E** | 10mm |
| **C** | 115mm | **F** | 50mm |

## 54361 — 17,00€

0.25 – 52 2808

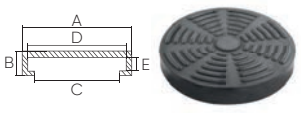



TWIN BUSCH

| | | | |
|---|---|---|---|
| **A** | 140mm | **D** | 125mm |
| **B** | 28mm | **E** | 8mm |
| **C** | 120mm | | |

## 54363 — 17,00€

0.30 – 10 2376

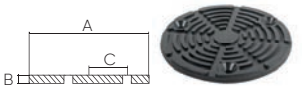



ISTOBAL/VELYEN

| | | | |
|---|---|---|---|
| **A** | 155mm | **D** | 147mm |
| **B** | 24mm | **E** | 6mm |
| **C** | 140mm | | |

## 54365 — 12,50€

0.20 – 10 4970



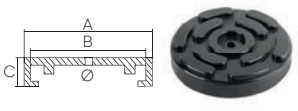

ISTOBAL/VELYEN

| | | | |
|---|---|---|---|
| **A** | 145mm | | |
| **B** | 10mm | | |
| **C** | 60mm | | |

# CAR LIFT RUBBER PADS

## 54359 — 14,00€

| 0.31 | – | 10 | 2592 |
|---|---|---|---|

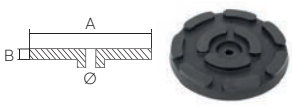


OMCN

| | | | |
|---|---|---|---|
| **A** | 140mm | | |
| **B** | 133mm | | |
| **C** | 27mm | | |

## 54491 — 20,50€

| 0.18 | – | 10 | 2376 |
|---|---|---|---|

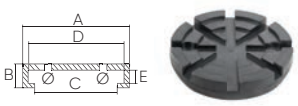


OMCN

| | | | |
|---|---|---|---|
| **A** | 145mm | | |
| **B** | 25mm | | |

## 54366 — 22,50€

| 0.30 | – | 10 | 3360 |
|---|---|---|---|

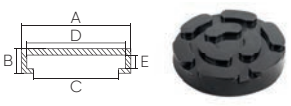


NASSBAUM/AMI

| | | | |
|---|---|---|---|
| **A** | 125mm | **D** | 120mm |
| **B** | 24mm | | |
| **C** | 90mm | | |

## 54362 — 17,00€

| 0.25 | – | 10 | 2592 |
|---|---|---|---|

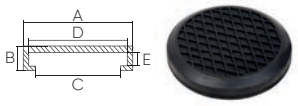


CASCOS

| | | | |
|---|---|---|---|
| **A** | 138mm | **D** | 130mm |
| **B** | 25mm | **E** | 9mm |
| **C** | 120mm | | |

## 54487 — 17,00€

| 0.15 | – | 10 | 4320 |
|---|---|---|---|

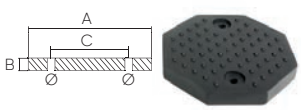


ROTARY

| | | | |
|---|---|---|---|
| **A** | 123mm | **D** | 112mm |
| **B** | 22mm | **E** | 8mm |
| **C** | 90,5mm | | |

## 54495 — 21,50€

| 0.25 | – | 108 | 3240 |
|---|---|---|---|

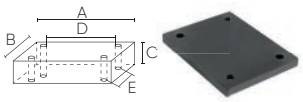


ROTARY

| | | | |
|---|---|---|---|
| **A** | 125mm | | |
| **B** | 15mm | | |
| **C** | 90mm | | |

## 54496 — 20,50€

| 0.10 | – | 10 | 11748 |
|---|---|---|---|

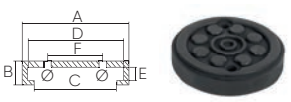


ROTARY

| | | | |
|---|---|---|---|
| **A** | 104mm | **D** | 80mm |
| **B** | 82mm | **E** | 56mm |
| **C** | 8mm | | |

## 54497 — 15,50€

| 0.15 | – | 10 | 4700 |
|---|---|---|---|

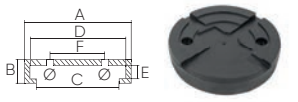


MAHA

| | | | |
|---|---|---|---|
| **A** | 120mm | **D** | 113mm |
| **B** | 22mm | **E** | 8mm |
| **C** | 102mm | **F** | 83mm |

## 54492 — 22,50€

| 0.35 | – | 60 | 3060 |
|---|---|---|---|

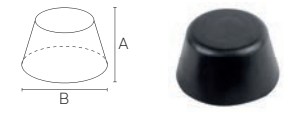


SLIFT/IME

| | | | |
|---|---|---|---|
| **A** | 125mm | **D** | 110mm |
| **B** | 25mm | **E** | 9mm |
| **C** | 102mm | **F** | 83mm |

## 54356 — 23,00€

| 0.44 | – | 48 | 1728 |
|---|---|---|---|

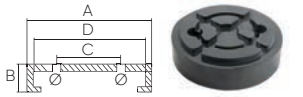


500E/500X/JEEP RENEGADE

| | | | |
|---|---|---|---|
| **A** | 55mm | | |
| **B** | 100mm | | |

## 54364 — 16,50€

| 0.29 | – | 10 | 2800 |
|---|---|---|---|

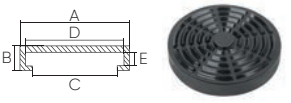


LAUNCH/TWIN BUSCH/RP TOOLS

| | | | |
|---|---|---|---|
| **A** | 120mm | **D** | 108mm |
| **B** | 32mm | | |
| **C** | 70mm | | |

## 54489 — 22,50€

| 0.34 | – | 10 | 1500 |
|---|---|---|---|

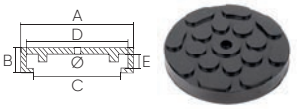


KONI/ROMERICO/CAR-O-LINER

| | | | |
|---|---|---|---|
| **A** | 160mm | **D** | 153mm |
| **B** | 29mm | **E** | 10mm |
| **C** | 140mm | | |

## 54490 — 15,00€

| 0.20 | – | 90 | 4752 |
|---|---|---|---|

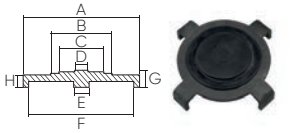


ATH/HOFMANN/
HERMANN/J.A.B. BECKER

| | | | |
|---|---|---|---|
| **A** | 120mm | **D** | 110mm |
| **B** | 19mm | **E** | 4mm |
| **C** | 103mm | | |

## 54761 — 56,50€

| 0.35 | – | 52 | 2808 |
|---|---|---|---|

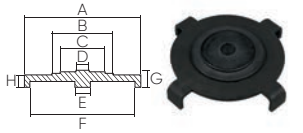


TESLA

| | | | |
|---|---|---|---|
| **A** | 130mm | **E** | 20mm |
| **B** | 80mm | **F** | 120mm |
| **C** | 58mm | **G** | 30mm |
| **D** | 17mm | **H** | 16mm |

## 54762 — 59,00€

| 0.48 | – | 32 | 2016 |
|---|---|---|---|

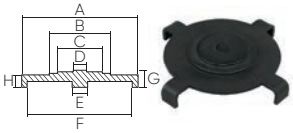


TESLA

| | | | |
|---|---|---|---|
| **A** | 150mm | **E** | 20mm |
| **B** | 80mm | **F** | 140mm |
| **C** | 58mm | **G** | 30mm |
| **D** | 17mm | **H** | 16mm |

## 54763 — 60,50€

| 0.52 | – | 32 | 1888 |
|---|---|---|---|



TESLA

| | | | |
|---|---|---|---|
| **A** | 170mm | **E** | 20mm |
| **B** | 80mm | **F** | 160mm |
| **C** | 58mm | **G** | 30mm |
| **D** | 17mm | **H** | 16mm |

## 54175 — 34,00€

| 0.80 | 5 | 20 | 360 |
|---|---|---|---|

# SET OF 4 TESLA LIFTING PADS





| | |
|---|---|
| **Brands** | Tesla 3/Y/S/X |
| **Weight** | 0,80Kg |
| **Dimensions (LxWxH)** | 200x200x60mm |

# ELECTRIC TOOLS


**368** JUMP STARTER

**369** BATTERY MAINTENANCE

**370** MILTIMETERS

**372** VISUAL INSPECTION

**374** WELDING

**376** WORKSHOP EQUIPMENT

**381** AIR CONDITIONING

**383** THERMOMETERS

**383** OTHERS




## STARTER CABLES



### BRASS SOLID CLAMPS

| REF. | Ø CABLE | LENGTH | AH | V | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 51238 | 14mm | 5m | 700Ah | 12-24V | 4.95 | - | 2 | 84 | 138,00€ |
| 51239 | 15mm | 7m | 700Ah | 12-24V | 5.90 | - | 2 | 78 | 169,00€ |



### COPPER-PLATED IRON CLAMPS

| REF. | Ø CABLE | LENGTH | AH | V | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 52069 | 12mm | 2,5m | 250Ah | 12V | 1.55 | - | 10 | 45 | 29,50€ |
| 52070 | 12mm | 3m | 350Ah | 12V | 1.95 | - | 5 | 120 | 40,00€ |
| 52071 | 12mm | 3m | 500Ah | 12V | 2.35 | - | 5 | 62 | 47,00€ |



### BRASS SOLID CLAMPS WITH OVERLOAD PROTECTOR

| REF. | Ø CABLE | LENGTH | AH | V | | | | | € |
|---|---|---|---|---|---|---|---|---|---|
| 51363 | 12mm | 3m | 350Ah | 12V | 2.63 | - | 5 | 160 | 119,00€ |
| 51365 | 12mm | 3m | 500Ah | 12V | 3.10 | - | 5 | 90 | 124,00€ |

## STARTER CABLE CLIPS

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 14145 | ● | COPPER | 0.20 | - | 30 | 112 | 8,50€ |
| 14146 | ● | COPPER | 0.20 | - | 30 | 112 | 8,00€ |
| 14147 | ● | BRASS | 0.35 | - | 15 | 162 | 25,50€ |
| 14148 | ● | BRASS | 0.35 | - | 15 | 162 | 25,50€ |



14145 - 14146



14147 - 14148

**53687** 298,00€

11.35 - 1 14

## JUMP STARTER 12V

VIDEO TUTORIAL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 12V |
| **Battery** | 22.000 mAh |
| **Starting current** | 750A |
| **Maximum current** | 1500A |
| **Weight** | 11,35Kg |
| **Dimensions (LxWxH)** | 392x209x370mm |

**53688** 495,00€

18.05 - 1 14

## JUMP STARTER 12/24V

VIDEO TUTORIAL

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 12-24V |
| **Battery** | 22.000 mAh |
| **Maximum current (12V)** | 1500-3000A |
| **Maximum current (24V)** | 750-1500A |
| **Weight** | 18,05Kg |
| **Dimensions (LxWxH)** | 392x209x370mm |

## 55019

299,00€

1.50 | - | 4 | 80

NEW

### MULTIFUNCTION VEHICLE JUMP STARTER WITH DIGITAL DISPLAY AND 16.000MAH LITHIUM BATTERY – 12V




| | |
|---|---|
| **Voltage** | 12V |
| **Battery** | 16.000mAh |
| **Starting current** | 650A |
| **Peak maximum current** | 2100A |
| **Weight** | 1,50Kg |
| **Dimensions (LxWxH)** | 250x100x240mm |

## 55020

580,00€

5.50 | - | 1 | 36

NEW

### MULTIFUNCTION VEHICLE JUMP STARTER WITH DIGITAL DISPLAY AND 48,000MAH LITHIUM BATTERIES – 12V/24V




| | |
|---|---|
| **Voltage** | 12/24V |
| **Battery** | 48.000 mAh |
| **Maximum current (12V)** | 1200A-3000A |
| **Maximum current (24V)** | 600-1500A |
| **Weight** | 5,50Kg |
| **Dimensions (LxWxH)** | 345×368×131 mm |

## 53927

69,00€

0.65 | 5 | 20 | 240

### BATTERY CHARGER 6/12V




| | |
|---|---|
| **Maximum input voltage** | 100-200V |
| **Maximum output voltage** | 7,2V |
| **Power** | 60W |
| **Maximum charging current** | 3,6A |
| **Minimum charging current** | 0,9A |
| **Operating temperature** | 0/40°C |
| **Input cable length** | 1,5m |
| **Output cable length** | 1,5m |
| **Type** | Carga automática/Automatic charge |
| **Compatible with** | Baterías/Batteries 6-12V |
| **Weight** | 0,65Kg |

## 53929

95,00€

0.90 | 5 | 20 | 240

### BATTERY CHARGER 12/24V




| | |
|---|---|
| **Maximum input voltage** | 100-240V |
| **Maximum output voltage** | 14,4-14,7V |
| **Power** | 150W |
| **Maximum charging current** | 7,2A |
| **Minimum charging current** | 3,6A |
| **Operating temperature** | -20/40°C |
| **Input cable length** | 1,8m |
| **Output cable length** | 1,5m |
| **Type** | Carga automática/Automatic charge |
| **Compatible with** | Baterías/Batteries 12-24V |
| **Weight** | 0,90Kg |

## 55017

890,00€

10.00 | - | 2 | 200

NEW

### 12V SMART BATTERY CHARGER




| | |
|---|---|
| **Voltage** | 12V |
| **Starting current** | 150A |
| **Protection** | IP20 |
| **Power** | 1650W |
| **Maximum charging current** | 10-150A |
| **Weight** | 10,00Kg |
| **Dimensions (LxWxH)** | 420x330x125mm |

## 52884

79,00€

0.25 | 5 | 20 | 360

### MEMORY SAVER FOR CHANGE BATTERY

| | |
|---|---|
| **Compatible with** | Baterías/Batteries 12V |
| **Cable lenght** | 2070mm (+/- 20mm) |
| **Length of the burner connection** | 235mm (+/- 20mm) |
| **Weight** | 0,25Kg |



## 51816

58,00€

0.30 | 6 | 48 | 576

### DIGITAL BATTERY TESTER





| | |
|---|---|
| **Compatible with** | Baterías/Batteries 12V |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 70x18x120mm |

## 51235

49,00€

1.25 | - | 10 | 180

### BATTERY TESTER



| | |
|---|---|
| **Compatible with** | Baterías/Batteries 6-12V |
| **Weight** | 1,25Kg |
| **Dimensions (LxWxH)** | 330x170x90mm |

## 52233

348,00€

2.32 | - | 6 | 84

### DIGITAL BATTERY TESTER WITH PRINTER

| | |
|---|---|
| **Battery** | AGM, VRLA, GEL, SLI |
| **Applicable** | 12, 24V |
| **Range** | 40-2000CCA (SAE) |
| **Cable lenght** | 1800mm |
| **Weight** | 2,32Kg |
| **Dimensions (LxWxH)** | 250x62x42mm |

**INCLUDES**
x1 Thermal paper

SPARE PARTS AVAILABLE



## 54040

240,00€

0.90 | 1 | 10 | 140

### BATTERY TESTER WITH PRINTER

| | |
|---|---|
| **Battery** | AGM, GEL, VRLA, SLI |
| **Applicable** | 12, 24V |
| **Range** | 100-2000CCA (SAE) |
| **Cable lenght** | 550mm |
| **Weight** | 0,90Kg |
| **Dimensions (LxWxH)** | 87x48x180mm |

**INCLUDES**
x2 Thermal paper
x1 CR2032 battery

SPARE PARTS AVAILABLE



## 54557

78,00€

0.40 | - | 30 | 360

### VOLTAGE TESTER



| | |
|---|---|
| **Voltage** | 12-1000V |
| **Frequency** | 40-400Hz |
| **Operating temperature** | -10/55°C |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 73x34x268mm |

## 54559

18,60€

0.15 | 10 | 80 | 960

### NON CONTACT VOLTAGE TESTER





| | |
|---|---|
| **Voltage** | 50-1000V |
| **Frequency** | 50-60Hz |
| **Operating temperature** | 0/50°C |
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 143x25x21mm |

## AUTOMOTIVE CIRCUIT TESTERS

| REF. | V | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53028 | 6, 12, 24V | 1.8x190mm | 0.70 | 10 | 120 | 1440 | 5,80€ |
| 53029 | 6, 12, 24V | 2x115mm | 0.08 | 12 | 240 | 2400 | 6,80€ |
| 53030 | 6, 12, 24V | 3x142mm | 0.17 | 6 | 60 | 720 | 12,00€ |



53028 53029 53030

**54114** 248,00€

1.48 - 10 100

## INSULATION TESTER

| | |
|---|---|
| **Voltage** | AC / DC |
| **AC voltage measurement** | 0-750V |
| **DC voltage measurement** | 0-1000V |
| **Resistance measurement (Ω)** | 0-200Ω, 200-2000Ω, 0-200mΩ, 200-2000mΩ |
| **Operating environment** | 0°C/40°C |
| **Storage environment** | -10°C/60°C |
| **Battery** | 6 Pilas/Batteries AA |
| **Measurement category** | CAT III |
| **Installation category** | 2 |
| **Weight** | 1,48Kg |
| **Dimensions (LxWxH)** | 200x92x55mm |



**53209** 8,50€

0.14 24 96 768

## BATTERY HYDROMETER

| | |
|---|---|
| **Compatible with** | Baterías/Batteries 6-12-24V |
| **Lenght** | 270mm |
| **Weight** | 0,14Kg |



**54256** 54,00€

0.64 - 20 360

## ANTI-ZAP PROTECTOR 12/24V

| | |
|---|---|
| **Voltage** | 12-24V |
| **Maximum DC voltage** | 35V |
| **Peak maximum current** | 800Amps |
| **Maximum absorption** | 1500W |
| **Weight** | 0,64Kg |



**52231** 53,00€

0.41 5 20 240

## MULTIMETER ACCESSORIES SET

**INCLUDES**

| | |
|---|---|
| x2 | Probes |
| x2 | Little clamps |
| x2 | Large clamps |
| 113cm | Extension cables |



**52439** 227,00€

3.26 - 5 50

## MULTIMETER CABLE SET AND ACCESSORIES

**INCLUDES**

| | |
|---|---|
| x2 | Variable resistance meter |
| x2 | Test light led |
| x2 | SRS sustituttion and prove dispositives |
| x2 | Alligator pliers |
| x2 | Latching sockets |
| x4 | Probe |
| x24 | Round connectors |
| x48 | Flat connectors |



## 52382 — 19,50€

| 0.23 | 5 | 50 | 1600 |
|---|---|---|---|

### DIGITAL CLAMP MULTIMETER

| | |
|---|---|
| **DCB** | 600V |
| **ACB** | 600V |
| **DCA** | - |
| **ACA** | 20A, 200A, 600A |
| **OHM** | 2KΩ, 200KΩ, 2MΩ |



| | |
|---|---|
| **Voltage** | AC / DC |
| **Storage environment** | 0°C/40°C |
| **Operating environment** | -10°C/40°C |
| **Battery** | 2 Pilas/Batteries AAA |
| **Weight** | 0,23Kg |
| **Dimensions (LxWxH)** | 167x55x22mm |

## 52952 — 74,00€

| 0.26 | 5 | 50 | 1500 |
|---|---|---|---|

### PROFESSIONAL DIGITAL CLAMP MULTIMETER

| | |
|---|---|
| **DCB** | 20V, 600V |
| **ACB** | 600V |
| **DCA** | 200A |
| **ACA** | 200A |
| **OHM** | 2000Ω |



| | |
|---|---|
| **Voltage** | AC / DC |
| **Operating environment** | 0°C/40°C |
| **Storage environment** | -10°C/40°C |
| **Battery** | 2 Pilas/Batteries AAA |
| **Weight** | 0,26Kg |
| **Dimensions (LxWxH)** | 175x53x25mm |

## 50942 — 28,00€

| 0.35 | 10 | 40 | 480 |
|---|---|---|---|

### DIGITAL MULTIMETER

| | |
|---|---|
| **AC voltage measurement** | 200mV, 2V, 20V, 200V, 1000V |
| **DC voltage measurement** | 200mV, 2V, 20V, 200V, 750V |
| **AC current measurement** | 20mA, 200mA, 20A |
| **DC current measurement** | 20mA, 200mA, 20A |
| **Resistance measurement (Ω)** | 200O, 2KO, 20KO,200KO, 2MO, 20MO, 2000MO |
| **Capacitance measurement (F)** | 2nF, 20nF, 200nF, 2µF, 20µF, 200µF |
| **Operating temperature** | -40°C /1000 °C |
| **Weight** | 0,35Kg |
| **Dimensions (LxWxH)** | 190x90x33mm |




## 54706 — 58,00€

| 0.21 | - | 40 | 640 |
|---|---|---|---|

### WIFI ENDOSCOPE CAMERA



VIDEO TUTORIAL



| | |
|---|---|
| **Frames** | 25FPS |
| **Cable lenght** | 1m |
| **Camera diameter** | 8mm |
| **Focus range** | 70° |
| **IP protection** | IP67 |
| **Battery capacity** | 850mAh |
| **Working time** | 2,5h |
| **Charging time** | 1,5h |
| **Compatible with** | iOS, Android |
| **Viewing angle** | 70° |
| **Brightness** | 24Lm |

| | |
|---|---|
| **Type of charge** | TYPE-C |
| **Headboard measurements** | 41x8mm |
| **Weight** | 0,210Kg |
| **Dimensions (LxH)** | 98,5x38,5mm |

## 53484

579,00€

4.70 | - | 1 | 47

### SMOKE LEAK DETECTOR 16L/MIN

VIDEO TUTORIAL

SPARE PARTS AVAILABLE




| | |
|---|---|
| **Voltage** | 12V |
| **Flow rate** | 16L/min |
| **Test pressure** | 15PSI |
| **Weight** | 4,70Kg |
| **Dimensions (LxWxH)** | 275x220x265mm |

## 54524

298,00€

3.32 | - | 4 | 56

### SMOKE LEAK DETECTOR 8L/MIN

VIDEO TUTORIAL

SPARE PARTS AVAILABLE




| | |
|---|---|
| **Voltage** | 12V |
| **Flow rate** | 8L/min |
| **Test pressure** | 15PSI |
| **Weight** | 3,32Kg |
| **Dimensions (LxWxH)** | 195x125x125mm |

## 54685

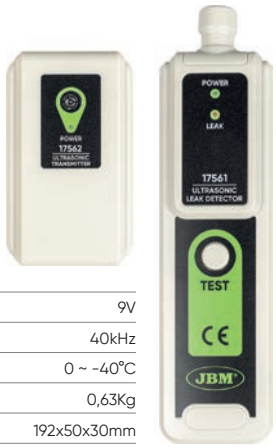
105,00€

0.63 | - | 10 | 120

### ULTRASONIC LEAK DETECTOR

SPARE PARTS AVAILABLE

VIDEO TUTORIAL




| | |
|---|---|
| **Voltage** | 9V |
| **Frequency of ultrasonic waves** | 40kHz |
| **Operating temperature** | 0 ~ -40°C |
| **Weight** | 0,63Kg |
| **Dimensions (LxWxH)** | 192x50x30mm |

## 14081

11,90€

0.50 | - | 12 | 960

### SMOKE MACHINE DETECTION LIQUID




| | |
|---|---|
| **Capacity** | 500ml |
| **Compatible with** | 53484 |
| **Weight** | 0,50Kg |

## 54707

437,00€

0.31 | - | 5 | 210

### THERMAL IMAGING CAMERA

| | |
|---|---|
| **Screen** | 2,4 LCD TFT |
| **Resolution** | 320x240px |
| **Emisivity** | 0,01~0,99LCD |
| **Precision** | ±2°C |
| **Range** | -20/400°C |
| **Focal length** | 0,1m |
| **Visualization** | 6 Filtros/Filters |
| **Battery** | Li-ion 3.7V/2600mAh 18650 |
| **Charging port** | USB C |
| **Weight** | 0,31Kg |
| **Dimensions (LxWxH)** | 197x72x60mm |

VIDEO TUTORIAL



## 54561

93,00€

| 0.70 | 5 | 10 | 144 |
|---|---|---|---|

# PLASTIC WELDER FOR AUTO BODY REPAIR




| | |
|---|---|
| **Rated voltage** | 3,7V |
| **Power** | 18W |
| **Battery** | 2600mAh Li-ion |
| **Includes** | 200 Grapas/Staples |
| **Charging time** | 3H |
| **Working time** | 200-500 Grapadas/Staples |
| **Charger** | Tipo C/ Type C |
| **Operating temperature** | 500°C |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 200x27x50mm |

## 53145

43,00€

| 0.95 | - | 5 | 250 |
|---|---|---|---|

# HOT AIR GUN 1600W



| | |
|---|---|
| **Voltage** | 220-240V |
| **Power** | 1600W |
| **Frequency** | 50-60Hz |
| **Operating temperature** | 400/600°C |
| **Air flow rate** | 250-550L/min |
| **Weight** | 0,95Kg |

## 53162

70,00€

| 0.80 | - | 5 | 140 |
|---|---|---|---|

# DIGITAL HOT AIR GUN 2000W



| | |
|---|---|
| **Voltage** | 220-240V |
| **Power** | 2000W |
| **Frequency** | 50-60Hz |
| **Operating temperature** | 100/600°C |
| **Air flow rate** | 280-480L/min |
| **Weight** | 0,80Kg |

## 53977

17,50€

| 0.30 | 12 | 48 | 576 |
|---|---|---|---|

# 40W SOLDERING IRON




| | |
|---|---|
| **Voltage** | 220-240V |
| **Power** | 40W |
| **Frequency** | 50Hz |
| **Operating temperature** | 450°+/-10% |
| **Lenght** | 240mm |
| **Cable lenght** | 1,3m |

## 53111

19,30€

| 0.30 | 5 | 25 | 600 |
|---|---|---|---|

# 100W SOLDERING IRON




| | |
|---|---|
| **Voltage** | 220-240V |
| **Power** | 100W |
| **Frequency** | 50Hz |
| **Operating temperature** | 420°+/-10% |
| **Lenght** | 250mm |
| **Cable lenght** | 1,5m |

**53981** 149,00€

3.35 | - | 1 | 90

## MMA INVERTER WELDER 100A DC

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 230V |
| **Frequency** | 50Hz |
| **Power** | 3,7KVA |
| **Intensity** | 16A |
| **Open-circuit voltage** | 65V |
| **Maximum output voltage** | 24V |
| **Utilization factor** | 15% |
| **Factor de potencia** | 0,7 |
| **Efficiency** | 85% |
| **Electrode** | 1,0 - 3,2mm |
| **Insulation class** | F |
| **Protection class** | IP21S |
| **Weight** | 3,35Kg |
| **Dimensions (LxWxH)** | 200x80x130mm |

**53982** 219,00€

6.10 | - | 1 | 32

## MMA INVERTER WELDER 160A DC

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 230V |
| **Frequency** | 50-60Hz |
| **Power** | 6,5KVA |
| **Intensity** | 29A |
| **Open-circuit voltage** | 65V |
| **Maximum output voltage** | 26,4V |
| **Utilization factor** | 35% |
| **Factor de potencia** | 0,7 |
| **Efficiency** | 85% |
| **Electrode** | 1,0 - 4,0mm |
| **Insulation class** | F |
| **Protection class** | IP21S |
| **Weight** | 6,10Kg |
| **Dimensions (LxWxH)** | 330x140x260mm |

## MAGNETIC SQUARE

| REF. | mm | ° | | | | | € |
|---|---|---|---|---|---|---|---|
| **54111** | 75mm | 45, 90, 135° | 0.35 | 10 | 40 | 1680 | 5,00€ |
| **54113** | 100mm | 45, 90, 135° | 0.60 | 10 | 20 | 1100 | 8,50€ |



**53414** 49,00€

0.85 | - | 6 | 36

## WELDING MASK WITH MANUAL REGULATOR



ANALOGIC REGULATOR TO ADJUST SENSITIVITY AND DARKENING

**53415** 188,00€

0.95 | - | 4 | 40

## WELDING MASK WITH DIGITAL REGULATOR



DIGITAL REGULATOR TO ADJUST SENSITIVITY, DARKENING AND CADENCE

**54482** 698,00€

13.30 – 1 12

## ULTRASONIC CLEANER 30L

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 200-240V |
| **Power** | 500-600W |
| **Frequency** | 50Hz |
| **Frequency of ultrasonic waves** | 40KHZ |
| **Tank capacity** | 30L |
| **Number of transducers** | 10 |
| **Timer** | 1-60min |
| **Operating temperature** | 0/80°C |
| **Weight** | 14,50Kg |
| **Tank dimensions** | 500x300x200mm |
| **Dimensions (LxWxH)** | 555x325x335mm |

**54733** 3.360,00€

95.00 – 1 1

## ULTRASONIC CLEANER 53L

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 110-220V |
| **Power** | 900-1500W |
| **Frequency** | 50Hz |
| **Frequency of ultrasonic waves** | 40KHZ |
| **Tank capacity** | 53L |
| **Number of transducers** | 18 |
| **Timer** | 1-99min |
| **Operating temperature** | 20/95°C |
| **Weight** | 95,00Kg |
| **Tank dimensions** | 500x350x300mm |
| **Dimensions (LxWxH)** | 665x515x600mm |

**17605** 179,00€

23.00 – 1 24

## ULTRASONIC CLEANING LIQUID



| | |
|---|---|
| **Compatible with** | 54482, 54733 |
| **Capacity** | 20L |
| **Weight** | 23,00Kg |
| **Dimensions (LxWxH)** | 280x240x410mm |



## 54795 — 49,00€

0.18 | - | 10 | 1200

NEW

### SCAN TOOL CODE READER OBDII/EOBD FOR VEHICLES




| | |
|---|---|
| **Screen** | 128x64px |
| **Operating temperature** | 0~60°C (32~140F°) |
| **Power supply** | 8.0~18.0V |
| **Connectors** | OBD II |
| **Dimensions (LxWxH)** | 108x74x20mm |
| **Weight** | 0,30Kg |

## 53660 — 159,00€

8.60 | - | 1 | 27

### ADJUSTABLE BENCH GRINDER STAND



| | |
|---|---|
| **Height** | 790mm |
| **Top tray measurements** | 250x280mm |
| **Compatible with** | 52195 |

## 53656 — 198,00€

11.05 | - | 1 | 50

### BENCH GRINDER - 450W



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 450W |
| **Frequency** | 50Hz |
| **Speed** | 2950RPM |
| **Size of the grindstone** | 150x20x12,7mm |

## 53657 — 259,00€

16.35 | - | 1 | 24

### BENCH GRINDER - 600W



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 600W |
| **Frequency** | 50Hz |
| **Speed** | 2950RPM |
| **Size of the grindstone** | 200x25x15,88mm |

## 53658 — 99,00€

6.95 | - | 1 | 60

### ELECTRIC BENCH GRINDER - 250W



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 250W |
| **Frequency** | 50Hz |
| **Speed** | 2950RPM |
| **Size of the grindstone** | 150x20x12,7mm |

## 53659 — 121,00€

9.70 | - | 1 | 15

### BENCH GRINDER - 250W



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 250W |
| **Frequency** | 50Hz |
| **Speed** | 2950RPM |
| **Size of the grindstone** | 150x20x12,7mm/200x40x20mm |

## NEW PROFESSIONAL ELECTRIC ANGLE GRINDERS

| REF. | V | Hz | W | Ø | RPM | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 54872 | 220-230V | 50Hz | 750W | 115mm | 11000RPM | 2.25 | - | 4 | 144 | 80,00€ |
| 54753 | 230V | 50/60Hz | 1400W | 125mm | 10500RPM | 3.00 | - | 4 | 144 | 130,00€ |
| 54883 | 220-230V | 50Hz | 2400W | 230mm | 6500RPM | 6.75 | - | 2 | 48 | 198,00€ |



54872

SPARE PARTS AVAILABLE



54753

SPARE PARTS AVAILABLE



54883

SPARE PARTS AVAILABLE



VIDEO TUTORIAL

### 54512 — 586,00€

5.66 | - | 1 | 38

## INDUCTION HEATER 1KW



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Power** | 1KW |
| **Frequency** | 50Hz |
| **Power consumption** | 4,16A |
| **Power output** | 0,8KVA |
| **Load factor** | 0,58-0,975KVA |
| **IP protection** | IP20 |
| **Cable lenght** | 1000mm |
| **Induction torch length** | 700mm |
| **Weight** | 5,66Kg |
| **Dimensions (LxWxH)** | 365x67x70mm |

### 54522 — 1.299,00€

5.25 | - | 4 | 24

## INDUCTION HEATER 1.5KW



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Power** | 1,5W |
| **Frequency** | 50-60Hz |
| **Power consumption** | 8A |
| **Power output** | 3,2KVA |
| **Load factor** | 0,95KVA |
| **IP protection** | IP20 |
| **Cable lenght** | 1000mm |
| **Induction torch length** | 700mm |
| **Weight** | 5,25Kg |
| **Dimensions (LxWxH)** | 200x140x75mm |

## 54342

858,00€

49.50 - 1 4

# PARTS CLEANER MACHINE WITH THERMOSTAT 14L

| | |
|---|---|
| **Tank capacity** | 8-14L |
| **Air flow rate** | 70-120PSI |
| **Recirculation flow rate of flushing agent** | 0,8L/min |
| **Maximum thermostat temperature** | 50°C |
| **Outlet temperature** | 35°C |
| **Weight** | 49,50Kg |
| **Tank dimensions** | 740x560x452mm |
| **Dimensions (LxWxH)** | 790x1260x610mm |

SPARE PARTS AVAILABLE

VIDEO TUTORIAL




## 52980

498,00€

45.00 - 1 4

# PARTS CLEANING MACHINE 150L

SPARE PARTS AVAILABLE




| | |
|---|---|
| **Tank capacity** | 90L |
| **Delivery flow** | 2,7 - 3,6 L/min |
| **Weight** | 42,00Kg |
| **Tank dimensions** | 1060x490x270mm |
| **Dimensions (LxWxH)** | 1090x540x890mm |

## 50632

298,00€

24.20 - 1 7

# PARTS CLEANING MACHINE 80L

SPARE PARTS AVAILABLE




| | |
|---|---|
| **Tank capacity** | 45L |
| **Delivery flow** | 2,7 - 3,6 L/min |
| **Weight** | 23,20Kg |
| **Tank dimensions** | 710x480x256mm |
| **Dimensions (LxWxH)** | 760x540x880mm |

## 16872

79,00€

21.40 - 1 24

# MECHANICAL PARTS WASHING DETERGENT 20L

| | |
|---|---|
| **Compatible with** | 54342, 52980, 50632 |
| **Capacity** | 20L |
| **Weight** | 21,40Kg |
| **Dimensions (LxWxH)** | 280x240x410mm |



## 51837 — 198,00€

8.10 | - | 1 | 9

### VACUUM CLEANER DRY 30L



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1200W |
| **Frequency** | 50Hz |
| **Capacity** | 30L |
| **Liters of suction per second** | 26L/s |
| **Suction power** | 17KPA |
| **IP protection** | IPX4 |
| **Hose length** | 1,5m |
| **Cable lenght** | 4,5m |
| **Weight** | 8,25Kg |

## 51838 — 690,00€

30.00 | - | 1 | 8

### VACUUM CLEANER 80L (DRY+WET)



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1000W |
| **Frequency** | 50Hz |
| **Capacity** | 80L |
| **Liters of suction per second** | 50L/s |
| **Suction power** | 20KPA |
| **IP protection** | IPX4 |
| **Hose length** | 2m |
| **Cable lenght** | 4,5m |
| **Weight** | 28,00Kg |

## 54771 — 279,00€

7.60 | - | 1 | 16

NEW

### 20L UPHOLSTERY VACUUM CLEANER (DRY+WET)



VIDEO TUTORIAL

SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1200W |
| **Frequency** | 50Hz |
| **Capacity** | 20L |
| **Liters of suction per second** | 26L/s |
| **Sound intensity** | 82dB |
| **Suction power** | 17-18KPa |
| **IP protection** | 4 |
| **Dimensions (LxWxH)** | 390x340x460mm |
| **Weight** | 7,60Kg |



## 53947 — 149,00€

5.80 | - | 1 | 24

### HIGH PRESSURE WASHER 1400W

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1400W |
| **Frequency** | 50Hz |
| **Operating pressure** | 70-105BAR |
| **Maximum flow rate / Maximum operating flow** | 5,5-6,8L/min |
| **Operating temperature** | 50°C |
| **IP protection** | IPX5 |
| **Weight** | 5,80Kg |
| **Dimensions (LxWxH)** | 280x255x440mm |

## 53948 — 324,00€

12.10 | - | 1 | 11

### HIGH PRESSURE WASHER 2400W

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 2400W |
| **Frequency** | 50Hz |
| **Operating pressure** | 120-180BAR |
| **Maximum flow rate / Maximum operating flow** | 5,5-8L/min |
| **Operating temperature** | 50°C |
| **IP protection** | IPX5 |
| **Weight** | 12,10Kg |
| **Dimensions (LxWxH)** | 440x345x505mm |

## 54229 — 48,00€

1.76 | - | 4 | 80

### 2KW HEATER



## 54230 — 68,00€

3.10 | - | 1 | 56

### 3KW HEATER



## 54231 — 138,00€

4.80 | - | 1 | 27

### 5KW HEATER



## 54232 — 248,00€

7.90 | - | 1 | 12

### 9KW HEATER



| | 54229 | 54230 | 54231 | 54232 |
|---|---|---|---|---|
| **Voltage** | 220-240V | 220-240V | 380-400V | 380-400V |
| **Power** | 1000-2000W | 1500-3000W | 3300-5000W | 6000-9000W |
| **Frequency** | 50Hz | 50Hz | 50Hz | 50Hz |
| **Heating area** | 20m2 | 30m2 | 48m2 | 80m2 |
| **Air outlet / Air discharge** | 197m2/h | 280m2/h | 588m2/h | 1180m2/h |
| **Material** | SPCC | SPCC | SPCC | SPCC |
| **Weight** | 1,76Kg | 3,10Kg | 4,80Kg | 7,90Kg |
| **Dimensions (LxWxH)** | 210x160x217mm | 265x210x290mm | 300x235x345mm | 395x307x455mm |

## 53543 — 13,80€

0.75 | 5 | 20 | 160

### CAR FAN 120W, 12V

| | |
|---|---|
| **Voltage** | 12V |
| **Power** | 120W |
| **Frequency** | 50Hz |
| **Speeds** | 2700-3100RPM/min |
| **Weight** | 0,75Kg |
| **Dimensions (LxWxH)** | 180x175x165mm |



## 53190 — 98,00€

6.10 | - | 1 | 16

### FLOOR FAN 120W, 230V

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 120W |
| **Frequency** | 50Hz |
| **Speeds** | 1050, 1150, 1300RPM/min |
| **Weight** | 6,10Kg |
| **Dimensions (LxWxH)** | 230x620x575mm |



## 54125 — 152,00€

8.25 | - | 1 | 14

### WATER MIST FAN 75W

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 220-240V |
| **Power** | 75W |
| **Frequency** | 50Hz |
| **Speeds** | 3 |
| **Capacity** | 3,2L |
| **Water consumption** | <220ml/h |
| **Weight** | 8,25Kg |
| **Dimensions (LxWxH)** | 430x400x125mm |

## 53189 — 128,00€

7.10 | - | 1 | 12

### 120W STAND FAN



| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 120W |
| **Frequency** | 50Hz |
| **Speeds** | 1050, 1150, 1300RPM/min |
| **Weight** | 7,10Kg |
| **Dimensions (LxWxH)** | 1240x400x550mm |

## 55023 — 1.380,00€

37.00 | - | 1 | 4

NEW

### MOBILE EVAPORATIVE COOLER 300W 120L



| | |
|---|---|
| **Voltage** | 220V |
| **Power** | 300W |
| **Frequency** | 50Hz |
| **Air flow** | 6800m3/h |
| **Speeds** | 3 |
| **Tank capacity** | 120L |
| **Cooling capacity** | 30-60m2 |
| **Weight** | 37,00Kg |
| **Dimensions (LxWxH)** | 860x500x1380mm |

## 54554 — 484,50€

24.00 | - | 1 | 8

### PORTABLE AIR CONDITIONER 2600W



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 220-240V |
| **Dehumidiying capacity** | 1,0L/h |
| **Cooling capacity** | 2600W |
| **Input power** | 950W |
| **Frequency** | 50Hz |
| **Air flow** | 270m3/h |
| **Application space** | 13-18m2 |
| **Thermal unit** | 9000BTU |
| **Refrigerant** | R290 |
| **Cable diameter** | 155mm |
| **Cable lenght** | 1,5m |
| **Weight** | 21Kg |
| **Dimensions (LxWxH)** | 330x280x685mm |

## 53503

12,00€

| 0.05 | 20 | 100 | 2400 |
|---|---|---|---|

### CONTACT DIGITAL THERMOMETER

| | |
|---|---|
| **Battery** | Pila/Battery 1.5V |
| **Measuring range** | -50°C/+330°C |
| **Precision** | ±1°C |
| **Units of measure** | °C / °F |
| **Weight** | 0,05Kg |



## 52162

38,00€

| 0.17 | 6 | 72 | 576 |
|---|---|---|---|

### LASER THERMOMETER -50°C TO 550°C



| | |
|---|---|
| **Voltage** | 9V |
| **Measuring range** | -50/550°C |
| **Precision** | ±2°C |
| **Emisivity** | 0.1-1.0 |
| **Response time** | 500ms |
| **Weight** | 0,17Kg |
| **Dimensions (LxWxH)** | 145x37x90mm |

## 52450

111,00€

| 0.72 | 5 | 20 | 200 |
|---|---|---|---|

### LASER INFRARED THERMOMETER -50° TO 1000°C



| | |
|---|---|
| **Voltage** | 9V |
| **Measuring range** | -50/1000°C |
| **Precision** | ±1,5°C |
| **Emisivity** | 0.1-1.0 |
| **Response time** | 500ms |
| **Weight** | 0,72Kg |
| **Dimensions (LxWxH)** | 175x105x48mm |

## 51831

24,00€

| 0.35 | 12 | 36 | 288 |
|---|---|---|---|

### HEAT-MELT ADHESIVE GUN

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Voltage** | 100-200V |
| **Power** | 60-150W |
| **Operating temperature** | 190/230°C |
| **Nozzle diameter** | 2,3mm |
| **Weight** | 0,35Kg |

## 51033

89,00€

| 3.86 | 1 | 2 | 42 |
|---|---|---|---|

### ELECTRIC CABLE REEL EXTENSION 25M



| | |
|---|---|
| **Voltage** | 300V |
| **Power** | 1.110-3.200W |
| **Cable lenght** | 25m |
| **IP protection** | IP20 |
| **Cable** | HO5W-F 3X1,5 mm2 (PVC) |
| **Weight** | 3,86Kg |
| **Dimensions (LxWxH)** | 320x230x155mm |

## EXTENSION CABLES

| REF. | m | | | | | € |
|---|---|---|---|---|---|---|
| 53166 | 3m | 0.45 | 5 | 30 | 600 | 11,30€ |
| 53167 | 5m | 0.65 | 5 | 20 | 600 | 13,90€ |
| 53168 | 10m | 1.20 | - | 10 | 300 | 31,00€ |



**53585** 168,00€

8.35 - 2 36

### 21M RETRACTABLE ELECTRIC CABLE REEL



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1500-3000W |
| **Lenght** | 20+1M |
| **IP protection** | IP44 |
| **Cable** | H07RN-F3G1.5mm2 |
| **Weight** | 16,00Kg |
| **Dimensions (LxWxH)** | 320x205x340mm |

**53586** 168,00€

8.35 - 2 36

### 21M RETRACTABLE ELECTRIC CABLE REEL



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1500-3000W |
| **Lenght** | 20+1M |
| **IP protection** | IP44 |
| **Cable** | H07RN-F3G1.5mm2 |
| **Weight** | 16,00Kg |
| **Dimensions (LxWxH)** | 320x205x340mm |

**53526** 119,00€

5.15 - 4 48

### 12M RETRACTABLE ELECTRIC CABLE REEL



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1500-3000W |
| **Lenght** | 11+1M |
| **IP protection** | IP44 |
| **Cable** | H07RN-F3G1.5mm2 |
| **Weight** | 18,00Kg |
| **Dimensions (LxWxH)** | 330x170x300mm |

**53584** 119,00€

5.10 - 4 48

### 12M RETRACTABLE ELECTRIC CABLE REEL



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Voltage** | 230V |
| **Power** | 1500-3000W |
| **Lenght** | 11+1M |
| **IP protection** | IP44 |
| **Cable** | H07RN-F3G1.5mm2 |
| **Weight** | 20,00Kg |
| **Dimensions (LxWxH)** | 330x170x300mm |

- AUTO GUIDE REWIND SYSTEM
- DIFFERENTIAL OVERLOAD PROTECTION
- CABLE LOCKOUT



# RENEWABLE ENERGY AND MOBILITY OF THE FUTURE


**386** ELECTRIC CAR CHARGING CABLES

**386** ELECTRIC CAR CHARGERS

**387** INSULATED TOOLS




## CHARGING CABLES

| REF. | | | | | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54053 | 3.6KW | 16A | -25° +55° | IP66 | 5m | TYPE 1 TO TYPE 2 | SINGLE-PHASE | 2.15 | - | 5 | - | 248,00€ |
| 54054 | 7.5KW | 32A | -25° +55° | IP66 | 5m | TYPE 1 TO TYPE 2 | SINGLE-PHASE | 2.90 | - | 5 | 100 | 268,00€ |
| 54055 | 3.6KW | 16A | -25° +55° | IP66 | 5m | TYPE 2 TO TYPE 2 | SINGLE-PHASE | 2.15 | - | 5 | 100 | 220,00€ |
| 54056 | 11KW | 16A | -25° +55° | IP66 | 5m | TYPE 2 TO TYPE 2 | THREE-PHAS | 2.85 | - | 5 | 102 | 260,00€ |
| 54057 | 7.5KW | 32A | -25° +55° | IP66 | 5m | TYPE 2 TO TYPE 2 | SINGLE-PHASE | 2.95 | - | 5 | 90 | 248,00€ |
| 54058 | 22KW | 32A | -25° +55° | IP66 | 5m | TYPE 2 TO TYPE 2 | THREE-PHASE | 3.85 | - | 5 | 90 | 348,00€ |

TIPO 1-2 TYPE 1-2



TIPO 2-2 TYPE 2-2



**17892** 19,50€

0.30 - 50 200

ELECTRIC CAR CHARGING CABLE BAG

NEW



## WALL CHARGERS

| REF. | | | | | | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 52600 | 3.6KW | 16A | -25° +55° | IP66 | TYPE 2 | SINGLE-PHASE | 4.65 | - | 4 | 80 | 884,00€ |
| 52902 | 7KW | 32A | -25° +55° | IP66 | TYPE 2 | SINGLE-PHASE | 4.90 | - | 4 | 40 | 970,00€ |
| 52903 | 11KW | 16A | -25° +55° | IP66 | TYPE 2 | THREE-PHASE | 5.25 | - | 1 | 40 | 1.100,00€ |




**54265** 1.290,00€

5.35 - 1 120

### WALL CHARGER FOR ELECTRIC CARS: 22KW, 32A, TYPE 2, THREE-PHASE




SPARE PARTS AVAILABLE

**54059** 428,00€

2.55 - 5 90

### PORTABLE CHARGER FOR ELECTRIC CARS: 3.68KW, 16A, TYPE 2, SINGLE-PHASE



SPARE PARTS AVAILABLE

## 50942 — 28,00€

| 0.35 | 10 | 40 | 480 |
|---|---|---|---|

### DIGITAL MULTIMETER

| | |
|---|---|
| **AC voltage measurement** | 200mV, 2V, 20V, 200V, 1000V |
| **DC voltage measurement** | 200mV, 2V, 20V, 200V, 750V |
| **AC current measurement** | 20mA, 200mA, 20A |
| **DC current measurement** | 20mA, 200mA, 20A |
| **Resistance measurement (Ω)** | 200O, 2KO, 20KO,200KO, 2MO, 20MO, 2000MO |
| **Capacitance measurement (F)** | 2nF, 20nF, 200nF, 2µF, 20µF, 200µF |
| **Operating temperature** | -40°C /1000 °C |
| **Weight** | 0,35Kg |
| **Dimensions (LxWxH)** | 190x90x33mm |




## 52952 — 74,00€

| 0.26 | 5 | 50 | 1500 |
|---|---|---|---|

### PROFESSIONAL DIGITAL CLAMP MULTIMETER



| | |
|---|---|
| **Voltage** | AC / DC |
| **Operating environment** | 0°C/40°C |
| **Storage environment** | -10°C/40°C |
| **Battery** | 2 Pilas/Batteries AAA |
| **Weight** | 0,26Kg |
| **Dimensions (LxWxH)** | 175x53x25mm |

## 52382 — 19,50€

| 0.23 | 5 | 50 | 1600 |
|---|---|---|---|

### DIGITAL CLAMP MULTIMETER



| | |
|---|---|
| **Voltage** | AC / DC |
| **Storage environment** | 0°C/40°C |
| **Operating environment** | -10°C/40°C |
| **Battery** | 2 Pilas/Batteries AAA |
| **Weight** | 0,23Kg |
| **Dimensions (LxWxH)** | 167x55x22mm |

## 54091 — 441,00€

| 4.20 | - | 3 | 81 |
|---|---|---|---|

### 26 PIECES INSULATED TOOL CASE

**CERTIFICATION:**
VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C

SPARE PARTS AVAILABLE



## 54093 — 441,00€

| 2.88 | - | 4 | 64 |
|---|---|---|---|

### MODULE OF 26 PIECES OF INSULATED TOOLS

**CERTIFICATION:**
VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C

SPARE PARTS AVAILABLE



## 53154 — 462,00€

3.30 | - | 4 | 72

### 20 PIECES INSULATED TOOL CASE

**CERTIFICATION:**
VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C



## 54562 — 68,50€

1.00 | - | 12 | 240

### SET OF 25 PIECES INSULATED INTERCHANGABLE SCREWDRIVERS

**CERTIFICATION:**
VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C



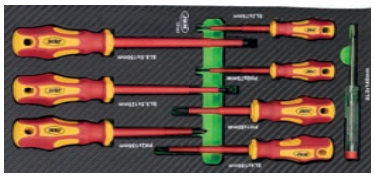
## 15162 — 32,50€

0.65 | - | 10 | 240

### MODULE OF 8 INSULATED SCREWDRIVERS VDE

**CERTIFICATION:**
VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C

SPARE PARTS AVAILABLE

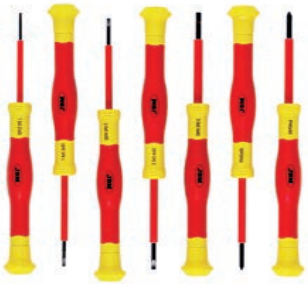


## 52519 — 25,50€

0.14 | 5 | 10 | 840

### 7 PIECES INSULATED SCREWDRIVERS 1000V

**CERTIFICATION:**
VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C



### INSULATING GLOVES FOR VOLTAGE WORK

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 54130 | T.9 | 0.35 | - | 21 | 220 | 65,00€ |
| 54131 | T.10 | 0.40 | - | 21 | 100 | 65,00€ |



**CERTIFICATION:**
VDE / CLASS 0 / CAT III
IEC ELECTRICAL SAFETY GLOVES 60903-2014

## 53165 — 19,60€

0.10 | 6 | 36 | 1152

### INSULATED CABLE HOOK KNIFE





**CERTIFICATION:**
VDE
GEPRÜFTE SICHERHEIT
1000V 22C IEC 60900 C
CERTIFICATE EN60900

## 54114 — 248,00€

1.48 | - | 10 | 100

### INSULATION TESTER

| | |
|---|---|
| **Voltage** | AC / DC |
| **AC voltage measurement** | 0-750V |
| **DC voltage measurement** | 0-1000V |
| **Resistance measurement (Ω)** | 0-200Ω, 200-2000Ω, 0-200mΩ, 200-2000mΩ |
| **Operating environment** | 0°C/40°C |
| **Storage environment** | -10°C/60°C |
| **Battery** | 6 Pilas/Batteries AA |
| **Measurement category** | CAT III |
| **Installation category** | 2 |
| **Weight** | 1,48Kg |
| **Dimensions (LxWxH)** | 200x92x55mm |



## 54132 — 190,00€

0.70 | - | 1 | 39

### ELECTRICAL INSULATING FACE SHIELD FOR VOLTAGE WORK

**CERTIFICATION:**

EN 170:2022
EN 166:2001
ANSI Z87.1
CLASS I



| | |
|---|---|
| **Height** | 205mm |
| **Protection** | Clase I/Class I |
| **Type** | Tratamiento anti-vaho/Anti-fogging treatment |
| **Weight** | 0,70Kg |

## 54241 — 120,00€

1.10 | - | 1 | 50

### INSULATED RESCUE HOOK - 45KV



| | |
|---|---|
| **Working voltage** | 45KV |
| **Material** | Fibra de vidrio/Fiberglass, Resina poliester/Polyester resin |
| **Lenght** | 1650mm |
| **Weight** | 1,10Kg |

## 54129 — 110,00€

2.10 | - | 1 | 200

### INSULATING MAT CLASS 0



| | |
|---|---|
| **AC current measurement** | 1000V |
| **DC current measurement** | 1500V |
| **Protection** | Clase/Class 0 |
| **Weight** | 2,10Kg |
| **Dimensions (LxWxH)** | 1000x600x2mm |

**CERTIFICATION:**

IEC ELECTRICAL SAFETY MATTING 61111 : 2009
CLASS 0

## 54386 — 5.839,00€

418.00 | - | 1 | 1

### 1200KG ENERGY VEHICLE BATTERY ASSEMBLING LIFT WITH BRACKETS



SPARE PARTS AVAILABLE

VIDEO TUTORIAL

| | |
|---|---|
| **Capacity** | 1200Kg |
| **Maximum lifting height** | 1840mm |
| **Minimum lifting height** | 650mm |
| **Platform dimensions** | 1290x768mm |
| **Dimensions of the extended platform** | 1400x768mm |
| **Lifting time (no load)** | 24s |
| **Descent time (no load)** | 140s |
| **Including bracket** | Si/Yes |
| **Weight** | 418,00Kg |
| **Dimensions (LxWxH)** | 1840x770x650mm |

## 54564 — 5.511,00€

418.00 | - | 1 | 1

### 1200KG ENERGY VEHICLE BATTERY ASSEMBLING LIFT WITHOUT BRACKETS



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 1200Kg |
| **Maximum lifting height** | 1840mm |
| **Minimum lifting height** | 650mm |
| **Platform dimensions** | 1290x768mm |
| **Dimensions of the extended platform** | 1400x768mm |
| **Lifting time (no load)** | 24s |
| **Descent time (no load)** | 140s |
| **Including bracket** | No |
| **Weight** | 418,00Kg |
| **Dimensions (LxWxH)** | 1840x770x650mm |

## SAFETY DISTANCE

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 53940 | YELLOW/BLACK PLASTIC POST | 0.55 | - | 6 | 90 | 15,50€ |
| 54326 | PLASTIC CHAIN - 7M YELLOW/BLACK | 0.30 | - | 20 | 600 | 8,50€ |
| 53987 | YELLOW / BLACK BARRIER TAPE - 200M | 0.59 | - | 40 | 560 | 10,00€ |
| 53942 | PLASTIC S-HOOK | 0.01 | 50 | 5000 | 75000 | 0,50€ |
| 54322 | SET OF 2 HIGH VOLTAGE WARNING SIGNS | 0.05 | 25 | 100 | - | 21,00€ |




## 7 DRAWER TOOL TROLLEYS

**SPECIAL VDE**

| REF. | DRAWERS | COLOR | EQUIPPED | PIECES | MATERIAL | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 54236 | 7 | ● | Full | 23 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |
| 54234 | 7 | ● | Full | 23 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |
| 54235 | 7 | ● | Full | 23 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |
| 54233 | 7 | ● | Full | 23 | Steel | 67.70 | - | 1 | 4 | 1.856,00€ |

**IT CONTAINS**

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52162 | A | 1 | 0.17 | 6 | 72 | 576 | 38,00€ |
| 53940 | B | 4 | 0.55 | - | 6 | 90 | 15,50€ |
| 54326 | C | 4 | 0.30 | - | 20 | 600 | 8,50€ |
| 53942 | D | 8 | 0.01 | 50 | 5000 | 75000 | 0,50€ |
| 54093 | E | 1 | 2.88 | - | 4 | 64 | 441,00€ |
| 54114 | F | 1 | 1.48 | - | 10 | 100 | 248,00€ |
| 54129 | G | 1 | 2.10 | - | 1 | 200 | 110,00€ |
| 54130 | H | 1 | 0.35 | - | 21 | 220 | 65,00€ |
| 54132 | I | 1 | 0.70 | - | 1 | 39 | 190,00€ |
| 54241 | J | 1 | 1.10 | - | 1 | 50 | 120,00€ |
| 54322 | K | 1 | 0.05 | 25 | 100 | - | 21,00€ |



# WORKSHOP ACCESSORIES


**392** HOSE REELS

**394** LADDERS

**395** PLATFORMS

**396** FOLDABLE TROLLEYS

**398** HOISTS




## RETRACTABLE ELECTRIC HOSE REEL

| REF. | | m | V | W | IP | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|
| 53586 | | 21m | 230V | 1500 - 3000W | IP44 | 8.35 | - | 2 | 36 | 168,00€ |
| 53585 | | 21m | 230V | 1500 - 3000W | IP44 | 8.35 | - | 2 | 36 | 168,00€ |
| 53584 | | 12m | 230V | 1500 - 3000W | IP44 | 5.10 | - | 4 | 48 | 119,00€ |
| 53526 | | 12m | 230V | 1500 - 3000W | IP44 | 5.15 | - | 4 | 48 | 119,00€ |






CABLE LOCKOUT



OVERLOAD PROTECTION



AUTO GUIDE REWIND SYSTEM



WITH WALL BRACKET

## RETRACTABLE AIR HOSE REEL

| REF. | | m | " | Operating pressure | Burst pressure | | | | | | € |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 53582 | | 22m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 10.40 | - | 1 | 14 | 174,00€ |
| 53583 | | 22m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 10.75 | - | 1 | 14 | 174,00€ |
| 53532 | | 13m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 6.60 | - | 2 | 30 | 119,00€ |
| 53581 | | 13m | 3/8" | 10BAR/150PSI | 30BAR/450PSI | 9.5mm | 6.70 | - | 2 | 36 | 119,00€ |
| 53881 | | 11,5m | 1/4" | 10BAR/150PSI | 30BAR/450PSI | 8mm | 4.50 | - | 4 | 48 | 79,00€ |
| 53882 | | 11,5m | 1/4" | 10BAR/150PSI | 30BAR/450PSI | 8mm | 4.50 | - | 4 | 48 | 79,00€ |






AUTO GUIDE REWIND SYSTEM



WITH HANDLE



WITH COUPLING



53582 - 53583



53532-53581-53881-53882

WITH WALL BRACKET

## 53872

118,00€

| 7.60 | - | 1 | 18 |
|---|---|---|---|

### 15+1,5M WATER HOSE REEL

| | |
|---|---|
| **Tube length** | 15+1,5M |
| **Operating pressure** | 8BAR |
| **Connectors** | 3/4" |
| **Diameter** | 15,8mm |
| **Material** | PVC |
| **Weight** | 7,50Kg |
| **Dimensions (LxWxH)** | 440x230x410mm |



SPARE PARTS AVAILABLE

## 50797

490,00€

| 20.00 | - | 1 | 14 |
|---|---|---|---|

### 15+1M 1/2" RETRACTABLE OIL HOSE REEL

| | |
|---|---|
| **Tube length** | 15+1m |
| **Operating pressure** | 180BAR |
| **Burst pressure** | 540BAR |
| **Connectors** | 1/2" BSPT |
| **Diameter** | 12,7mm |
| **Material** | Acero/Steel |
| **Weight** | 19,00Kg |
| **Dimensions (LxWxH)** | 640x255x630mm |



## 51033

89,00€

| 3.86 | 1 | 2 | 42 |
|---|---|---|---|

### ELECTRIC CABLE REEL EXTENSION 25M

| | |
|---|---|
| **Voltage** | 300V |
| **Power** | 1.110-3.200W |
| **Cable lenght** | 25m |
| **IP protection** | IP20 |
| **Cable** | HO5W-F 3X1,5 mm2 (PVC) |
| **Weight** | 3,86Kg |
| **Dimensions (LxWxH)** | 320x230x155mm |



## EXTENSION CABLES

| REF. | m | | | | | € |
|---|---|---|---|---|---|---|
| 53166 | 3m | 0.45 | 5 | 30 | 600 | 11,30€ |
| 53167 | 5m | 0.65 | 5 | 20 | 600 | 13,90€ |
| 53168 | 10m | 1.20 | - | 10 | 300 | 31,00€ |



## TELESCOPIC LADDERS

**CERTIFICATION: EN 131**

| REF. | DESCRIPTION | Max. | Min. | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51982 | TELESCOPIC LADDER 6 STEPS 2M | 2000mm | 730mm | 5.51 | - | 1 | 34 | 120,00€ |
| 51983 | TELESCOPIC LADDER 10 STEPS 3.2M | 3200mm | 930mm | 9.41 | - | 1 | 34 | 185,00€ |
| 51984 | TELESCOPIC LADDER WITH 12 STEPS | 3800mm | 1020mm | 9.78 | - | 1 | 21 | 190,00€ |

51982

SPARE PARTS AVAILABLE



51983

SPARE PARTS AVAILABLE



51984

SPARE PARTS AVAILABLE



**52149** 230,00€

14.00 - 1 13

## MULTI-FUNCTIONAL TELESCOPIC LADDER



| | |
|---|---|
| **Capacity** | 150Kg |
| **Minimum height** | 835mm |
| **Maximum height** | 3800mm |
| **Compliance with the European directive** | EN131 |
| **Material** | Al, PT |
| **Weight** | 14,00Kg |
| **Dimensions (LxWxH)** | 160x490x835mm |

**54176** 188,00€

16.00 - 1 9

## MULTI-PURPOSE LADDER

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Capacity** | 150Kg |
| **Minimum height** | 1030mm |
| **Maximum height** | 3700mm |
| **Compliance with the European directive** | EN131 |
| **Material** | Al |
| **Weight** | 16,00Kg |
| **Dimensions (LxWxH)** | 1235x640x1850mm |

## 54681

74,50€

7.20 | - | 1 | 24

### 3 STEP LADDER



| | |
|---|---|
| **Capacity** | 150Kg |
| **Tray measurements** | 380x26mm |
| **Tray spacing** | 240mm |
| **Compliance with the European directive** | EN14183: 2003 |
| **Weight** | 6,00Kg |
| **Height** | 720mm |
| **Dimensions (LxWxH)** | 475x650x1150mm |
| **Dimensions of the extended platform** | 475x650x1250mm |

## 50517

129,00€

4.00 | - | 1 | 24

### 4 STEP ALUMINIUM LADDER



| | |
|---|---|
| **Capacity** | 150Kg |
| **Maximum height** | 1300mm |
| **Material** | Al |
| **Compliance with the European directive** | EN131 |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 110x420x1300mm |

## 50518

169,00€

5.32 | - | 1 | 20

### 6 STEP ALUMINIUM LADDER



| | |
|---|---|
| **Capacity** | 150Kg |
| **Maximum height** | 1910mm |
| **Material** | Al |
| **Compliance with the European directive** | EN131 |
| **Weight** | 5,32Kg |
| **Dimensions (LxWxH)** | 120x480x1910mm |

## 52230

398,00€

16.65 | - | 1 | 13

### STEP ALUMINIUM WORKING PLATFORM








SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 150Kg |
| **Folded dimensions** | 300x1090x900mm |
| **Minimum length** | 1090mm |
| **Maximum length** | 1750mm |
| **Minimum height** | 550mm |
| **Maximum height** | 930mm |
| **Material** | Al |
| **Compliance with the European directive** | EN131 |
| **Weight** | 16,65Kg |
| **Dimensions (LxWxH)** | 300x1750x900mm |

## 50913

229,00€

6.50 | - | 2 | 12

# LARGE STEP ALUMINIUM WORKING PLATFORM

| | |
|---|---|
| **Capacity** | 100Kg |
| **Material** | Al |
| **Compliance with the European directive** | EN131 |
| **Dimensions (LxWxH)** | 1400x300x800mm |
| **Weight** | 6,50Kg |
| **Folded dimensions** | 1400x300x14mm |




## 50656

290,00€

10.45 | - | 1 | 9

# SET OF 2 STEP ALUMINIUM WORKING PLATFORM

| | |
|---|---|
| **Capacity** | 100Kg |
| **Large platform dimensions (LxWxH)** | 1300x300x550mm |
| **Folded large platform dimensions (LxWxH)** | 1300x300x140mm |
| **Small platform dimensions (LxWxH)** | 1000x300x300mm |
| **Folded small platform dimensions (LxWxH)** | 1000x300x140mm |
| **Material** | Al |
| **Contains** | 11897, 15552 |
| **Compliance with the European directive** | EN131 |
| **Weight** | 10,45Kg |




SPARE PARTS AVAILABLE

## 52202

95,00€

9.35 | - | 1 | 12

# STEEL HAND TROLLEY 200KG



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 200Kg |
| **Material** | S |
| **Weight** | 9,35Kg |
| **Dimensions (LxWxH)** | 500x450x1100mm |

## 50924

342,00€

32.00 | - | 1 | 6

# STEEL DRUM HOLDER CART 200KG



| | |
|---|---|
| **Capacity** | 200Kg |
| **Material** | Fe |
| **Weight** | 31,00Kg |
| **Dimensions (LxWxH)** | 990x790x830mm |

## 54308

95,00€

4.70 | - | 1 | 42

### FOLDABLE ALUMINIUM TROLLEY 90KG

| | |
|---|---|
| **Capacity** | 90Kg |
| **Material** | Al |
| **Weight** | 4,70Kg |
| **Dimensions (LxWxH)** | 440x485x1150mm |
| **Folded dimensions** | 485x70x785mm |



## 54310

59,00€

3.00 | - | 6 | 96

### FOLDABLE ALUMINIUM TROLLEY 75KG

| | |
|---|---|
| **Capacity** | 75Kg |
| **Material** | Al |
| **Weight** | 3,00Kg |
| **Dimensions (LxWxH)** | 270x390x1000mm |
| **Folded dimensions** | 55x390x640mm |



## 54306

219,50€

11.00 | - | 1 | 15

### FOLDABLE ALUMINIUM TROLLEY 250KG

| | |
|---|---|
| **Capacity** | 250Kg |
| **Material** | Al |
| **Weight** | 11,00Kg |
| **Dimensions (LxWxH)** | 610x620x1200mm |
| **Folded dimensions** | 80x590x1000mm |





## 52200 — 98,00€

7.80 | - | 1 | 32

### STEEL PLATFORM TROLLEY 150KG



| | |
|---|---|
| **Capacity** | 150Kg |
| **Material** | S |
| **Weight** | 7,80Kg |
| **Dimensions (LxWxH)** | 735x480x830mm |
| **Folded dimensions** | 735x480x230mm |

## 54305 — 233,00€

19.00 | - | 1 | 10

### FOLDABLE PLATFORM TROLLEY 300KG



| | |
|---|---|
| **Capacity** | 300Kg |
| **Material** | Al |
| **Weight** | 19,00Kg |
| **Dimensions (LxWxH)** | 900x610x895mm |
| **Folded dimensions** | 900x610x330mm |

## 54262 — 88,00€

10.40 | - | 1 | 90

### 1 TON MANUAL CHAIN BLOCK



| | |
|---|---|
| **Capacity** | 1T |
| **Lifting height** | 2,8M |
| **Number of branches** | 1 |
| **Load chain dimensions** | 6x30x3000mm |
| **Manual chain dimensions** | 4,5x25x2500mm |
| **Load chain material** | Acero/Steel 20Mn2 |
| **Manual chain material** | Acero/Steel Q235 |
| **Effort for maximum load** | 304N |
| **Weight** | 8,50Kg |
| **Dimensions (LxWxH)** | 250x155x200mm |

## 54263 — 130,00€

14.00 | - | 1 | 80

### 2 TON MANUAL CHAIN BLOCK



| | |
|---|---|
| **Capacity** | 2T |
| **Lifting height** | 2,8M |
| **Number of branches** | 2 |
| **Load chain dimensions** | 6x30x3000mm |
| **Manual chain dimensions** | 4,5×25x2700mm |
| **Load chain material** | Acero/Steel 20Mn2 |
| **Manual chain material** | Acero/Steel Q235 |
| **Effort for maximum load** | 310N |
| **Weight** | 12,00Kg |
| **Dimensions (LxWxH)** | 300x160x195mm |

## 54264 — 240,00€

36.00 | - | 1 | 32

### 5 TON MANUAL CHAIN BLOCK



| | |
|---|---|
| **Capacity** | 5T |
| **Lifting height** | 2,8M |
| **Number of branches** | 2 |
| **Load chain dimensions** | 6x30x3000mm |
| **Manual chain dimensions** | 4,5×25x2700mm |
| **Load chain material** | Acero/Steel 20Mn2 |
| **Manual chain material** | Acero/Steel Q235 |
| **Effort for maximum load** | 361N |
| **Weight** | 33,00Kg |
| **Dimensions (LxWxH)** | 400x280x200mm |



# VEHICLE ACCESORIES


**400** SIGNALLING

**402** EMERGENCY KITS

**404** BULBS

**405** MATS

**406** SAFETY

**407** FIRST AID KITS

**408** JOINT BOOT SETS AND CLAMPS

**409** WIPERS

**410** BIKE

**411** OTHER

**414** PARKING SENSORS

**414** FLEXIBLE TUBES




**53778** 4,50€

0.35 | - | 40 | 1440

## VEHICLE WARNING TRIANGLE APPROVED 27R032736



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | ABS, PPMA, PVC, PP |
| **Standards** | E4 27R-032736 |
| **Folded dimensions** | 440x25x45mm |
| **Weight** | 0,35Kg |
| **Dimensions (LxWxH)** | 440x405x385mm |

**52795** 5,80€

0.60 | - | 20 | 980

## VEHICLE WARNING TRIANGLE APPROVED 27R032738



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | ABS, PPMA, PVC, PP |
| **Standards** | E4 27R-032738 |
| **Weight** | 0,50Kg |
| **Dimensions (LxWxH)** | 440x405x385mm |

## HIGH VISIBILITY REFLECTIVE VESTS

**CERTIFICATION: EN ISO20471:2023+A1:2016**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 50654 | | 0.13 | - | 100 | 2600 | 4,00€ |
| 50966 | | 0.12 | - | 100 | 2600 | 4,00€ |
| 50966C | | 0.12 | - | 100 | 2600 | 4,00€ |



50654



50966



50966C

## TRUCK REFLECTIVE TAPES

**CERTIFICATION: CEPE/ONU 104R**

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 51935 | | 1.04 | - | 10 | 280 | 139,00€ |
| 51936 | | 1.04 | - | 10 | 480 | 139,00€ |
| 51937 | | 1.02 | - | 10 | 280 | 139,00€ |







**53636** 22,00€

0.87 | 5 | 25 | 700

## V-20 PLATE "OVERSIZED CARGO" - PP



| | |
|---|---|
| **Material** | PP |
| **Standards** | V20 |
| **Weight** | 0,87Kg |
| **Dimensions (LxWxH)** | 500x500mm |

**53507** 27,00€

0.75 | 5 | 25 | 800

## V-20 PLATE "OVERSIZED CARGO"



| | |
|---|---|
| **Material** | PMMA, Al |
| **Standards** | V20 |
| **Weight** | 0,87Kg |
| **Dimensions (LxWxH)** | 500x500mm |

## 54904 — 45,40€

0.27 | 20 | 80 | 640

NEW

### V16 GEOLOCATABLE EMERGENCY BEACON

Emergency light to signal, locate, or track any vehicle in any type of emergency situation. Very practical, small, lightweight, and easy to use.

- Mandatory in Spain from January 1st, 2026.
- Connected to DGT 3.0. No connection outside of Spain.

| | |
|---|---|
| **Brightness** | 70cd |
| **IP protection** | IP54 |
| **Frequency** | 0,9 Hz |
| **Operating temperature** | 20~50°C |
| **Resistance** | 180Pa |
| **LED color temperature** | 1700–1800 K |
| **Certification** | V16 |
| **Material** | ABS/PC |
| **Loading method** | Pila/Battery AA (x3) |
| **Magnetic** | Si/Yes |
| **Includes** | GPS ~ x3 Batteries |
| **Visualization** | 1000M |
| **Weight** | 0,173Kg |
| **Dimensions (LxWxH)** | 82x82x49mm |

## 54904N — 45,40€

0.27 | 20 | 80 | 640

NEW

### V16 GEOLOCATABLE EMERGENCY BEACON - BLACK




VIDEO TUTORIAL



IN 20 UNITS DISPLAY CASE

## 18258 — 19,50€

0.25 | - | 100 | 1800

NEW

SUCTION CUP MOUNT FOR GEOLOCALIZABLE BEACON



## 18259 — 5,50€

0.10 | - | 100 | 5600

NEW

TELESCOPIC EXTENSION FOR GEOLOCALIZABLE BEACON MOUNT



## 18306 — 4,70€

0.05 | - | 100 | 1800

NEW

SUCTION MOUNT FOR EMERGENCY WARNING BEACON V-16



## 18307 — 4,70€

0.05 | - | 100 | 1800

NEW

SUCTION MOUNT FOR EMERGENCY WARNING BEACON V-16 - NON BRANDED



## 54013 — 35,00€

1.15 | 5 | 10 | 250

### PUNCTURE SEALANT SET WITH LIQUID AND AIR COMPRESSOR

SPARE PARTS AVAILABLE




| | |
|---|---|
| **Pieces** | 4 |
| **Includes** | 15317, 15300, 11960, 53150 |
| **Weight** | 1,15Kg |
| **Dimensions (LxWxH)** | 210x210x70mm |

## 54760 — 38,00€

1.40 | - | 6 | 210

### PUNCTURE SEALANT SET WITH LIQUID AND AIR COMPRESSOR

SPARE PARTS AVAILABLE

VIDEO TUTORIAL




| | |
|---|---|
| **Pieces** | 2 |
| **Includes** | 17684, 17676 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 240x165x95mm |

# EMERGENCY AND SAFETY KITS

Consult price by amounts.
Photolith and serigraphy not included.

## 54833 — 4,00€

0.09 | - | 200 | 2000

### BAG FOR EMERGENCY BEACON AND SAFETY VEST KIT – BLACK




| | |
|---|---|
| **Pieces** | 1 |
| **Material** | PVC |
| **Color** | Negro/Black |
| **Dimensions (LxWxH)** | 225x140x110mm |

## 54832 — 4,00€

0.09 | - | 200 | 2000

### BLACK PVC EMERGENCY KIT BAG JBM




| | |
|---|---|
| **Pieces** | 1 |
| **Material** | PVC |
| **Color** | Negro/Black |
| **Dimensions (LxWxH)** | 225x140x110mm |

## 54913 — 3,50€

0.07 | - | 100 | 600

### BLACK EVA CASE FOR EMERGENCY KIT




| | |
|---|---|
| **Pieces** | 1 |
| **Material** | EVA |
| **Color** | Negro/Black |
| **Dimensions (LxWxH)** | 240x125x60mm |

## 54835 — 4,50€

0.04 | - | 150 | 1500

### EVA PROTECTIVE CASE FOR EMERGENCY BEACON




| | |
|---|---|
| **Pieces** | 1 |
| **Material** | Espuma EVA / EVA Foam |
| **Color** | Negro/ Black |
| **Dimensions (LxWxH)** | 100x100x70mm |

## 51694 — 3,55€

0.14 | - | 100 | 1200

### BLACK EMERGENCY KIT BAG WITH PIPING



| | |
|---|---|
| **Pieces** | 1 |
| **Color** | Negro/Black |
| **Dimensions (LxWxH)** | 557x90x130mm |

## 51696 — 3,65€

0.12 | - | 100 | 1200

### RED EMERGENCY KIT BAG WITH BORDER



| | |
|---|---|
| **Pieces** | 1 |
| **Color** | Rojo/Red |
| **Dimensions (LxWxH)** | 550x90x130mm |

## 53621 — 2,50€

0.05 | - | 100 | 3200

### BLACK FLAT BAG FOR EMERGENCY KIT



| | |
|---|---|
| **Pieces** | 1 |
| **Color** | Negro/Black |
| **Dimensions (LxWxH)** | 550x150mm |

## 53623 — 2,50€

0.05 | - | 100 | 3200

### GREY FLAT BAG FOR EMERGENCY KIT



| | |
|---|---|
| **Pieces** | 1 |
| **Color** | Gris/Grey |
| **Dimensions (LxWxH)** | 550x150mm |

## EMERGENCY AND SAFETY KITS

Consult price by amounts.
Photolith and serigraphy not included.

**55089** 36,00€

0.48 - 65 1300

NEW

### EMERGENCY KIT - EVA CASE AND GEOLOCATABLE BEACON



54835 54904

**55087** 42,00€

0.34 - 25 500

NEW

### EMERGENCY KIT - EVA BAG + WARNING BEACON (V-16) + SAFETY VEST



54913 50966C 54904

**54534** 52,00€

0.37 - 25 500

### EMERGENCY KIT - PVC CASE, VEST, AND GEOLOCATABLE BEACON



54832 50966C 54904

**55088** 42,00€

0.48 - 160 -

NEW

### EMERGENCY KIT - PVC BAG + WARNING BEACON (V-16) + SAFETY VEST



54833 50966C 54904

## EMERGENCY KIT BAGS WITH BORDER

| REF. | | △ | | | | | € |
|---|---|---|---|---|---|---|---|
| 53088 | ● | x1 | 0.59 | - | 10 | 200 | 11,50€ |
| 53089 | ● | x1 | 0.61 | - | 10 | 200 | 11,50€ |
| 53090 | ● | x1 | 0.59 | - | 10 | 200 | 11,50€ |



## EMERGENCY KIT BAGS

| REF. | | △ | | | | | € |
|---|---|---|---|---|---|---|---|
| 53092 | ● | x1 | 0.52 | - | 10 | 200 | 10,20€ |
| 53093 | ● | x1 | 0.52 | - | 10 | 200 | 10,20€ |



## EMERGENCY KITS

| REF. | | △ | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 52773 | ● | x2 | MK H4 | 1.01 | - | 10 | 200 | 17,80€ |
| 52781 | ● | x2 | MK H4 | 1.14 | - | 10 | 200 | 17,80€ |
| 52774 | ● | x2 | MK H7 | 0.99 | - | 10 | 200 | 17,80€ |
| 52775 | ● | x2 | MK H7+H1 | 1.01 | - | 10 | 200 | 18,10€ |
| 52783 | ● | x2 | MK H7+H1 | 1.01 | - | 10 | 200 | 18,10€ |



## EMERGENCY KIT BAGS WITH BORDER

| REF. | | △ | | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 53178 | ● | x1 | 0.64 | - | 10 | 200 | 12,20€ |
| 53179 | ● | x1 | 0.65 | - | 10 | 200 | 12,20€ |
| 53180 | ● | x1 | 0.63 | - | 10 | 200 | 12,20€ |
| 53182 | ● | x2 | 0.99 | - | 10 | 200 | 15,80€ |
| 53183 | ● | x2 | 0.99 | - | 10 | 200 | 15,80€ |
| 53184 | ● | x2 | 0.98 | - | 10 | 200 | 15,80€ |



## REPLACEMENT BULBS AND FUSES SETS

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 51615 | 12V | H9 | 0.09 | 10 | 100 | 1500 | 6,50€ |
| 50915 | 12V | H7+H1 | 0.10 | 10 | 100 | 1800 | 4,60€ |
| 51614 | 12V | H4 | 0.10 | 10 | 100 | 1800 | 3,95€ |
| 50431 | 12V | H7 | 0.08 | 10 | 100 | 1800 | 3,80€ |



51615 50915 50431 51614

**50551** 350,00€

| 9.39 | - | 1 | 16 |
|---|---|---|---|

## CAR BULB CABINET

| | |
|---|---|
| **Halogen lamps** | |
| **x10** | H1 55 W P14.5s |
| **x4** | H2 55 W X511 |
| **x4** | H3 55 W PK22s |
| **x10** | H4 60/55 W P43t |
| **x10** | H7 55 W PX26d |
| **x4** | HB3 65 W P20d |
| **x4** | HB4 55 W P20d |
| **x4** | H9 65 W PGJ19-5 |
| **x4** | H11 65 W PGJ19-2 |
| **European lamp** | |
| **x20** | T5 1,2 W W2,1x4,6d |
| **x12** | T10 5 W W2.1x9,6d |
| **x12** | T10 3 W W2.1x9,6d |
| **x10** | T13 10 W W2.1x9,6d |
| **x10** | T15 18 W W2.1x9,6d |
| **x10** | T20 21 W W5x16d |
| **x10** | T20A 21 W W5x16d Amber |
| **x10** | T20 21/5 W W5x16d |

| | |
|---|---|
| **1 Pole stop** | |
| **x30** | P21W 21 W BA15s |
| **x10** | P21WA 21 W BA15s Amber |
| **x10** | PY21W 21 W BAU15s Ambo Desc. |
| **2 Pole stop** | |
| **x40** | R21/5 W 21/5 W BAY15d |
| | PLAFONIER |
| **x22** | C5W 5 W SV8.5 11x38 |
| **Pilot lamps** | |
| **x30** | R5W 5 W BA15s |
| **x30** | R10W 10 W BA15s |
| **Indicator lamps** | |
| **x22** | T4W 4 W BA9s |



## 50585 — 18,50€

2.86 | - | 8 | 192

### SET OF 4 UNIVERSAL REVERSIBLE RUBBER MATS



| | |
|---|---|
| **Pieces** | 4 |
| **Front dimensions** | 670x460mm |
| **Rear dimensions** | 460x330mm |
| **Material** | Goma/Rubber |
| **Compatible with** | Multimarca/Multi-brand |
| **Weight** | 2,86Kg |

## 53241 — 9,00€

1.65 | - | 12 | 312

### SET OF 4 UNIVERSAL RUBBER MATS



| | |
|---|---|
| **Pieces** | 4 |
| **Front dimensions** | 635x445mm |
| **Rear dimensions** | 330x430mm |
| **Material** | Goma/Rubber |
| **Compatible with** | Mulitmarca/Multi-brand |
| **Weight** | 1,65Kg |

## 52534 — 18,00€

1.55 | - | 8 | 160

### SET OF 4 UNIVERSAL CARPET MATS - PLASTIC HEEL PAD






| | |
|---|---|
| **Pieces** | 4 |
| **Front dimensions** | 425x660mm |
| **Rear dimensions** | 295x425mm |
| **Material** | Moqueta/Carpet, Goma/Rubber |
| **Compatible with** | Multimarca/ Multi-brand |
| **Weight** | 1,55Kg |

## 52535 — 16,50€

1.55 | - | 8 | 144

### SET OF 4 UNIVERSAL CARPET MATS - CARPET HEEL PAD






| | |
|---|---|
| **Pieces** | 4 |
| **Front dimensions** | 425x660mm |
| **Rear dimensions** | 295x425mm |
| **Material** | Moqueta/Carpet, Goma/Rubber |
| **Compatible with** | Multimarca/Multi-brand |
| **Weight** | 1,55Kg |

## 52530 — 14,00€

2.00 | - | 8 | 160

### SET OF 4 UNIVERSAL CARPET MATS





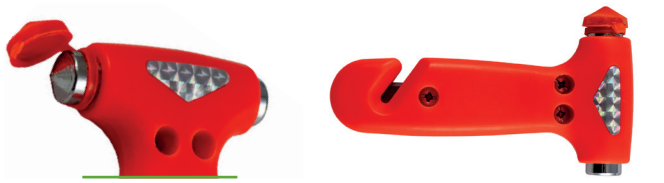

| | |
|---|---|
| **Pieces** | 4 |
| **Front dimensions** | 390mm |
| **Rear dimensions** | 365x480mm |
| **Material** | Moqueta/Carpet, Goma/Rubber |
| **Compatible with** | Mulitmarca/Multi-brand |
| **Weight** | 2,00Kg |



**52259** 3,75€

0.15 | 50 | 100 | 2800

## CAR WINDOW BREAKER WITH SUPPORT AND SEATBELT CUTTER



| | |
|---|---|
| **Width** | 750mm |
| **Height** | 130mm |
| **Weight** | 0,15Kg |

**51266** 30,00€

1.13 | - | 20 | 320

## COACH SAFETY 3 POINT ROLLABLE BELT



| | |
|---|---|
| **Material** | PL |
| **Standards** | E4-16R-0436232 |
| **Lenght** | 2900mm |
| **Weight** | 1,13Kg |

**50644** 13,00€

0.40 | - | 40 | 1600

## COACH SAFETY 2 POINT BELT



| | |
|---|---|
| **Material** | PL |
| **Standards** | E8-16R-08/00-12199-00 |
| **Lenght** | 1250mm |
| **Weight** | 0,40Kg |

**50717** 23,00€

0.75 | - | 10 | 400

## COACH SAFETY 2 POINT ROLLABLE BELT



| | |
|---|---|
| **Material** | PL |
| **Standards** | E4-16R-0436232 |
| **Lenght** | 1330mm |
| **Weight** | 0,75Kg |

**51412** 3,00€

0.09 | - | 100 | 3000

## ANONYMOUS LICENCE PLATE HOLDER



| | |
|---|---|
| **Material** | PVC |
| **Dimensions (LxH)** | 532x137mm |
| **Weight** | 0,09Kg |

**51697** 0,80€

0.03 | - | 300 | 6000

## ICE REMOVER SCRAPER



| | |
|---|---|
| **Dimensions (LxWxH)** | 180x85x30mm |
| **Weight** | 0,03Kg |

## 54042

13,00€

| 0.40 | - | 20 | 380 |
|---|---|---|---|

### FIRST AID KIT DIN13164:2022

| | |
|---|---|
| **x1** | Adhesive tape DIN13019-A 5x2.5 |
| **x4** | Adhesive bandages DIN 13019-E 10x6 |
| **x2** | Finger plaster-elastic 4cmx7cm |
| **x2** | Finger plaster-elastic 12cmx2cm |
| **x2** | Plaster strips water resistant 1.9x7.2cm |
| **x4** | Plaster strips water resistant 2.5x7.2cm |
| **x1** | Sterile bandage DIN 13151-K 6x8cm |
| **x2** | Sterile bandages DIN 13151-M 8x10cm |
| **x1** | Sterile bandage DIN 13151-G 10x12cm |
| **x1** | First aid dressings bandage DIN 13152-BR 60x40cm |
| **x1** | First aid dressings bandage DIN 13152-A 60x80cm |
| **x2** | Sterile bandages DIN 61634FB6 6cmx400cm |
| **x3** | Sterile bandages DIN 61634FB8 8cmx400cm |
| **x1** | First aid blanket 160x210cm |
| **x6** | Sterile wound compress 10x10cm |
| **x2** | Triangular bandages DIN 13168-D |
| **x1** | Scissor DIN 58279-A145 145cm |
| **x4** | Disposable gloves DIN EN 455-1 |
| **x2** | Wet wipe for cleaning skin |

## 54042N

13,00€

| 0.37 | - | 20 | 380 |
|---|---|---|---|




| | |
|---|---|
| **x1** | Content list |
| **x1** | First aid manual |
| **x2** | Face masks, minimum type I, according to DIN EN 14683 |

## 51246

8,00€

| 0.20 | 10 | 40 | 720 |
|---|---|---|---|

### FIRST AID KIT

| | |
|---|---|
| **x1** | First aid pamphlet |
| **x1** | Scissors |
| **x1** | Pair of gloves |
| **x2** | Alcohol towels |
| **x2** | Strips |
| **x1** | 25gr. of cotton |



| | |
|---|---|
| **x1** | Envelope with 5 gauzes |
| **x1** | Bandage |
| **x1** | Plaster roll |

## 54072

38,50€

| 1.55 | - | 10 | 120 |
|---|---|---|---|

### FIRST AID KIT DIN13157

| | |
|---|---|
| **x1** | Adhesive plaster tape 5x25 - DIN13019-A |
| **x1** | Set of adhesive tape bandages 10x6cm (8 pieces) - DIN13019-E |
| **x6** | Finger plaster 4cmx6.5cm |
| **x6** | Finger plaster 120X20mm |
| **x6** | Finger plaster 7.2cmx1.9cm |
| **x12** | Finger plaster 25x72 mm |
| **x1** | First aid dressings bandages, Sterile Compress 6x8cm - DIN13151-K |
| **x3** | First aid dressings bandages, Sterile Compress 8x10cm - DIN13151-M |
| **x1** | First aid dressings bandages, Sterile Compress 10x12cm - DIN13151-G |
| **x1** | Sterile Compress (burn dressings) 60x80cm - DIN13152-A |
| **x3** | Sterile wound dressings (compress) 100mm x100mm 2pcs/bag - DIN58953-2 |
| **x2** | Eye pad - 55mmx75mm 1.5g |
| **x1** | Instant Cold compress min.200cm2 |
| **x1** | First aid blanket 160cmx210cm 12 microns |
| **x2** | Elastic bandages in compliance with the standard 6cmx400cm - DIN61634 FB6 |
| **x2** | Elastic bandages in compliance with the standard 8cmx400cm - DIN61634 FB8 |
| **x2** | Triangular bandages 96x96x136cm DIN13168-D |
| **x1** | Metal Scissor 190mm - DIN58279-B190 |
| **x2** | Plastic garbage bag 300x400mm 45 microns |
| **x5** | Non-woven Fleece 20cmX30cm min.15g/m2 |
| **x1** | Disposable gloves PVC L-AQL1.5 (set of 4 pcs) - DIN EN 455-1 |




| | |
|---|---|
| **x1** | Information broschure |
| **x2** | Face masks, minimum type I, according to DIN EN 14683 |
| **x4** | Cleansing wipes for uninjured skin |

## 52644

8,80€

0.19 | - | 20 | 400

### UNIVERSAL STEERING RACK BOOT SET

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 11922 | A | 1PCS | 0.10 | - | 80 | 1260 | 5,70€ |
| 13880 | B | 1PCS | 0.01 | - | 600 | 21000 | 0,47€ |
| 52633 | C | 1PCS | 0.02 | 100 | 800 | 6400 | 1,00€ |




## 53693

521,00€

19.80 | - | 1 | 16

### SET OF 100 UNIVERSAL STRETCH BOOTS

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52633 | A | 100PCS | 0.02 | 100 | 800 | 6400 | 1,00€ |
| 13738 | B | 100PCS | 0.08 | - | 150 | 1800 | 3,50€ |
| 13879 | C | 100PCS | 0.09 | - | 150 | 5250 | 2,40€ |




## 53698

717,00€

19.80 | - | 1 | 24

### SET OF 100 UNIVERSAL STRETCH BOOTS FOR VAN

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52633 | A | 100PCS | 0.02 | 100 | 800 | 6400 | 1,00€ |
| 13739 | B | 100PCS | 0.13 | - | 100 | 1600 | 5,50€ |
| 13880 | C | 100PCS | 0.01 | - | 600 | 21000 | 0,47€ |




## 53695

504,00€

11.25 | - | 1 | 24

### SET OF 80 UNIVERSAL STEERING RACK BOOTS

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52633 | A | 80PCS | 0.02 | 100 | 800 | 6400 | 1,00€ |
| 11922 | B | 1PCS | 0.10 | - | 80 | 1260 | 5,70€ |
| 13880 | C | 80PCS | 0.01 | - | 600 | 21000 | 0,47€ |




## SERIE124

710,00€

22.15 | - | - | 20

### SPECIAL REPLACEMENT CV JOINT BOOT KIT

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 51861 | A | 1PCS | 4.00 | - | 2 | 32 | 199,00€ |
| 52633 | B | 100PCS | 0.02 | 100 | 800 | 6400 | 1,00€ |
| 13738 | C | 100PCS | 0.08 | - | 150 | 1800 | 3,50€ |
| 13879 | D | 100PCS | 0.09 | - | 150 | 5250 | 2,40€ |




## CV JOINT BOOT SETS

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 51703 | FOR VAN | 0.28 | - | 20 | 400 | 10,50€ |
| 51705 | FOR CAR | 0.23 | - | 20 | 400 | 8,45€ |



## 51861 — 199,00€

4.00 | - | 2 | 32

### PNEUMATIC CV JOINT EXPANDER



| | |
|---|---|
| **Air intake** | 1/4" |
| **Operating pressure** | 9BAR |
| **Material** | Aluminio/Aluminum |
| **Opening** | 20-100mm |
| **Weight** | 4,00Kg |
| **Dimensions (LxWxH)** | 200x200x450mm |

## 52829 — 19,00€

0.45 | - | 10 | 140

### CV BOOT TOOL



| | |
|---|---|
| **External diameter** | 100mm |
| **Internal diameter** | 95mm |
| **Weight** | 0,45Kg |
| **Lenght** | 410mm |

## CV BOOT EAR CLAMPS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 11890 | 50-125mm | 0.01 | 100 | 1000 | 8000 | 0,55€ |
| 11891 | 15-45mm | 0.004 | 100 | 2000 | 48000 | 0,50€ |
| 52633 | 15-45mm / 50-125mm | 0.02 | 100 | 800 | 6400 | 1,00€ |



11891 11890 52633

## WIPER BLADES

| REF. | " | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 53745 | 11" | 280mm | 0.20 | 10 | 50 | 800 | 6,80€ |
| 53746 | 12" | 310mm | 0.20 | 10 | 50 | 800 | 6,90€ |
| 53747 | 13" | 330mm | 0.20 | 10 | 50 | 900 | 6,90€ |
| 53748 | 14" | 350mm | 0.20 | 10 | 50 | 800 | 7,00€ |
| 53749 | 15" | 380mm | 0.20 | 10 | 50 | 900 | 7,00€ |
| 53750 | 16" | 410mm | 0.20 | 10 | 50 | 900 | 7,10€ |
| 53751 | 17" | 430mm | 0.20 | 10 | 50 | 900 | 7,20€ |
| 53752 | 18" | 460mm | 0.25 | 10 | 50 | 800 | 7,60€ |
| 53753 | 19" | 480mm | 0.25 | 10 | 50 | 800 | 7,90€ |
| 53754 | 20" | 510mm | 0.25 | 10 | 50 | 900 | 8,00€ |
| 53755 | 21" | 530mm | 0.25 | 10 | 50 | 700 | 8,00€ |
| 53756 | 22" | 560mm | 0.25 | 10 | 50 | 600 | 8,20€ |
| 53757 | 24" | 610mm | 0.25 | 10 | 50 | 600 | 8,70€ |
| 53758 | 26" | 650mm | 0.30 | 10 | 50 | 350 | 9,00€ |
| 53759 | 28" | 700mm | 0.30 | 10 | 50 | 550 | 9,20€ |
| 53760 | 30" | 750mm | 0.30 | 10 | 50 | 500 | 10,30€ |

**11 DIFFERENT ADAPTERS:**
**FOR MULTIPLE APPLICATIONS**




## JBMWBEXP — 26,00€

1.07 | - | 10 | 100

### OBN WIPER BLADE DISPLAY



## 53919 — 81,00€

| 7.85 | - | 1 | 28 |
|---|---|---|---|

### BIKE REPAIR STAND







| | |
|---|---|
| **Material** | S, ABS, NY |
| **Capacity** | 30Kg |
| **Maximum height** | 1880mm |
| **Minimum height** | 1070mm |
| **Weight** | 7,85Kg |

## 54166 — 33,00€

| 0.90 | - | 5 | 100 |
|---|---|---|---|

### BIKE FLOOR PUMP







| | |
|---|---|
| **Material** | Al |
| **Operating pressure** | 160PSI |
| **Compatible with** | Válvulas/Valves Schrader, Presta, Dunlop |
| **Measures** | 32x530mm |
| **Weight** | 0,90Kg |

## 54170 — 17,70€

| 0.12 | 5 | 50 | 2560 |
|---|---|---|---|

### PORTABLE BIKE PUMP



| | |
|---|---|
| **Material** | Al |
| **Operating pressure** | 100PSI |
| **Compatible with** | Válvulas/Valves Presta, Schrader |
| **Measures** | 21x195mm |
| **Weight** | 0,12Kg |

## 54074 — 19,70€

| 0.17 | 12 | 48 | 1008 |
|---|---|---|---|

### MULTIFUNCTIONAL BIKE REPAIR TOOL



| | | | |
|---|---|---|---|
| x1 | Cross-tip | x1 | De ating pin |
| x7 | Hexagon sockets | x1 | Spoke spanner |
| x1 | Slot screwdriver | x1 | T25 torx key |
| x1 | Chain tool | x1 | Chain hook |
| x2 | Tyre levers | | |

## 54073 — 70,00€

| 2.00 | - | 5 | 240 |
|---|---|---|---|

### SET OF 20 BIKE TOOLS



| | |
|---|---|
| **Pieces** | 20 |
| **Dimensions (LxWxH)** | 220x220x70mm |
| **Weight** | 2,00Kg |

## 54169 — 15,20€

| 0.30 | 5 | 60 | 360 |
|---|---|---|---|

### COMBINATION BIKE LOCK



| | |
|---|---|
| **Material** | S, ABS, PVC |
| **Measures** | 10x1000mm |
| **Weight** | 0,30Kg |

## 53561 — 28,00€

1.65 | - | 4 | 72

### WHEEL CHOCK

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | S, PP |
| **Capacity** | 30T |
| **Weight** | 1,66Kg |
| **Dimensions (LxWxH)** | 470x200x300mm |

## 53508 — 14,00€

0.35 | 4 | 24 | 288

### WHEEL CHOCKS



| | |
|---|---|
| **Pieces** | 2 |
| **Material** | S, PP |
| **Capacity** | 1T |
| **Weight** | 0,35Kg |
| **Dimensions (LxWxH)** | 220x90x90mm |

## 51858 — 15,00€

0.96 | - | 20 | 280

### COLLAPSIBLE SHOVEL



| | |
|---|---|
| **Material** | ME |
| **Maximum height** | 600mm |
| **Minimum height** | 240mm |
| **Weight** | 0,96Kg |

## 53033 — 22,00€

0.63 | - | 5 | 60

### ALUMINIUM TELESCOPIC SHOVEL



| | |
|---|---|
| **Material** | Al |
| **Maximum height** | 119mm |
| **Minimum height** | 85mm |
| **Weight** | 0,63Kg |

## 53964 — 11,00€

0.70 | 5 | 20 | 240

### 1/4" 30M MULTI-PURPOSE ROPE



| | |
|---|---|
| **Material** | PP |
| **Mesure** | 30m |
| **Diameter** | 1/4" |
| **Maximum load** | 550Kg |
| **Weight** | 0,70Kg |

## 53965 — 29,00€

1.85 | 5 | 10 | 120

### 1/2" 30M MULTI-PURPOSE ROPE



| | |
|---|---|
| **Material** | PP |
| **Mesure** | 30m |
| **Diameter** | 1/2" |
| **Maximum load** | 1200Kg |
| **Weight** | 1,85Kg |

# DISPLAY + VEHICLE CARE MATERIAL SET

## 50400 — 198,00€

| 12.44 | - | 1 | 35 |
|---|---|---|---|




| | |
|---|---|
| 53705 | DISPLAY |
| 51978 | SEAT COVER ROLL |
| 52057 | STEERING WHEEL COVER FILM ROLL |
| 52058 | HANDLE FOR STEERING WHEEL |
| 50409 | ANONYMOUS PAPER FOOTREST COVER |

## 50403 — 119,00€

| 8.90 | - | 1 | 70 |
|---|---|---|---|




| | |
|---|---|
| 52065 | DISPLAY |
| 51978 | SEAT COVER ROLL |
| 52057 | STEERING WHEEL COVER FILM ROLL |
| 52058 | HANDLE FOR STEERING WHEEL |

## 50410 — 189,00€

| 12.44 | - | 1 | 35 |
|---|---|---|---|




| | |
|---|---|
| 53705 | DISPLAY |
| 52244 | SEAT COVER ROLL |
| 52057 | STEERING WHEEL COVER FILM ROLL |
| 52058 | HANDLE FOR STEERING WHEEL |
| 50409 | ANONYMOUS PAPER FOOTREST COVER |

## 53705 — 98,00€

| 4.90 | - | 1 | 28 |
|---|---|---|---|

### SEAT COVER SPOOL + STERRING WHEEL ROLL + FOOT COVER DISPLAY




| | |
|---|---|
| **Color** | Verde/Green, Negro/Black |
| **Weight** | 4,90Kg |
| **Dimensions (LxWxH)** | 730x200x500mm |

## 52065 — 45,00€

| 2.19 | - | 1 | 63 |
|---|---|---|---|

### SEAT COVER DISPLAY



| | |
|---|---|
| **Color** | Verde/Green, Negro/Black |
| **Lenght** | 735mm |
| **Weight** | 2,19Kg |
| **Dimensions (LxWxH)** | 790x155x115mm |

## 50916 — 0,99€

| 0.05 | 100 | 400 | 3200 |
|---|---|---|---|

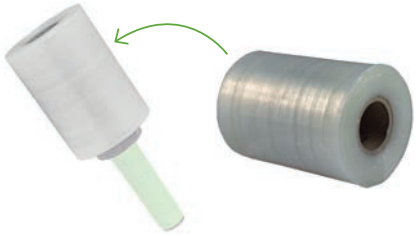
### INDIVIDUAL BAG MAINTENANCE KIT



## 52057 — 8,00€

0.62 | - | 24 | 504

### STEERING WHEEL COVER FILM ROLL

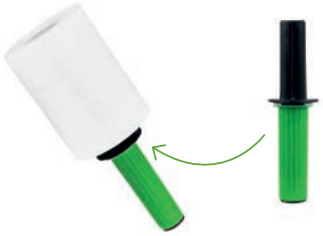


| | |
|---|---|
| **Diameter** | 90mm |
| **Lenght** | 180m |
| **Compatible with** | 52058 |
| **Thickness** | 23MIL |
| **Weight** | 0,62Kg |
| **Dimensions (LxWxH)** | 128x90x90mm |

## 52058 — 4,80€

0.06 | 10 | 125 | 2500

### HANDLE FOR STEERING WHEEL COVER FILM ROLL FOR REF.52057



| | |
|---|---|
| **Diameter** | 30mm |
| **Lenght** | 195mm |
| **Compatible with** | 52057 |
| **Weight** | 0,06Kg |
| **Dimensions (LxWxH)** | 195x55x35mm |

## 51978 — 89,00€

9.10 | - | 1 | 49

### PACK OF 250 25MC SEAT COVERS




| | |
|---|---|
| **Pieces** | 250 |
| **Material** | 25mc |
| **Weight** | 9,70Kg |

## 52244 — 89,00€

9.10 | - | 1 | 49

### PACK OF 250 25MC SEAT COVERS WITH ANONYMOUS PATTERN DESIGN




| | |
|---|---|
| **Pieces** | 250 |
| **Material** | 25mc |
| **Weight** | 9,55Kg |

## 50409 — 26,00€

3.54 | - | 1 | 160

### ANONYMOUS PAPER FOOTREST COVER



| | |
|---|---|
| **Pieces** | 250 |
| **Material** | Papel/Paper |
| **Weight** | 3,54Kg |
| **Dimensions (LxWxH)** | 457x430x25mm |

## 51824 — 45,00€

1.45 | 250 | 2000 | 64

### PACK OF 250 STEERING WHEEL COVERS



| | |
|---|---|
| **Pieces** | 250 |
| **Material** | Plástico/Plastic |
| **Thickness** | 18µm |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 320x320x165mm |

## 53226

15,00€

0.20 | 5 | 50 | 500

### CAR SEAT COVER

| | |
|---|---|
| **Brands** | Universal |
| **Material** | Nylon |
| **Weight** | 0,20Kg |
| **Dimensions (LxWxH)** | 345x270x5mm |




## 51863

64,00€

0.70 | 5 | 20 | 200

### ACOUSTIC PARKING SENSOR WITH DISPLAY

| | |
|---|---|
| **Rated voltage** | 12V |
| **Power** | 3,6W |
| **Operating temperature** | -20°C/+70°C |
| **Detection distance** | 0,3-2,0m |
| **Detection angle** | H-60°, V-60° |
| **Number of sensors** | 4 |
| **Indicators** | 1 |
| **Weight** | 0,70Kg |



## 51973

53,00€

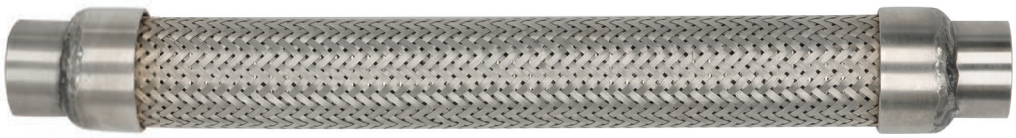
0.54 | 5 | 10 | 240

### ACOUSTIC PARKING SENSOR

| | |
|---|---|
| **Rated voltage** | 12V |
| **Power** | 3,6W |
| **Operating temperature** | -20°C/+70°C |
| **Detection distance** | 0,3-2,0m |
| **Detection angle** | H-60°, V-60° |
| **Number of sensors** | 4 |
| **Indicators** | 0 |
| **Weight** | 0,54Kg |



## FLEX COUPLERS INNERBRAID LINERS



| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 51706 | Ø 25mmL x 300mmL | 0.35 | - | 25 | 1500 | 22,80€ |
| 51707 | Ø 45mmL x 100mmL | 0.27 | - | 25 | 1200 | 9,05€ |
| 51708 | Ø 45mmL x 150mmL | 0.38 | - | 25 | 900 | 14,20€ |
| 51709 | Ø 45mmL x 200mmL | 0.50 | - | 25 | 750 | 14,70€ |
| 51710 | Ø 45mmL x 250mmL | 0.65 | - | 25 | 600 | 17,80€ |
| 51711 | Ø 45mmL x 300mmL | 0.71 | - | 25 | 450 | 21,20€ |
| 51712 | Ø 50mmL x 100mmL | 0.30 | - | 25 | - | 8,65€ |
| 51713 | Ø 50mmL x 150mmL | 0.45 | - | 25 | - | 13,10€ |
| 51714 | Ø 50mmL x 200mmL | 0.56 | - | 25 | 750 | 15,80€ |
| 51715 | Ø 50mmL x 250mmL | 0.70 | - | 25 | 600 | 20,30€ |
| 51716 | Ø 50mmL x 300mmL | 0.83 | - | 25 | 450 | 23,60€ |

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 51717 | Ø 55mmL x 100mmL | 0.35 | - | 25 | - | 11,20€ |
| 51718 | Ø 55mmL x 150mmL | 0.50 | - | 25 | - | 14,80€ |
| 51719 | Ø 55mmL x 200mmL | 0.65 | - | 25 | 400 | 22,00€ |
| 51720 | Ø 55mmL x 250mmL | 0.85 | - | 25 | 350 | 23,50€ |
| 51721 | Ø 55mmL x 300mmL | 1.00 | - | 25 | 375 | 25,00€ |
| 51722 | Ø 60mmL x 100mmL | 0.36 | - | 25 | 750 | 13,10€ |
| 51723 | Ø 60mmL x 150mmL | 0.50 | - | 25 | 450 | 18,70€ |
| 51724 | Ø 60mmL x 200mmL | 0.66 | - | 25 | 400 | 24,40€ |
| 51725 | Ø 60mmL x 250mmL | 0.83 | - | 25 | 350 | 28,30€ |
| 51726 | Ø 60mmL x 300mmL | 0.96 | - | 25 | 250 | 31,40€ |
| 51727 | Ø 60mmL x 400mmL | 1.62 | - | 25 | 200 | 49,00€ |

AVAILABLE IN INDIVIDUAL BOXES

# TYRE ACCESSORIES


**416** WHEEL WEIGHTS

**418** PUNCTURE REPAIR

**419** TYRE VALVES

**419** REMOVAL AND INSTALLATION




## 51908 — 44,00€

| 5.80 | - | 4 | 240 |
|---|---|---|---|

### WHEEL WEIGHT DISPENSER 5GR



| | |
|---|---|
| **Pieces** | 1000 |
| **Material** | Hierro/Iron |
| **Grams** | 5 |
| **Weight** | 5,80Kg |
| **Dimensions (LxWxH)** | 35x295x295mm |

## 53256 — 34,00€

| 5.30 | - | 4 | 240 |
|---|---|---|---|

### WHEEL WEIGHT DISPENSER 5G X 1.000



| | |
|---|---|
| **Pieces** | 1000 |
| **Material** | Hierro/Iron |
| **Grams** | 5 |
| **Weight** | 5,30Kg |
| **Dimensions (LxWxH)** | 40x295x295mm |



## NEW SELF-ADHESIVE IRON WHEEL WEIGHTS

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54844 | x100 | 60GR. (12X5G) | 6.00 | - | 4 | 240 | 39,00€ |
| 54655 | x100 | 60GR (4X10G 4X5G) | 6.00 | - | 4 | 200 | 39,00€ |
| 54885 | x100 | 45GR. (3X5G + 3X10G) | 4.50 | - | 4 | 240 | 23,00€ |



54844



54885



54655

## NEW SELF-ADHESIVE IRON WHEEL WEIGHTS - BLACK

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54787 | x100 | 60GR (12X5G) | 5.95 | 100 | 4 | 200 | 37,00€ |
| 54788 | x100 | 60G (4X10G + 4X5G) | 6.05 | 100 | 4 | 200 | 37,00€ |



54787



54788

## NEW SELF-ADHESIVE ZINC WHEEL WEIGHTS

| REF. | DESCRIPTION | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54884 | x100 | 60GR (12X5G) | 4.80 | - | 4 | 360 | 98,00€ |




54884

## 53864

138,00€

10.50 | - | 1 | 71

# ASSORTED WHEEL WEIGHT CASE SELECTION BOX

**WHEEL WEIGHT ZINC WITH CLAMP**

| UNIVERSAL TIRE WEIGHTS | | |
|---|---|---|
| 54656 | 20 PCS | 5g |
| 54657 | 20 PCS | 10g |
| 54658 | 20 PCS | 15g |
| 54659 | 20 PCS | 20g |
| 54660 | 20 PCS | 25g |
| 54661 | 10 PCS | 30g |
| 54662 | 10 PCS | 35g |
| 54663 | 10 PCS | 40g |

| ALLOY WHEEL WEIGHTS | | |
|---|---|---|
| 54666 | 20 PCS | 5g |
| 54667 | 20 PCS | 10g |
| 54668 | 20 PCS | 15g |
| 54669 | 20 PCS | 20g |
| 54670 | 20 PCS | 25g |
| 54671 | 10 PCS | 30g |
| 54673 | 10 PCS | 35g |
| 54674 | 10 PCS | 40g |

**SELF-ADHESIVE WHEEL WEIGHTS**

| | | |
|---|---|---|
| 52666 | 70 PCS | 60g: 4x10g / 4x5g |



# ZINC CLIP-ON WHEEL WEIGHTS UNIVERSAL

### UNIVERSAL TIRE WEIGHTS

| REF. | g | | | | | | €/ |
|---|---|---|---|---|---|---|---|
| 54656 | 5g | 100 | 0.50 | - | 16 | 1024 | 10,50€ |
| 54657 | 10g | 100 | 1.00 | - | 16 | 1024 | 21,00€ |
| 54658 | 15g | 100 | 1.50 | - | 8 | 768 | 31,50€ |
| 54659 | 20g | 100 | 2.00 | - | 8 | 640 | 42,00€ |
| 54660 | 25g | 100 | 2.50 | - | 8 | 480 | 52,50€ |
| 54661 | 30g | 100 | 3.00 | - | 6 | 504 | 63,00€ |
| 54662 | 35g | 100 | 3.55 | - | 4 | 320 | 73,50€ |
| 54663 | 40g | 100 | 4.00 | - | 4 | 256 | 84,00€ |
| 54664 | 45g | 100 | 4.50 | - | 4 | 320 | 94,50€ |
| 54665 | 50g | 100 | 5.05 | - | 4 | 256 | 97,00€ |

PRESENTATION IN BAGS OF 100 UNITS.

### ALLOY WHEEL WEIGHTS

| REF. | g | | | | | | €/ |
|---|---|---|---|---|---|---|---|
| 54666 | 5g | 100 | 0.50 | - | 16 | 800 | 10,50€ |
| 54667 | 10g | 100 | 1.00 | - | 8 | 768 | 21,00€ |
| 54668 | 15g | 100 | 1.50 | - | 12 | 600 | 31,50€ |
| 54669 | 20g | 100 | 2.00 | - | 8 | 550 | 42,00€ |
| 54670 | 25g | 100 | 2.50 | - | 6 | 480 | 52,50€ |
| 54671 | 30g | 100 | 2.96 | - | 6 | 300 | 63,00€ |
| 54673 | 35g | 100 | 3.50 | - | 4 | 320 | 73,50€ |
| 54674 | 40g | 100 | 4.00 | 1 | 4 | 320 | 84,00€ |
| 54675 | 45g | 100 | 4.50 | - | 4 | 320 | 94,50€ |
| 54676 | 50g | 100 | 5.05 | - | 4 | 256 | 97,00€ |

PRESENTATION IN BAGS OF 100 UNITS.



## 51355

19,00€

0.45 | 5 | 50 | -

# WHEEL WEIGHT PLIER

| | |
|---|---|
| **Pieces** | 1 |
| **Material** | CSTL |
| **Lenght** | 240mm |
| **Opening** | 32mm |
| **Weight** | 0,45Kg |
| **Dimensions (LxWxH)** | 320x120x30mm |





## 54013 — 35,00€

1.15 | 5 | 10 | 250

### PUNCTURE SEALANT SET WITH LIQUID AND AIR COMPRESSOR




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Pieces** | 4 |
| **Includes** | 15317, 15300, 11960, 53150 |
| **Weight** | 1,15Kg |
| **Dimensions (LxWxH)** | 210x210x70mm |

## 54760 — 38,00€

1.40 | - | 6 | 210

### PUNCTURE SEALANT SET WITH LIQUID AND AIR COMPRESSOR

SPARE PARTS AVAILABLE

VIDEO TUTORIAL




| | |
|---|---|
| **Pieces** | 2 |
| **Includes** | 17684, 17676 |
| **Weight** | 1,60Kg |
| **Dimensions (LxWxH)** | 240x165x95mm |

## 52652 — 2,80€

0.03 | 25 | 100 | 7200

### 4 WAY VALVE TOOL



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | Acero, Steel |
| **Weight** | 0,03Kg |
| **Dimensions (LxWxH)** | 115x65x10mm |

## 52653 — 3,00€

0.03 | 10 | 250 | 6000

### DOUBLE HEAD VALVE CORE REMOVER



| | |
|---|---|
| **Weight** | 0,03Kg |
| **Dimensions (LxWxH)** | 172x50x15mm |

## 51814 — 8,00€

0.30 | - | 12 | 1260

### TYRE REPAIR SPRAY 300ML




| | |
|---|---|
| **Color** | Blanco/White |
| **Capacity** | 300mL |
| **Contains** | CAS 74-98-6, CAS 107-21-1, CAS 308062-28-4 |
| **Levels** | pH10 |
| **Weight** | 0,30Kg |
| **Dimensions (LxWxH)** | 225x65x50mm |

## 52662 — 39,00€

0.63 | - | 10 | 600

### TIRE REPAIR SET

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 19 |
| **Includes** | 12973, 13805, 13806 |
| **Weight** | 0,63Kg |
| **Dimensions (LxWxH)** | 200x145x45mm |

## 52663 — 30,00€

1.20 | - | 10 | 320

### TIRE REPAIR SET

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Pieces** | 25 |
| **Includes** | 12973, 13805, 13806 |
| **Weight** | 1,20Kg |
| **Dimensions (LxWxH)** | 280x180x60mm |

## 52673 — 18,00€

0.23 | - | 25 | 875

### SET OF 217 VALVE CAPS AND VALVE CORES



SPARE PARTS AVAILABLE

| | |
|---|---|
| **Pieces** | 217 |
| **Material** | Al, PT |
| **Includes** | 11903, 11904, 11905, 11906, 11907, 11960 |
| **Weight** | 0,23Kg |
| **Dimensions (LxWxH)** | 226x115x50mm |

## 53150 — 24,00€

0.55 | 10 | 40 | 640

### PORTABLE AIR COMPRESSOR



| | |
|---|---|
| **Working voltage** | DC12V |
| **Maximum current** | 10A |
| **Power** | 100W |
| **Maximum air pressure** | 10BAR |
| **Air flow** | 16L/min |
| **Cable lenght** | 2,8m |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 55x165x120mm |

## 52643 — 599,00€

7.96 | - | 1 | 48

### TYRE GROOVING MACHINE

| | |
|---|---|
| **Voltage** | 220V |
| **Power** | 350W |
| **Frequency** | 50-60Hz |
| **Weight** | 7,96Kg |
| **Dimensions (LxWxH)** | 200x130x190mm |

SPARE PARTS AVAILABLE



## TYRE VALVES

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 51741 | TR413 45mm | 0.01 | 100 | 1000 | 48000 | 0,50€ |
| 51742 | TR414 51mm | 0.01 | 100 | 1000 | 60000 | 0,50€ |
| 51743 | TR418 64mm | 0.02 | 100 | 1000 | 48000 | 0,58€ |



51741 | 51742 | 51743

## PLASTIC DUCK HEAD KIT TO REMOVE TIRES

| REF. | | | | | € |
|---|---|---|---|---|---|
| 52657 | 0.18 | 5 | 20 | 800 | 40,50€ |
| 52658 | 0.17 | - | 20 | 800 | 43,00€ |
| 52659 | 0.26 | - | 20 | 1920 | 40,50€ |
| 54329 | 0.20 | 10 | 100 | 600 | 45,00€ |



52657 | 52658 | 52659 | 54329

## 54825

30,50€

0.55 | 5 | 20 | 320

NEW

### SET FOR CLEANING AND REFURBISHING VALVE SEATS FOR WHEELS



| | |
|---|---|
| **Pieces** | 6 |
| **Fast connection** | 3/8" |
| **Weight** | 0,55Kg |
| **Dimensions (LxWxH)** | 205x130x57mm |

## 52649

5,00€

0.32 | 10 | 50 | 2250

### METAL TYRE VALVE INSERTION



| | |
|---|---|
| **Material** | Metal |
| **Weight** | 0,32Kg |
| **Dimensions (LxWxH)** | 405x150x10mm |

## 52650

5,00€

0.15 | 10 | 100 | 2400

### PLASTIC TYRE VALVE INSERTION



| | |
|---|---|
| **Material** | Plástico/Plastic |
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 370x95x30mm |

## 52655

40,50€

0.39 | - | 25 | 1500

### TYRE BEAD BREAK PLASTIC CLAMP



| | |
|---|---|
| **Material** | Plástico/Plastic |
| **Weight** | 0,39Kg |
| **Dimensions (LxWxH)** | 170x80x60mm |

## 52656

39,50€

0.40 | 5 | 20 | 1920

### TYRE BEAD BREAK PLASTIC CLAMP



| | |
|---|---|
| **Material** | Plástico/Plastic |
| **Weight** | 0,40Kg |
| **Dimensions (LxWxH)** | 180x170x60mm |

## 51416

15,00€

1.05 | 10 | 20 | 320

### TELESCOPIC WHEEL WRENCH WITH REVERSIBLE SOCKETS 330-490MM



330-490mm

17-19, 21-23mm

## 54911

34,00€

1.40 | - | 10 | 490

NEW

### 120 NM TORQUE WHEEL WRENCH WITH REVERSIBLE SOCKETS

VIDEO TUTORIAL



420mm

17-19, 21-23mm

## 4-WAY WHEEL NUT WRENCH

| REF. | " | | mm | | | | | € |
|---|---|---|---|---|---|---|---|---|
| 51661 | 1/2" | 355mm | 17, 19, 21mm | 1.17 | 5 | 20 | 440 | 15,00€ |
| 52881 | 1/2" | 400mm | 17, 19, 21, 22mm | 1.40 | - | 10 | 300 | 19,00€ |
| 52880 | 3/4" | 700mm | 24, 27, 32mm | 3.75 | - | 5 | 90 | 45,00€ |


51661


52881


52880

**51362** 3,00€

0.15 - 60 500

### TYRE LEVER 12" (30,48CM)



| | |
|---|---|
| **Lenght** | 12"-305mm |
| **Material** | Acero de carbono/Carbon steel |
| **Weight** | 0,15Kg |
| **Dimensions (LxWxH)** | 305x26x10mm |

**51358** 7,50€

0.47 - 24 5184

### TYRE LEVER 16" (40,64CM)



| | |
|---|---|
| **Lenght** | 16"-406mm |
| **Material** | Acero de carbono/Carbon steel |
| **Weight** | 0,47Kg |
| **Dimensions (LxWxH)** | 406x26x10mm |

**51359** 9,00€

0.90 - 30 1440

### TYRE LEVER 24" (60,96CM)



| | |
|---|---|
| **Lenght** | 24"-609,6mm |
| **Material** | Acero de carbono/Carbon steel |
| **Weight** | 0,90Kg |
| **Dimensions (LxWxH)** | 609,6x26x10mm |

## CENTERING RINGS

| REF. | mm | | | | | € |
|---|---|---|---|---|---|---|
| 52645 | 25x22x2,5mm | 0.01 | 50 | 1000 | 38000 | 0,50€ |
| 52646 | 25x12x2,0mm | 0.00 | 50 | 1000 | 80000 | 0,50€ |
| 53037 | 23x12x2,5mm | 0.01 | 50 | 1000 | 35000 | 0,50€ |
| 53038 | 21x12x2,5mm | 0.01 | 50 | 1000 | 35000 | 0,50€ |
| 53039 | 25x19x2,5mm | 0.02 | 50 | 1000 | 35000 | 0,50€ |


52645


52646


53037


53038


53039

**52552** 138,00€

12.00 - 1 15

## AIR TYRE BEAD SEATER BLASTER TOOL

| | |
|---|---|
| **Capacity** | 18L |
| **Operating pressure** | 6-8BAR |
| **Maximum pressure** | 10BAR |
| **Standards** | 2014/68/EU, 2014/29/EU |
| **Material** | S |
| **Operating temperature** | -20/40°C |
| **Weight** | 12,00Kg |
| **Dimensions (LxWxH)** | 430x360x300m |

SPARE PARTS AVAILABLE





## NEW TYRE CHANGER WITH AUTOMATIC TILTING TOWER




VIDEO TUTORIAL

### 54965 — 3.549,00€

233.00 - 1 1

| | |
|---|---|
| Power supply | 220V |
| Power | 0,75Kw |
| Operating pressure | 8-10BAR |
| Maximum torque | 1078Nm |
| Maximum wheel diameter | 10-24" |
| Noise level | 75dB |
| Weight | 233,00Kg |
| Dimensions (LxWxH) | 880x435x1880mm |

SPARE PARTS AVAILABLE

### 55021 — 3.549,00€

233.00 - 1 1

| | |
|---|---|
| Power supply | 380V |
| Power | 1,10Kw |
| Operating pressure | 8-10BAR |
| Maximum torque | 1078Nm |
| Maximum wheel diameter | 10-24" |
| Noise level | 75dB |
| Weight | 233,00Kg |
| Dimensions (LxWxH) | 880x435x1880mm |

SPARE PARTS AVAILABLE

## NEW TYRE CHANGER WITH AUTOMATIC TILTING TOWER AND ASSIST ARM




VIDEO TUTORIAL

### 54964 — 4.399,00€

298.00 - 1 1

| | |
|---|---|
| Power supply | 220V |
| Power | 0,75Kw |
| Operating pressure | 8-10BAR |
| Maximum torque | 1078Nm |
| Maximum wheel diameter | 10-22" |
| Noise level | 75dB |
| Weight | 298,00Kg |
| Dimensions (LxWxH) | 880x435x1880mm |

SPARE PARTS AVAILABLE

### 55022 — 4.399,00€

298.00 - 1 1

| | |
|---|---|
| Power supply | 380V |
| Power | 1,10Kw |
| Operating pressure | 8-10BAR |
| Maximum torque | 1078Nm |
| Maximum wheel diameter | 10-24" |
| Noise level | 75dB |
| Weight | 298,00Kg |
| Dimensions (LxWxH) | 880x435x1880mm |

SPARE PARTS AVAILABLE

## 54581

2.389,00€

185.00 | - | 1 | 1

### SEMIAUTOMATIC TIRE CHANGER




VIDEO TUTORIAL

SPARE PARTS AVAILABLE

| | |
|---|---|
| **Power supply** | 220V |
| **Power** | 0,75Kw |
| **Operating pressure** | 8-10BAR |
| **Maximum torque** | 1078Nm |
| **Maximum wheel diameter** | 10-22" |
| **Noise level** | 75dB |
| **Weight** | 184,00Kg |
| **Dimensions (LxWxH)** | 865x335x1880mm |

## 54582

1.889,00€

93.00 | - | 1 | 1

### DIGITAL WHEEL BALANCER




VIDEO TUTORIAL

SPARE PARTS AVAILABLE

| | |
|---|---|
| **Power** | 200W |
| **Maximum input voltage** | 220V/50Hz |
| **RPM (Revolutions per minute)** | 200 |
| **Working time** | 8s |
| **Maximum load** | 65Kg |
| **Wheel diameter** | 10-24" |
| **Rim width** | 1,5-20" |
| **Noise** | <70dB |
| **Weight** | 75,00Kg |
| **Dimensions (LxWxH)** | 915x760x1180mm |

## 54970

2.647,50€

126.00 | - | 1 | 1

NEW

### DIGITAL WHEEL BALANCER WITH BRAKE PEDAL AND LASER

| | |
|---|---|
| **Power** | 200W |
| **Voltage** | 220V/50Hz |
| **Working time** | 8s |
| **Precision** | ±1g |
| **RPM (Revolutions per minute)** | 200 |
| **Wheel diameter** | 10-24" |
| **Rim width** | 40-510mm |
| **Noise** | <70db |
| **Weight** | 103,00Kg |
| **Dimensions (LxWxH)** | 1178x918x1664mm |

SPARE PARTS AVAILABLE




## 53605

154,00€

16.00 | - | 1 | 21

### MANUAL TYRE CHANGER



| | |
|---|---|
| **Range** | 7½"-16" |
| **Material** | S |
| **Weight** | 16,00Kg |
| **Dimensions (LxWxH)** | 950x210x200mm |

## 52664 — 178,00€

12.30 | - | 1 | 12

### TRUCK TYRE LEVER



| | |
|---|---|
| **Pieces** | 2 |
| **Material** | CSTL |
| **Weight** | 12,30Kg |
| **Dimensions (LxWxH)** | 740x130x125mm |

## 54198 — 69,00€

4.50 | - | 1 | 31

### TYRE DOLLY WITH CASTERS



| | |
|---|---|
| **Capacity** | 136Kg |
| **Material** | S, PT |
| **Weight** | 4,50Kg |
| **Dimensions (LxWxH)** | 660x660x110mm |

## 54136 — 107,00€

5.25 | - | 2 | 144

### MANUAL TYRE CHANGER



| | |
|---|---|
| **Opening** | 65mm |
| **Material** | S |
| **Weight** | 5,25Kg |
| **Dimensions (LxWxH)** | 162x110x257mm |

## 53542 — 980,00€

4.60 | - | 4 | 40

### PNEUMATIC TYRE BEAD BREAKER



| | |
|---|---|
| **Real air consumption** | 4CFM (113L/min) |
| **Operating pressure** | 6,2BAR |
| **Speed** | 10000RPM |
| **Air intake** | 1/4" |
| **Hose** | 3/8" |
| **Opening** | 68mm |
| **Route** | 80mm |
| **Material** | S, Al |
| **Weight** | 4,60Kg |
| **Dimensions (LxWxH)** | 396x320x160mm |

## 52660 — 126,00€

7.88 | - | 1 | 18

### TYRE CARTS 200KG







| | |
|---|---|
| **Capacity** | 200Kg |
| **Opening** | 590mm |
| **Material** | S |
| **Weight** | 7,88Kg |
| **Dimensions (LxWxH)** | 700x400x750mm |

## 52842 — 11,00€

0.15 | 10 | 100 | 1500

### TYRE PATCH ROLLER 38MM

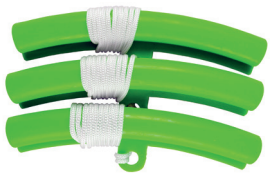


| | |
|---|---|
| **Pieces** | 1 |
| **Material** | S, W |
| **Lenght** | 170mm |
| **Diameter** | 38mm |
| **Weight** | 0,15Kg |

## 53419 — 10,40€

0.10 | 10 | 100 | 600

### SET OF 3 TIRE PROTECTORS



| | |
|---|---|
| **Pieces** | 3 |
| **Material** | ABS |
| **Lenght** | 155mm |
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 155x40x30mm |

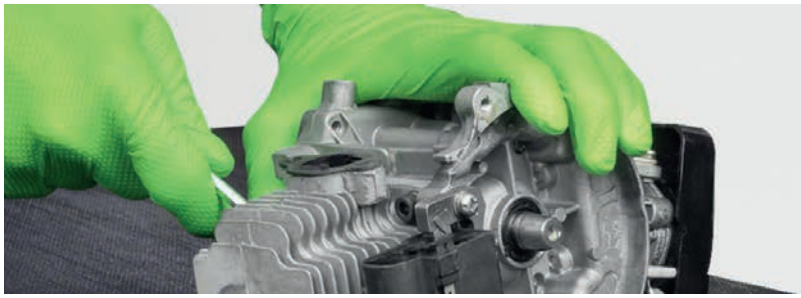
# SAFETY AND PPE

**426** GLOVES/PPE

**430** OZONE METER

**430** DELIMITATION





# 100% NITRILE GLOVES

## NITRILE GLOVES

### 5MIL - 5.5G

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54151 | ● | M | 100PCS | 0.60 | 10 | 520 | 9,00€ |
| 54152 | ● | L | 100PCS | 0.60 | 10 | 520 | 9,00€ |
| 54153 | ● | XL | 100PCS | 0.60 | 10 | 520 | 9,00€ |

**CERTIFICATION:**
GB/T 19001-2016, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

### 3.5MIL - 4.2G

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54155 | ● | M | 100PCS | 0.46 | 10 | 570 | 8,00€ |
| 54156 | ● | L | 100PCS | 0.50 | 10 | 570 | 8,00€ |
| 54157 | ● | XL | 100PCS | 0.55 | 10 | 570 | 8,00€ |

**CERTIFICATION:**
GBT 19001-2016, ISO 180 9001:2015, ISO 14001:2015, ISO 45001:2018

### 3.5MIL - 4.2G

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 53984 | ● | M | 100PCS | 0.45 | 10 | 500 | 8,00€ |
| 53985 | ● | L | 100PCS | 0.50 | 10 | 500 | 8,00€ |
| 53986 | ● | XL | 100PCS | 0.55 | 10 | 500 | 8,00€ |

**CERTIFICATION:**
GBT 19001-2016, ISO 180 9001:2015, ISO 14001:2015, ISO 45001:2018

## NITRILE GLOVES - DIAMOND TEXTURE

### 7MIL - 8.4G

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54177 | ● | M | 100PCS | 0.92 | 10 | 310 | 16,00€ |
| 54178 | ● | L | 100PCS | 0.96 | 10 | 310 | 16,00€ |
| 54179 | ● | XL | 90PCS | 0.97 | 10 | 310 | 16,00€ |

**CERTIFICATION:**
GBT 19001-2016, ISO 180 9001:2015, ISO 14001:2015, ISO 45001:2018

### 7MIL - 8.4G

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54369 | ● | M | 100PCS | 0.90 | 10 | 240 | 16,00€ |
| 54370 | ● | L | 100PCS | 0.88 | 10 | 240 | 16,00€ |
| 54371 | ● | XL | 100PCS | 1.05 | 10 | 240 | 16,00€ |

**CERTIFICATION:**
GBT 19001-2016, ISO 180 9001:2015, ISO 14001:2015, ISO 45001:2018

### 7MIL - 8.4G

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 53551 | ● | M | 100PCS | 0.90 | 10 | 310 | 16,00€ |
| 53552 | ● | L | 100PCS | 1.00 | 10 | 310 | 16,00€ |
| 53553 | ● | XL | 90PCS | 1.00 | 10 | 310 | 16,00€ |

**CERTIFICATION:**
GBT 19001-2016, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018






## PALM POLYURETHANE COATED GLOVES

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 51640N | T.8 | 0.05 | 12 | 144 | 3456 | | 1,54€ |
| 51642N | T.9 | 0.05 | 12 | 144 | 4320 | | 1,54€ |
| 51636N | T.10 | 0.05 | 12 | 144 | 3456 | | 1,54€ |
| 51638N | T.11 | 0.05 | 12 | 144 | 4320 | | 1,54€ |

**CERTIFICATION:**

EN ISO 21420:2020, EN 388:2016+A1:2018



## PALM NITRILE COATED GLOVES

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 51633 | T.8 | 0.04 | 12 | 144 | 3456 | | 1,54€ |
| 51634 | T.9 | 0.05 | 12 | 144 | 3456 | | 1,54€ |
| 51632N | T.10 | 0.05 | 12 | 144 | 3456 | | 1,54€ |
| 51398N | T.11 | 0.05 | 12 | 144 | 2592 | | 1,54€ |

**CERTIFICATION:**

EN ISO 21420:2020, EN 388:2016+A1:2018



## THERMAL WORK GLOVES

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 54192 | T.8 | 0.15 | 12 | 144 | 3456 | | 9,60€ |
| 54193 | T.9 | 0.10 | 12 | 144 | 3456 | | 9,60€ |
| 54194 | T.10 | 0.15 | 12 | 144 | 3456 | | 9,60€ |
| 54195 | T.11 | 0.10 | 12 | 144 | 3456 | | 9,60€ |

**CERTIFICATION:**

EN ISO 21420:2020, EN 388:2016+A1:2018



## CUT RESISTANT GLOVES TACTILE FEATURE

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52570 | T.8 | 0.03 | 12 | 144 | 3456 | | 2,75€ |
| 52571 | T.9 | 0.03 | 12 | 144 | 2592 | | 2,75€ |
| 52572 | T.10 | 0.03 | 12 | 144 | 2592 | | 2,75€ |
| 52573 | T.11 | 0.04 | 12 | 144 | 2592 | | 2,75€ |

**CERTIFICATION:**

EN ISO 21420:2020, EN 388:2016+A1:2018



## LEATHER GLOVES

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52738 | T.9 | 0.10 | 12 | 144 | 2304 | | 5,00€ |
| 52739 | T.10 | 0.12 | 12 | 144 | 2304 | | 5,00€ |

**CERTIFICATION:**

EN 388:2016, EN 420:2003 + A1:2009



## LEATHER AND TEXTILE GLOVES

| REF. | | | | | | | € |
|---|---|---|---|---|---|---|---|
| 52310 | T.10 | 0.20 | 12 | 120 | 1920 | | 3,90€ |

**CERTIFICATION:**

EN 388:2016, EN 420:2003 + A1:2009



## COTTON GLOVES WITH PVC DOTS

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 51785 | | 0.04 | 12 | 300 | 3600 | 1,00€ |

**CERTIFICATION:**
EN 420:2003 + A1:2009, EN 388:2016





## WORK GLOVES

| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 54188 | T.8 | 0.15 | 12 | 60 | 2040 | 19,00€ |
| 54189 | T.9 | 0.15 | 12 | 60 | 720 | 19,00€ |
| 54190 | T.10 | 0.15 | 12 | 60 | 720 | 19,00€ |
| 54191 | T.11 | 0.15 | 12 | 60 | 720 | 19,00€ |

**CERTIFICATION:**
EN 388:2016+A1:2018



## ANTIFOG SPORT PROTECTIVE GOOGLES

### 53596 — 4,00€

0.01 | 12 | 144 | 2016





IN 12 UNITS DISPLAY CASE

| | |
|---|---|
| **Type** | Protección solar sport antivaho/Antifog sport protective |
| **Color** | Transparente/Transparent |
| **Standards** | EN166:2002-04, EN166:2003-01 |
| **Weight** | 0,01Kg |

### 53597 — 4,00€

0.01 | 12 | 144 | 2016





IN 12 UNITS DISPLAY CASE

| | |
|---|---|
| **Type** | Protección solar sport antivaho/Antifog sport protective |
| **Color** | Negro/Black |
| **Standards** | EN166:2002-04, EN166:2003-01 |
| **Weight** | 0,01Kg |

### 53598 — 4,50€

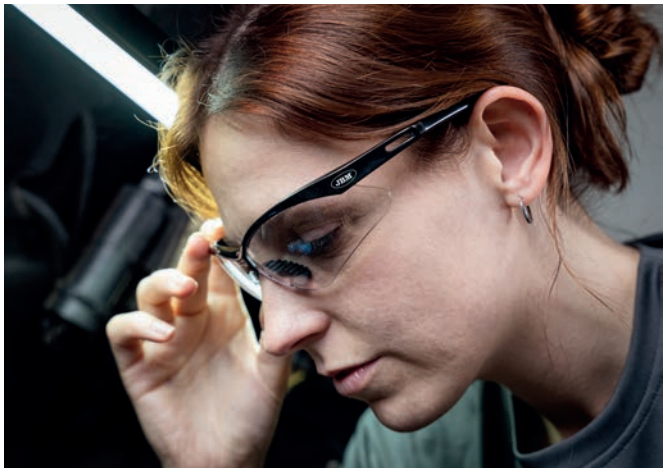
0.01 | 12 | 144 | 2016





IN 12 UNITS DISPLAY CASE

| | |
|---|---|
| **Type** | Protección solar sport antivaho/Antifog sport protective |
| **Color** | Transparente/Transparent, Negro/Black |
| **Standards** | EN166:2002-04, EN166:2003-01 |
| **Weight** | 0,01Kg |



## 52430

12,60€

| 0.34 | 6 | 24 | 288 |
|---|---|---|---|

### EAR DEFENDERS



| | |
|---|---|
| **Compliance with the European directive** | EN352-1:2003 |
| **Type** | Protección auditiva/Hearing protection |
| **Weight** | 0,34Kg |
| **Dimensions (LxH)** | 216x195mm |

## 53785

4,80€

| 0.05 | 14 | 112 | 896 |
|---|---|---|---|

### ANTIFOG SAFETY GOGGLES



| | |
|---|---|
| **Type** | Protección antivaho/Antifog safety |
| **Color** | Blanco/White |
| **Standards** | EN166:2002-04 |
| **Weight** | 0,05Kg |

## 14793

12,00€

| 0.05 | - | 100 | 1200 |
|---|---|---|---|

### DOSING PUMP FOR 5L CANISTER





## 53862

6,00€

| 1.45 | - | 5 | 100 |
|---|---|---|---|

### SHOE DISINFECTANT MAT WITH TANK



| | |
|---|---|
| **Type** | Para líquido desinfectante/For disinfectant liquid |
| **Capacity** | 8L |
| **Material** | TPE |
| **Weight** | 1,45Kg |
| **Dimensions (LxWxH)** | 850x540x50mm |

## 53863

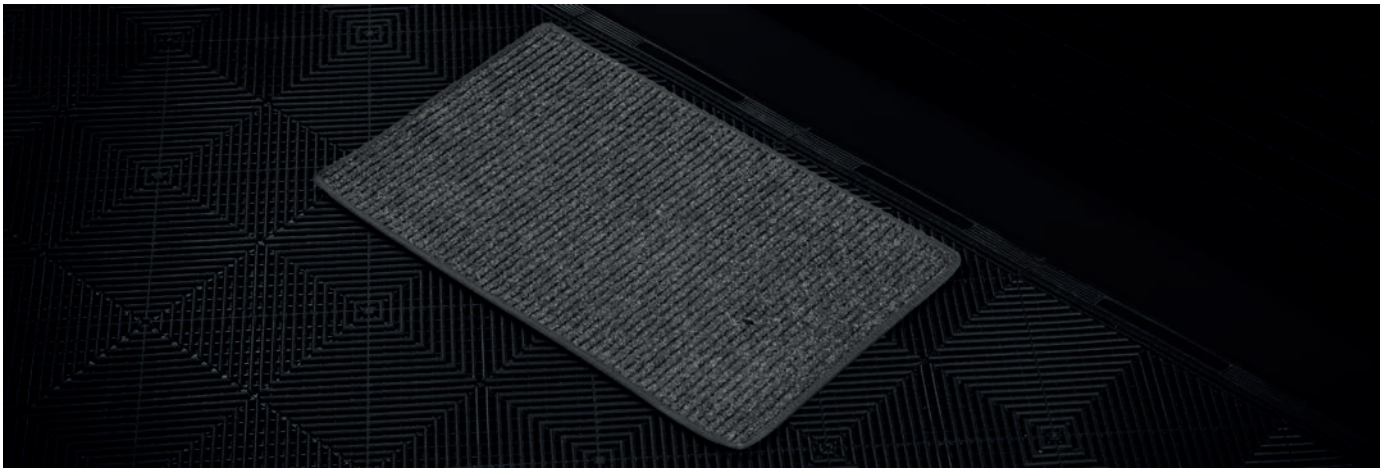
3,00€

| 0.70 | - | 5 | 240 |
|---|---|---|---|

### DRYING MAT



| | |
|---|---|
| **Type** | Para secado/For drying |
| **Material** | PL |
| **Weight** | 0,70Kg |
| **Dimensions (LxWxH)** | 760x460x20mm |



**53796** 76,00€

0.90 | - | 8 | 128

## PORTABLE OZONE GENERATOR 600MG/H (12V/220V)



| | |
|---|---|
| **Power** | 15W |
| **Voltage** | 12V |
| **Air flow** | 600mg/h |
| **Sound intensity** | 45dB |
| **Maximum disinfection volume** | 500m3 |
| **Timer** | 1h, Modo retención/Hold mode |
| **Dilution system** | Ventilador/Fan |
| **Material** | ME, PT |
| **Weight** | 0,90Kg |
| **Dimensions (LxWxH)** | 130x180x80mm |

**53786** 98,00€

2.20 | - | 8 | 32

## PORTABLE OZONE GENERATOR 5000MG/H (220V)

SPARE PARTS AVAILABLE



| | |
|---|---|
| **Power** | 60W |
| **Voltage** | 110-230V |
| **Air flow** | 80CFM (2,24m3/min) |
| **Ozone production** | 5000mg/h |
| **Sound intensity** | 45dB |
| **Maximum disinfection volume** | 500m3 |
| **Required working time for 500m3** | 120min |
| **Timer** | 2h |
| **Dilution system** | Ventilador/Fan |
| **Weight** | 2,20Kg |
| **Dimensions (LxWxH)** | 172x187x158mm |

## SAFETY DISTANCE - SPECIAL VDE

| REF. | | | | | € |
|---|---|---|---|---|---|
| **53940** | 0.55 | - | 6 | 90 | 15,50€ |
| **54326** | 0.30 | - | 20 | 600 | 8,50€ |
| **53987** | 0.59 | - | 40 | 560 | 10,00€ |
| **53942** | 0.01 | 50 | 5000 | 75000 | 0,50€ |
| **54322** | 0.05 | 25 | 100 | - | 21,00€ |



53940



54326



53987



53942




## SAFETY DISTANCE

| REF. | | | | | € |
|---|---|---|---|---|---|
| **53808** | 0.55 | - | 6 | 114 | 16,50€ |
| **53809** | 0.30 | 5 | 40 | 960 | 8,00€ |
| **53811** | 0.45 | - | 32 | 576 | 9,90€ |
| **53839** | 0.01 | 10 | 2000 | 16000 | 0,34€ |



53808



53809



53811



53839



# CONSUMABLES


**432** PINS AND CIRCLIPS

**433** WASHERS

**434** SCREWS NUT WASHERS

**436** CRANKCASE AND ENGINE WASHERS

**438** OTHERS

**439** GASKETS AND O-RINGS

**440** HOSE CONNECTORS

**441** ELECTRICAL

**444** PLASTIC CLIPS AND STAPLES




## 52044 — 19,00€

0.55 | 6 | 12 | 384



### R-CLIP ASSORTMENT 150PCS

SPARE PARTS AVAILABLE



2,3x43 (x25), 3,2x52 (x20), 3,8x75 (x8), 2x32 (x42), 1,6x36(x30), 1,6x42 (x25)

## 52027 — 14,00€

0.90 | 6 | 12 | 480



### PIN ASSORTMENT 365PCS

SPARE PARTS AVAILABLE



1,2x25 (x50), 1,6x32 (x50), 2x40 (x50), 2,5x40 (x50), 3,2x40 (x50), 3,2x50 (x50), 4x50 (x40), 5x63 (x10), 6,3x63 (x15)

## 53348 — 14,00€

0.30 | 6 | 24 | 672



### E-CIRCLIP ASSORTMENT 150PCS



M1.5 - 1/16" (x15), M3 - 1/8" (x15), M5 - 3/16" (x20), M6 - 1/4" (x25), M9 - 3/8" (x25), M12 - 1/2" (x20), M15 - 5/8" (x10), M19 - 3/4" (x10), M22 - 7/8" (x10)

## 53350 — 14,00€

0.40 | 6 | 24 | -



### ROLL PIN ASSORTMENT 120PCS



1/16" x 3/16" (x4), 1/16" x 5/16" (x4), 1/16" x 3/4" (x4), 5/64" x 1/4" (x4), 5/64" x 1/2" (x4), 5/64" x 1" (x4), 3/32" x 5/8" (x4), 3/32" x 1" (x4), 3/32" x 1-1/4" (x4), 1/8" x 5/8" (x5), 1/8" x 1" (x5), 1/8" x 1-1/4" (x5), 5/32" x 5/8" (x4), 5/32" x 1" (x4), 5/32" x 1-1/2" (x4), 3/16" x 5/8" (x5), 3/16" x 1" (x5), 3/16" x 1-1/4" (x5), 7/32" x 5/8" (x4), 7/32" x 1-1/4" (x4), 7/32" x 1-3/4" (x4), 1/4" x 5/8" (x4), 1/4" x 1-1/4" (x4), 1/4" x 1-3/4" (x4), 5/16" x 3/4" (x4), 5/16" x 1-1/2" (x4), 5/16" x 2" (x4), 3/8" x 3/4" (x2), 3/8" x 1-1/2" (x2), 3/8" x 2" (x2)

## 53363 — 34,00€

1.15 | 6 | 24 | -



### CLEVIS PIN AND R-CLIP ASSORTMENT 71PCS



3.5x44 (x6), 2.5x42 (x20), 2.5x58 (x7), 2x3 (x7)

8x50 (x5), 9.5x50 (x18), 11x63 (x5), 12.5x50 (x3)

## 53364 — 16,00€

0.80 | 6 | 24 | -



### MACHINE KEY ASSORTMENT 60PCS



3x3x25 (x4), 3x3x20 (x4), 5x5x30 (x5), 5x5x25 (x5), 5x5x20 (x5), 6x6x40 (x5), 6x6x30 (x5), 6x6x20 (x5), 8x8x40 (x5), 8x8x30 (x5), 10x10x40 (x5), 10x10x30 (x5), 12x12x40 (x2)

## 53371 — 29,00€

1.45 | 6 | 12 | 288



### LYNCH PIN ASSORTMENT 50PCS



5x36 (x16), 6x45 (x18), 8x45 (x6), 11x45 (x10)

## 53372 — 26,50€

1.30 | 6 | 12 | -



### SS COTTER PIN ASSORTMENT 144PCS



M3x50 (x50), M4x60 (x30), M5x75 (x20), M6x50 (x20), M6x75 (x16), M8x60 (x8)

## 54873 — 12,50€

0.35 | 6 | 24 | 720

NEW



### CLEVIS PIN ASSORTMENT 20PCS



3/8"x1"(x1), 3/8"x2" (x2), 3/8"x2-3/8" (x1), 5/16" x 1-1/2" (x2), 5/16" x 2-1/2" (x2), 5/16" x 1-1/4" (x1), 5/16" x 1" (x1), 5/16" x 2-1/4" (x2), 5/16" x 2" (x2), 5/16" x 3" (x2), 1/4" x 1-1/4" (x1), 1/4" x 1-1/2" (x2), 1/4" x 2" (x1)

## 54943 — 15,90€

0.40 | 6 | 24 | 720



NEW

### 295PCS KIT - CLIPS, CIRCLIPS, COTTER PINS, PINS



3/8" (x12), 1/2" (x12), 5/8" (x12), 3/4" (x12) | 1/4" (x20), 3/8" (x20)

1/8x5/8" (x12), 1/8x1"(x12), 5/32x5/8" (x12), 5/32x1" (x12), 3/16x5/8" (x12), 3/16x1" (x12)

3/32x3/8" (x25), 3/32x1/2" (x25), 1/8x1/2" (x25), 1/8x5/8" (x25), 5/32x5/8" (x25), 3/16x3/4" (x10)

## 54938 — 12,00€

0.25 | 6 | 24 | 720



NEW

### FLAT AND GROWER WASHER ASSORTMENT 350PCS



ø3 #6 (x50), ø4 #8 (x40), ø5 #10 (x30), ø6 1/4" (x25), ø8 5/16" (x15), ø 10 3/8" (x15)

ø3 #6 (x50), ø4 #8 (x40), ø5 #10 (x30), ø6 1/4" (x25), ø8 5/16" (x15), ø 10 3/8" (x15)

## 53373 — 16,00€

0.25 | 6 | 24 | 672



### STARLOCK WASHER ASSORTMENT 260PCS



M3x10 (x30), M4x12 (x30), M5x14 (x40), M6x14 (x50), M8x18 (x50), M10x20 (x40), M12x25 (x20)

## 53383 — 11,50€

0.20 | 6 | 24 | 672



### EXTERNAL SNAP RING ASSORTMENT 300PCS



M4 (x50), M6 (x40), M8 (x45), M10 (x30), M12 (x30), M14 (x25), M16 (x25), M18 (x25), M20 (x15), M22 (x15)

## 53382 — 11,00€

0.15 | 6 | 24 | 672



### INTERNAL SNAP RING 300PCS



M4 (x50), M6 (x40), M8 (x45), M10 (x30), M12 (x30), M14 (x25), M16 (x25), M18 (x25), M20 (x15), M22 (x15)

## 52711 — 32,00€

0.44 | - | 24 | 384

### PLASTIC RIVET ASSORTMENT 150PCS

SPARE PARTS AVAILABLE



6x19,3mm (x25), 6x17,8mm (x25), 6x25,5mm (x25), 6x24,5mm (x25), 6x24mm (x50)

## 52703 — 22,00€

0.79 | 6 | 24 | 480



### NUT RIVET ASSORTMENT 235PCS

SPARE PARTS AVAILABLE



M3 (x50), M4 (x50), M5 (x50), M6 (x50), M8 (x20), M10 (x15), M12 (x10)

## 53360 — 18,00€

0.45 | 6 | 24 | 672



### ZINC KNURLED RIVET NUT ASSORTMENT 150PCS



3x9 (x40), 4x11 (x35), 5x13 (x25), 6x15 (x25), 8x18 (x15), 10x21 (x10)

## 53361 — 24,00€

0.20 | 6 | 24 | 672



### ALUMINIUM KNURLED RIVET NUT ASSORTMENT 150PCS



3x9 (x40), 4x11 (x35), 5x13 (x25), 6x15 (x25), 8x18 (x15), 10x21 (x10)

## 52043 — 18,00€

0.80 | 6 | 12 | 384



### RIVET ASSORTMENT 300PCS

SPARE PARTS AVAILABLE



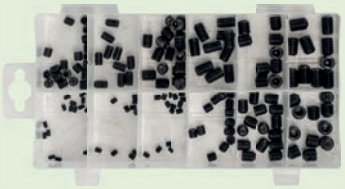
4,8x16,90mm (x50), 4,8x24,80mm (x40), 3,2x9,70mm (x90), 4,8x12,70mm (x70), 4,80x20mm (x50)

## 54932 — 12,50€

0.33 | 6 | 24 | 504

NEW

### SAE SOCKET HEAD SET SCREW ASSORTMENT 160PCS



4-40x3/16" (x15), 1/4"-20 x 1/4" (x20), 8-32 x 3/16" (x15), 1/4"-28 x 1/4" (x15), 10-24 x 1/4" (x10), 1/4"-20 x 3/8" (x10), 5/16"-18 x 3/8" (x20), 3/8"-16 x 3/8" (x10), 5/16"-24 x 3/8" (x15), 3/8"-16 x 1/2" (x10), 5/16"-18 x 1/2" (x10), 3/8"-24 x 3/8" (x10)

## 54933 — 9,00€

0.34 | 6 | 24 | 504

NEW

### METRIC SOCKET HEAD SET SCREW ASSORTMENT 160PCS



3x5mm (x15), 4x5mm (x15), 5x6mm (x10), 6x6mm (x20), 6x6mm F (x15), 6x10mm (x10), 8x10mm (x20), 8x10mm F (x15), 8x12mm (x10), 10x10mm (x10), 10x10mm F (x10), 10x12mm (x10)

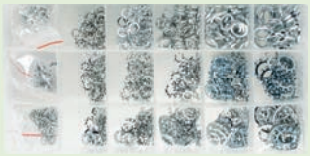
## 54939 — 10,50€

0.30 | 6 | 24 | 720



NEW

### GROWER AND SERRATED WASHER ASSORTMENT 720PCS



#6 (x50), #8 (x50), #10 (x50), 1/4" (x40), 5/16" (x30), 3/8" (x20)

#6 (x50), #8 (x50), #10 (x50), 1/4" (x40), 5/16" (x30), 3/8" (x20)

#6 (x50), #8 (x50), #10 (x50), 1/4" (x40), 5/16" (x30), 3/8" (x20)




## 53351 — 14,00€

0.90 | 6 | 12 | -



### METRIC HEX HEAD SCREW ASSORTMENT 240PCS



M4x12 (x10), M4x20 (x10), M5x16 (x10), M5x25 (x10), M6x20 (x10), M6x30 (x10), M8x25 (x5), M8x40 (x5), M10x16 (x5), M10x40 (x5)

M4 (x20), M5 (x20), M6 (x20), M8 (x10), M10 (x10)

M4 (x20), M5 (x20), M6 (x20), M8 (x10), M10 (x10)

## 53354 — 14,00€

0.55 | 6 | 24 | -



### HEX HEAD DRILL SCREW ASSORTMENT 200PCS



#8x12.5 (x30), #8x16 (x30), #8x19 (x30), #8x25 (x30), #10x12.5 (x20), #10x16 (x20), #10x19 (x20), #10x25 (x20)

## 53362 — 14,00€

0.65 | 6 | 24 | 672



### ALLEN CAP SCREW ASSORTMENT 106PCS



4x12 (x25), 5x12 (x25), 5x25 (x20), 10x40 (x3), 6x25 (x10), 8x40 (x5), 10x25 (x3), 6x12 (x10), 8x25 (x5)

## 53365 — 16,00€

0.75 | 6 | 24 | -



### METRIC WING NUT ASSORTMENT 150PCS



M4 (x40), M5 (x40), M6 (x25), M8 (x25), M10 (x20)

## 53366 — 15,00€

0.30 | 6 | 24 | 672



### U-CLIP AND SCREW ASSORTMENT 170PCS



M3.5x8 (x40), M4.2x16 (x20), M5x12 (x15), M6.35x19 (x10)

M3.5 (x20), M3.5 Con muesca/with notch (x20), M4 (x20), M5 (x15), M6.35 (x10)

## 53369 — 16,00€

0.65 | 6 | 24 | 672



### FLAT HEAD SELF TAPPING SCREW ASSORTMENT 550PCS



2.8x13mm (x65), 2.8x16mm (x55), 3.5x10mm (x60), 3.5x13mm (x65), 3.5x16mm (x60), 3.5x19mm (x45), 4.2x13mm (x50), 4.2x16mm (x40), 4.2x25mm (x30), 4.2x31mm (x20), 4.8x19mm (x25), 4.8x25mm (x20), 4.8x32mm (x15)

## 52029 — 14,00€

1.01 | 6 | 12 | 480



### SELF-LOCKING NUT ASSORTMENT 228PCS



M3 (x50), M4 (x50), M5 (x40), M6 (x30), M8 (x20), M10 (x15), M12 (x10), M14 (x8), M16 (x5)

## 52028 — 16,50€

1.05 | 6 | 12 | 360



### NUT CASE ASSORTMENT 243PCS

SPARE PARTS AVAILABLE



M3 (x50), M4 (x50), M5 (x50), M6 (x30), M8 (x20), M10 (x20), M12 (x10), M14 (x8), M16 (x5)

## 52032 — 30,00€

1.68 | 5 | 20 | 870

### BLACK GROWER WASHERS ASSORTMENT 1735PCS



3mm (x600), 4mm (x400), 5mm (x220), 6mm (x220), 8mm (x110), 10mm (x65), 12mm (x50), 14mm (x40), 16mm (x30)

## 52158

38,50€

| 3.45 | - | 6 | 312 |
|---|---|---|---|
| Kg. | SUB | | |



### GALVANIZED IRON FLAT WASHER ASSORTMENT 475PCS



5x20x1.5 (x50), 6x20x1.5 (x50), 7x20x1.5 (x50), 8x20x1.5 (x50), 8x25x1.75 (x50), 10x30x2.5 (x25), 6x30x2 (x25), 7x30x2 (x25), 8x30x2 (x25), 4x11x0.98 (x50), 12x40x3 (x25), 4x20x1.5 (x50)

## 53377

22,00€

| 1.60 | 6 | 12 | - |
|---|---|---|---|
| Kg. | SUB | | |



### FLAT WASHER ASSORTMENT 240PCS



20x6x1.5 (x20), 20x8x1.5 (x20), 20x10x1.5 (x20), 25x6x1.5 (x20), 25x8x1.5 (x20), 25x10x1.5 (x20), 32x2x1.5 (x20), 32x4x1.5 (x20), 32x6x1.5 (x20), 32x8x1.5 (x20), 32x10x1.5 (x20), 32x10x1.5 (x20)

## 53464

153,00€

| 1.85 | - | 5 | 90 |
|---|---|---|---|
| Kg. | SUB | | |

### INJECTOR COPPER RING ASSORTMENT 551PCS

| | |
|---|---|
| Ø15.0x8.0x1.5 - UNIVERSAL | 30 |
| Ø15.0x7.0x1.5 - MERCEDES | 12 |
| Ø13.0x7.5x2.5 - RENAULT | 30 |
| Ø15.0x7.5x1.5 - IVECO, FORD, BMW, MAN | 30 |
| Ø15.0x7.5x2.0 - IVECO, FORD, BMW, MAN | 30 |
| Ø15.45x8.0x2.0 - UNIVERSAL | 30 |
| Ø13.5x10x2.0 - MAZDA (REF.. 53464) | 12 |
| Ø15.5x7.5x2.5 - FORD | 30 |
| Ø15.5x7.5x1.5 - LAND ROVER | 12 |
| Ø15.0x7.5x3.0 - RENAULT | 30 |

| | |
|---|---|
| Ø13.0x7.0x1.5 - DEUTZ | 12 |
| Ø13.5x7.5x1.5 - FORD | 30 |
| Ø15.0x7.5x1.5 - FIAT | 12 |
| Ø15.5x7.5x1 - MAN ROVER | 12 |
| Ø16.5x7.5x2 - MERCEDES | 30 |
| Ø13.7x7.3x3 - KIA | 12 |
| Ø13.7x7.3x2 - KIA | 12 |
| Ø10x6.0x1.0 | 50 |
| Ø15.8x7.5x3.0 | 30 |
| 30 PLASTIC NOZZLE T-TYPE BAG (REF.53464) | 20 |



SPARE PARTS AVAILABLE

| | |
|---|---|
| Ø8x5.8x1 | 30 |
| 30 PLASTIC NOZZLE L-TYPE BAG (REF.53464) | 30 |
| 30 SPRING BAG (REF.53464) | 25 |

## 52031

45,50€

| 0.56 | 6 | 18 | 288 |
|---|---|---|---|
| Kg. | SUB | | |



### ALUMINIUM FLAT WASHER ASSORTMENT 900PCS



3x7x1.5 (x50), 4x8x1.5 (x50), 5x6x1.5 (x50), 16x22x1.5 (x50), 14x22x1.5 (x50), 14x20x1.5 (x50), 6x10x1.5 (x50), 6x11x1.5 (x50), 7x11x1.5 (x50), 7x12x1.5 (x50), 8x12x1.5 (x50), 8x14x1.5 (x50), 9x12x1.5 (x50), 10x14x1.5 (x50), 11x16x1.5 (x50), 11x17x1.5 (x50), 12x16x1.5 (x50), 12x18x1.5 (x50)

## 53353

18,00€

| 0.20 | 6 | 24 | 672 |
|---|---|---|---|
| Kg. | SUB | | |



### COPPER WASHER ASSORTMENT 110PCS



M6 (x30), M8 (x25), M10 (x20), M12 (x15), M14 (x10), M16 (x10)

## 54918

24,50€

| 0.23 | 6 | 24 | 504 |
|---|---|---|---|
| Kg. | SUB | | |

NEW

### FORD SUMP PLUG WASHER ASSORTMENT KIT 120PCS



12x25x1.2mm (x20), 14x25x1.5mm (x20)

12x22x2mm (x20), 14x24x2mm (x20)

12x21x2.5mm (x20), 14x22x2.5mm (x20)

## 54929

14,50€

| 0.10 | 6 | 24 | 720 |
|---|---|---|---|
| Kg. | SUB | | |



NEW

### FIBRE AND NYLON WASHER ASSORTMENT KIT 60PCS



1/2" (x20), 16mm (x5), 18mm (x5), 20mm (x5)

1/2" (x10), 12mm (x10), 14mm (x10)

## 54930 — 47,00€

0.42 | 6 | 24 | 720



NEW

### OVERSIZE OIL DRAIN PLUG ASSORTMENT



1/2"-20"(x6), M14-1.5 (x2)
1/2"-20"(x4)
M14x24 (x5), 1/2"- 13.5x19 (x5), 1/2"-15x21 (x5)

## 54931 — 63,00€

0.50 | 6 | 12 | 720



NEW

### OIL DRAIN PLUG ASSORTMENT 40PCS



12mm-1.25 (x3), 12mm-1.75 (x3), 14mm-1.5 (x3)
12mm-1.75 (x3), 14mm-1.5 (x3), 14mm-1.5 (x3), 14mm-1.5 (x5), 1/2"-20 (x3), 12mm-1.75 (x3)
12mm-1.75 (x3), 14mm-1.5 (x3), 14mm-1.5 (x5)

## 52163 — 95,00€

0.65 | 6 | 18 | 288



### OIL DRAIN PLUG COOPER WASHER ASSORTMENT 525PCS

SPARE PARTS AVAILABLE



10mm (x100), 12mm (x100), 14mm (x100), 16mm (x100), 18mm (x100), 20mm (x25)

## 52030 — 104,00€

1.21 | 6 | 12 | 288



### COPPER WASHER SET 900 PCS

SPARE PARTS AVAILABLE



3x7x1,5 (x50), 4x8x1,5 (x50), 5x6x1,5 (x50), 16x22x1,5 (x50), 14x22x1,5 (x50), 14x20x1,5 (x50), 6x10x1,5 (x50), 6x11x1,5 (x50), 7x11x1,5 (x50), 7x12x1,5mm (x50), 8x12x1,5 (x50), 8x14x1,5 (x50), 9x12x1,5 (x50), 10x14x1,5 (x50), 11x16x1,5 (x50), 11x17x1,5 (x50), 12x16x1,5 (x50), 12x18x1,5 (x50)

## 53229 — 38,70€

0.40 | 5 | 10 | 640

### INJECTOR COPPER RING ASSORTMENT 150PCS

SPARE PARTS AVAILABLE



13,8x7,3x1,4 (x10), 14,6x7,5x1,3 (x10), 14,6x7,5x3,0 (x10), 15,0x7,0x2,0 (x10), 15,0x7,5x1,0 (x10), 15,0x7,5x1,5 (x10), 15,0x7,5x2,0 (x10), 15,0x7,5x2,5 (x10), 15,0x7,5x3,0 (x10), 15,5x7,5x2,0 (x10), 16,0x7,5x1,5 (x10), 16,0x7,5x1,7 (x10), 16,0x7,5x2,0 (x10), 16,4x7,5x2,0 (x10), 20,0x9,4x0,9 (x10)

## 53340 — 92,00€

0.90 | 5 | 10 | 1050

### INJECTOR COPPER RING ASSORTMENT 375PCS

SPARE PARTS AVAILABLE



13,8x7,3x1,4 (x25), 14,6x7,5x1,3 (x25), 14,6x7,5x3,0 (x25), 15,0x7,0x2,0 (x25), 15,0x7,5x1,0 (x25), 15,0x7,5x1,5 (x25), 15,0x7,5x2,0 (x25), 15,0x7,5x2,5 (x25), 15,0x7,5x3,0 (x25), 15,5x7,5x2,0 (x25), 16,0x7,5x1,5 (x25), 16,0x7,5x1,7 (x25), 16,0x7,5x2,0 (x25), 16,4x7,5x2,0 (x25), 20,0x9,4x0,9 (x25)

## OIL DRAIN PLUG GASKETS

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 52719 | ø 10mm | 0.01 | 100 | 5000 | 150000 | 0,19€ |
| 51843 | ø 12mm | 0.01 | 100 | 5000 | 200000 | 0,19€ |
| 51554 | ø 13mm | 0.01 | 100 | 5000 | 180000 | 0,30€ |
| 51546 | ø 14mm | 0.01 | 100 | 5000 | 150000 | 0,19€ |
| 51799 | ø 16mm | 0.01 | 100 | 2500 | - | 0,20€ |



52719 | 51843 | 51554 | 51546 | 51799

| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 51538 | ø 10mm | 0.01 | 100 | 5000 | - | 0,15€ |
| 51539 | ø 12mm | 0.00 | 100 | 5000 | - | 0,18€ |
| 51540 | ø 14mm | 0.01 | 100 | 5000 | - | 0,19€ |
| 51541 | ø 16mm | 0.01 | 100 | 5000 | - | 0,25€ |
| 51542 | ø 18mm | 0.01 | 100 | 5000 | - | 0,25€ |
| 51543 | ø 20mm | 0.01 | 100 | 2000 | - | 0,30€ |
| 51544 | ø 22mm | 0.01 | 100 | 3000 | - | 0,30€ |
| 51545 | ø 26mm | 0.01 | 100 | 2000 | - | 0,36€ |



51538 | 51539 | 51540 | 51541 | 51542 | 51543 | 51544 | 51545

## 54390 — 199,00€

1.85 | - | 10 | 80

### SET OF FUEL CONNECTORS AND TUBES 95PCS



SPARE PARTS AVAILABLE

| | |
|---|---|
| | 6.3x6mm (x3), 7.89x8mm (x3), 9.49x8mm (x3), 9.89x8mm (x3), 11.80x10mm (x3) |
| | 6.3x6mm (x3), 7,89x8mm (x3), 9.49x8mm (x3), 9.89x8mm (x3), 11.8x10mm (x3) |
| | 6.3x6mm (x5), 7,89x8mm (x5), 9.49x8mm (x5), 9.89x8mm (x5), 11.8x10mm (x5) |
| | 6x7,5mm (x3), 8x7,5mm (x6), 7.5x200mm (x3), 12x200mm (x1), 6x340mm (x2), 8x340mm (x6), 9.5x340mm (x2) |
| | 15-18mm (x12), 17-20mm (4) |
| | |

## 53599 — 31,00€

0.16 | 10 | 100 | -

### CAR AIR CONDITIONING SCHRADER VALVE CORE SET 134PCS

SPARE PARTS AVAILABLE



5x19mm R12 (x50) ■ , 5x19mm R12 (x30) ■ , 5x19mm (x30), 6x19mm (x3), 6x26mm (x1), 7x20mm R134A (x10), 6x22mm (x5), 8x22mm (x1), 9x22mm (x4)

## 53378 — 15,00€

0.45 | 6 | 24 | 672



### HOSE CLAMP ASSORTMENT 20PCS



| | |
|---|---|
| | 1" (x4), 2-1/2" (x2), 1-1/4" (x2), 3" (x2), 1-3/4" (x2), 3-1/2" (x2), 2" (x4), 4" (x2) |

## 53358 — 11,50€

0.35 | 6 | 24 | 672



### SPRING ASSORTMENT 200PCS



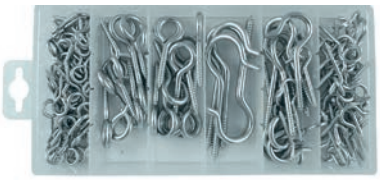
| | |
|---|---|
| | 5/16x1-3/4 (x12) |
| | 9/32x1/2 (x10), 1/4x13/32 (x10), 7/32x11/16 (x10), 7/32x1-1/2 (x10), 3/8x5/8 (x6), 3/8x3/4 (x12), 23/64x1-3/8 (x8), 9/32x3/4 (x10) |
| | 13/64x13/16 (x10), 7/32x1 (x10), 1/4x7/8 (x10), 5/16x1-1/8 (x8), 5/16x1-1/4 (x10), 3/16x1-3/4 (x8), 9/32x1-1/2 (x10), 11/32x1-7/16 (x10), 11/32x1-27/32 (x12), 9/32x2 (x12), 5/32x3-1/8 (x12) |

## 53352 — 12,00€

0.60 | 6 | 96 | 672



### EYE BOLT ASSORTMENT 151PCS



| | |
|---|---|
| | 2.4x41 (x50), 4x64 (x12), 4.2x85 (x5) |
| | 2.4x25 (x60), 4x45 (x12), 4x50 (x12) |

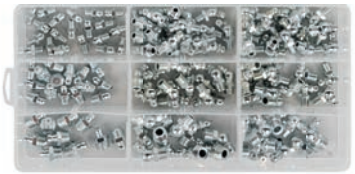
## 52033 — 46,00€

0.89 | 6 | 24 | 384



### GREASE NIPPLE FITTING ASSORMENT 135PCS

SPARE PARTS AVAILABLE



| | |
|---|---|
| | **90°:** 6x1 (x20), 8x1 (x15), 10x1 (x10) |
| | **0°:** 6x1 (x20), 8x1 (x15), 10x1 (x10) |
| | **45°:** 6x1 (x20), 8x1 (x15), 10x1 (x10) |

## 53359 — 17,00€

0.49 | 6 | 24 | 672



### GREASE NIPPLE FITTING ASSORMENT 110PCS



| | |
|---|---|
| | **90°:** 6x1 (x60), 8x1.25 (x10), 10x1.5 (x10) |
| | **0°:** 6x1 (x5), 8x1.25 (x5), 10x1.5 (x5) |
| | **45°:** 6x1 (x5), 8x1 (x5), 10x1 (x5) |

**54944** 17,50€

0.30 | 6 | 24 | 720



NEW

## 42PCS RUBBER CLAMP ASSORTMENT



5/16" (x8), 3/8" (x6), 1/4" (x20), 1/2" (x4), 5/8" (x4)

**54937** 21,00€

0.60 | 6 | 24 | 720



NEW

## CARABINER ASSORTMENT WITH SCREW LOCK 20PCS



1-3/8"x11/16" (x6), 1-5/8"x3/4" (x4), 3"x1-5/16" (x2), 2-9/16"x1-1/4" (x2), 1-15/16"x7/8" (x4), 2-3/4"x1-1/16" (x2)

**54935** 23,00€

0.40 | 6 | 12 | 720



NEW

## MINI HOSE CLAMP ASSORTMENT 56PCS



6-8mm (x10), 9-11mm (x10), 11-13mm (x10), 14-16mm (x10), 16-18mm (x10), 19-21mm (x6)

**54936** 12,50€

0.30 | 6 | 24 | 720



NEW

## TUBE CLAMP ASSORTMENT 34PCS



5/8" (16mm) (x8), 3/4" (19mm) (x8), 7/8" (22mm) (x6), 1-1/4" (32mm) (x4), 1" (25mm) (x4), 1-1/16" (28mm) (x4)

**53381** 16,00€

0.19 | 6 | 12 | 384



## FIBRE WASHER ASSORTMENT 600PCS



10x5.5x1 (x160), 16x10x1 (x80), 19x12x1 (x40), 22x16x1 (x30), 22.5x14x1 (x20), 32x22x1 (x20), 12x6.5x1 (x100), 16x8x1 (x60), 20x12.5x1 (x40), 27x20x1 (x20), 25.4x17.5x1 (x15), 32x24x1 (x15)

**54946** 12,50€

0.15 | 6 | 24 | 720



NEW

## 141PCS SEALING WASHER ASSORTMENT



1/2"x17mm (x5), 3/8"x8mm (x5), 1/2"x16mm (x10), 1/2"x19mm (x10), 3/4"-11x24x2mm (x10), 3/4"-15x24mm (x10), 1/4" (x5), 3/8"x10mm (x5), 1/2"x10mm (x5), 3/8" (x10), 21x17mm (x10), 3/8"x8mm (x10), 3/4", 16x24mm (x3), 1-1/2", 27x38mm (x3), 1/2" (x10), 1/2", 12x18mm (x5), 1-1/4", 30x39mm (x5), 1" (x5)



**50807** 38,00€

0.16 | 6 | 24 | 768



## AIR CONDITIONING RUBBER O-RING ASSORTMENT 270PCS



5.29x1.78 (x20), 6.07x1.78 (x20), 6.8x1.9 (x20), 7.65x1.78 (x20), 7.80x1.90 (x20), 8.0x2.0 (x20), 8.80x1.90 (x20), 10.82x1.78 (x15), 10.77x2.62 (x15), 11.0x2.0 (x15), 12.0x2.0 (x15), 13.9x1.80 (x10), 13.95x2.62 (x10), 14.0x2.0 (x10), 15.0x2.0 (x10), 17.0x2.0 (x10), 17.17x1.78 (x10), 17.04x3.53 (x10)

## 50651

20,00€

| 0.55 | 5 | 20 | 360 |
|---|---|---|---|



# METRIC O-RING SEALING GASKET WASHER SET 386PCS

| | CASE TOP | | | | | | CASE BASE | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Position in case | 006 | 007 | 008 | 009 | 010 | 011 | 211 | 212 | 213 | 214 | 215 | 216 |
| Rubber width (mm) | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Ø Inner (mm) | 3 | 4 | 5 | 6 | 7 | 8 | 20 | 22 | 24 | 25 | 27 | 28 |
| Quantity | 16 | 16 | 16 | 16 | 16 | 16 | 12 | 12 | 12 | 12 | 12 | 12 |
| Position in case | 113 | 112 | 111 | 110 | 012 | | 221 | 220 | 219 | 218 | 217 | |
| Rubber width (mm) | 2.5 | 2.5 | 2.5 | 2.5 | 2 | | 3 | 3 | 3 | 3 | 3 | |
| Ø Inner (mm) | 14 | 12 | 11 | 10 | 10 | | 36 | 35 | 33 | 32 | 30 | |
| Quantity | 13 | 13 | 13 | 13 | 17 | | 12 | 12 | 12 | 12 | 12 | |
| Position in case | 114 | 115 | 116 | 210 | | | 222 | 325 | 326 | 327 | | |
| Rubber width (mm) | 2.5 | 2.5 | 2.5 | 3 | | | 3 | 4 | 4 | 4 | | |
| Ø Inner (mm) | 16 | 17 | 19 | 19 | | | 38 | 38 | 41 | 44 | | |
| Quantity | 13 | 13 | 13 | 10 | | | 12 | 10 | 9 | 9 | | |




## 50652

20,00€

| 0.66 | 5 | 20 | 360 |
|---|---|---|---|



# IMPERIAL O-RING SEALING GASKET WASHER SET 382PCS

| | CASE TOP | | | | | | CASE BASE | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Position in case | 006 | 007 | 008 | 009 | 010 | 011 | 211 | 212 | 213 | 214 | 215 | 216 |
| Rubber width (mm) | 1/16 | 1/16 | 1/16 | 1/16 | 1/16 | 1/16 | 1/8 | 1/8 | 1/8 | 1/8 | 1/8 | 1/8 |
| Ø Inner (mm) | 1/8 | 5/32 | 3/16 | 7/32 | 1/4 | 5/16 | 13/16 | 7/8 | 15/16 | 1 | 11/16 | 11/18 |
| Quantity | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 |
| Position in case | 113 | 112 | 111 | 110 | 012 | | 221 | 220 | 219 | 218 | 217 | |
| Rubber width (mm) | 3/32 | 3/32 | 3/32 | 3/32 | 1/16 | | 1/8 | 1/8 | 1/8 | 1/8 | 1/8 | |
| Ø Inner (mm) | 9/16 | 1/2 | 7/16 | 3/8 | 3/8 | | 17/16 | 13/8 | 15/16 | 11/4 | 13/16 | |
| Quantity | 13 | 13 | 13 | 13 | 13 | | 10 | 10 | 10 | 10 | 10 | |
| Position in case | 114 | 115 | 116 | 210 | | | 222 | 325 | 326 | 327 | | |
| Rubber width (mm) | 3/32 | 3/32 | 3/32 | 1/8 | | | 1/8 | 3/16 | 3/16 | 3/16 | | |
| Ø Inner (mm) | 5/8 | 11/16 | 3/4 | 3/4 | | | 11/2 | 11/2 | 15/8 | 13/4 | | |
| Quantity | 13 | 13 | 13 | 10 | | | 10 | 7 | 7 | 7 | | |




## 53910

19,00€

| 0.25 | 6 | 24 | 480 |
|---|---|---|---|



# VACUUM CONNECTOR ASSORTMENT 113PCS

| STRAIGHT | |
|---|---|
| 4.8x4.8 | 10 |
| 6.3x6.3 | 8 |
| 7.9x7.9 | 6 |
| 9.5x9.5 | 6 |
| 3.17x3.17 | 30 |

| TEE | |
|---|---|
| 3.9x3.9x3.9 | 8 |
| 4.8x4.8x4.8 | 8 |
| 6.3x6.3x6.3 | 6 |
| 9.5x9.5x9.5 | 3 |
| 3.17x3.17x3.17 | 12 |

| REDUCER | |
|---|---|
| 9.5x6.3 | 6 |
| 6.3x4.8 | 10 |



## 53434

18,00€

| 0.15 | 6 | 24 | 672 |
|---|---|---|---|



# VACUUM CONNECTOR ASSORTMENT SET 65PCS

| | PCS |
|---|---|
| 4x28.7 | 10 |
| 3.9x30.8 | 5 |
| 10.4x44 | 10 |
| 5.6x47.1 | 5 |
| 7.9x38 | 10 |
| 4.7x38.9 | 5 |
| 5.2x33.9 | 10 |
| 7x30 | 10 |



## 54830 — 52,00€

| 0.26 | 5 | 20 | 400 |
|---|---|---|---|

NEW

### CASE WITH 85 RETURN CONNECTORS FOR DIESEL SYSTEMS



43x24mm (x5), 30,5x24mm (x10), 23,5x22,4mm (x15), 22x19,5mm (x15), 31x33mm (x10), 33,3x17,5mm (x10), 22x17,5mm (x15), 48x36,2mm (x5)

## 53992 — 18,00€

| 0.10 | 6 | 84 | 1512 |
|---|---|---|---|



### HEAT SHRINKA SOLDER SLEEVE SET 100PCS



| | |
|---|---|
| Ø1.7mm / 0.25-0.34mm2 / 26-24 AWG | 25 |
| Ø2.7mm / 0.5-1.0mm2 / 22-18 AWG | 35 |
| Ø4.7mm / 1.5-2.5mm2 / 16-14 AWG | 30 |
| Ø6.0mm / 4.0-6.0mm2 / 12-10 AWG | 10 |

## 53374 — 10,00€

| 0.15 | 6 | 24 | 672 |
|---|---|---|---|



### HEATING TUBE ASSORTMENT 127PCS

| | PCS |
|---|---|
| M2x40 | 30 |
| M2.5x40 | 25 |
| M3.5x40 | 20 |
| M5x40 | 20 |
| M7x80 | 16 |
| M10x80 | 8 |
| M13x85 | 8 |



## 53376 — 10,50€

| 0.15 | 6 | 24 | 816 |
|---|---|---|---|



### RED HEATING TUBE ASSORTMENT 127PCS

| | PCS |
|---|---|
| M2x40 | 30 |
| M2.5x40 | 25 |
| M3.5x40 | 20 |
| M5x40 | 20 |
| M7x80 | 16 |
| M10x80 | 8 |
| M13x85 | 8 |



| REF. | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|
| 51920 | GAS TORCH | 0.14 | 10 | 100 | 400 | 18,00€ |

## 53349 — 14,00€

| 0.25 | 6 | 24 | 672 |
|---|---|---|---|



### RUBBER GROMMET ASSORTMENT 125PCS

| Open rubber grommets: | PCS |
|---|---|
| M19,5x23 | 2 |
| M16x24 | 3 |
| M13x15 | 3 |
| M11,5x19 | 4 |
| M10x20 | 3 |
| M10x12 | 5 |
| M9,8x11,5 | 6 |
| M8x14 | 3 |
| M7,5x13 | 7 |
| M6x7,5 | 10 |
| M3,5x6 | 15 |

| Closed rubber grommets: | PCS |
|---|---|
| M25 | 2 |
| M22 | 3 |
| M19 | 4 |
| M15 | 5 |
| M12 | 10 |
| M9 | 20 |
| M7 | 20 |



## 53370 — 26,00€

| 0.30 | 6 | 12 | - |
|---|---|---|---|



### WHITE FLIP TOP CAP 180PCS

| | PCS |
|---|---|
| M2 | 25 |
| M3 | 25 |
| M4 | 30 |
| M5 | 30 |
| M6 | 30 |
| M8 | 20 |
| M10 | 20 |



## 54941 — 10,90€

0.20 | 6 | 24 | 720



NEW

### 28PCS ELECTRICAL CLIP ASSORTMENT



| | | | |
|---|---|---|---|
| ■ | 38mm (x3) 50mm (x3) | ■ | 10AMP (x1), 25AMP (x1), 30AMP (x1) |
| ■ | 38mm (x3) 50mm (x3) | ■ | 10AMP (x1), 25AMP (x1), 30AMP (x1) |
| | Mini (x10) | | |

## 54942 — 14,90€

0.15 | 6 | 24 | 720



NEW

### 65PCS QUICK WIRE SPLICE ASSORTMENT



| | | | |
|---|---|---|---|
| ■ | 22-18 A.W.G. (x20) | ■ | 18-14 A.W.G. (x20) |
| ■ | 18-14 A.W.G. (x20) | ■ | 12-10 A.W.G. (x5) |

## 54940 — 13,00€

0.25 | 6 | 24 | 720



NEW

### 158PCS THREADED CABLE CONNECTOR KIT



| | | | |
|---|---|---|---|
| ■ | 2x#22 (x20), 2x#16 (x20) | ■ | 2x#18 (x9), 4x#14 & 1x#18 (x9) |
| ■ | 2x#22 (x20), 3x#16 (x20) | ■ | 2x#14 (x5), 2x#10 & 2x#12 (x5) |
| ■ | 1x#18 & 1x#20 (x25), 4x#16 & 1x#20 (x25) | | |

## 53355 — 11,50€

0.15 | 6 | 24 | 672



### MINI FUSE ASSORTMENT 120PCS



5A (x20), 10A (x20), 15A (x20), 20A (x20), 25A (x20), 30A (x20)

## 53356 — 12,00€

0.25 | 6 | 24 | 672



### AUTO FUSE ASSORTMENT 120PCS

SPARE PARTS AVAILABLE



| | |
|---|---|
| | 5A (x20), 10A (x20) |
| | 20A (x20), 25A (x20), 30A (x20) |
| | 15A (x20) |

## 53367 — 9,50€

0.10 | 6 | 24 | 1560



### AUTO FUSE ASSORTMENT 48PCS



| | |
|---|---|
| | 5A (x8), 10A (x8), 15A (x8) |
| | 20A (x8), 25A (x8), 30A (x8) |

## 53368 — 9,00€

0.10 | 6 | 24 | 1368



### MINI FUSE ASSORTMENT 50PCS



5A (x8), 10A (x8), 15A (x8), 20A (x8), 25A (x8), 30A (x10)

## 53380 — 12,40€

0.15 | 6 | 24 | 672



### MINI FUSE ASSORTMENT 120PCS



5A (x20), 10A (x20), 15A (x20), 20A (x20), 25A (x20), 30A (x20)

## 52053

45,00€

| 0.55 | 6 | 24 | 576 |
|---|---|---|---|



# INSULATED ELECTRICAL WIRE CONNECTOR ASSORTMENT 635PCS

| | | |
|---|---|---|
| RV1.25-4S | red | 50 |
| RV2-4S | blue | 50 |
| RV2-6S | blue | 30 |
| RV5.5-6S | yellow | 20 |
| RV5.5-5S | yellow | 20 |
| RV2-5S | blue | 40 |
| BV5.5 | yellow | 15 |
| BV2 | blue | 25 |
| BV1.25 | red | 30 |

| | | |
|---|---|---|
| FDD1.25-250 | red | 45 |
| FDD2-250 | blue | 40 |
| FDD5.5-250 | yellow | 25 |
| MDD1.25-250 | red | 50 |
| MDD2-250 | blue | 50 |
| MDD5.5-250 | yellow | 30 |
| SV1-4S | red | 50 |
| SV2-4S | blue | 40 |
| FDFN 1.25-250 | purple | 25 |

SPARE PARTS AVAILABLE



## 52054

17,00€

| 0.30 | 6 | 24 | 672 |
|---|---|---|---|



# FUSE ASSORTMENT 252PCS

| | | |
|---|---|---|
| 3A | blue | 20 |
| 4A | red | 20 |
| 5A | brown | 20 |
| 7,5A | orange | 20 |
| 10A | pink | 20 |
| 15A | blue | 20 |
| 20A | yellow | 20 |
| 25A | grey | 20 |
| 30A | green | 20 |

| | | |
|---|---|---|
| 4A | pink | 8 |
| 5A | orange | 8 |
| 3A | purple | 8 |
| 7,5A | brown | 8 |
| 10A | red | 8 |
| 15A | blue | 8 |
| 20A | yellow | 8 |
| 25A | grey | 8 |
| 30A | green | 8 |

SPARE PARTS AVAILABLE




## 53357

7,00€

| 0.01 | 6 | 24 | 1080 |
|---|---|---|---|

# SET OF 2 ELECTRICAL CLIP ASSORTMENT



| | |
|---|---|
| **Pieces** | 2 |
| **Amperes** | 30AMP |
| **Lenght** | 100mm |
| **Weight** | 0,01Kg |

## 53385

19,30€

| 0.15 | 6 | 54 | 1026 |
|---|---|---|---|

# TRIM CLIP REMOVER



| | |
|---|---|
| **Pieces** | 1 |
| **Material** | Cr-V |
| **Lenght** | 170mm |
| **Opening** | 27mm |
| **Weight** | 0,15Kg |

## 52851

9,65€

| 0.35 | 6 | 60 | 600 |
|---|---|---|---|

# SET OF 2 LEVERS




| | |
|---|---|
| **Pieces** | 2 |
| **Weight** | 0,35Kg |
| **Dimensions (LxWxH)** | 310x103x30mm |

## 53110

29,50€

| 1.42 | 6 | 12 | 168 |
|---|---|---|---|

# SET OF 6 LEVERS



| | |
|---|---|
| **Pieces** | 6 |
| **Weight** | 1,42Kg |
| **Dimensions (LxWxH)** | 600x250x40mm |

UNITS IN THE CASE | UNITS PER SPARE PARTS BAG | PRESENTATION IN A DISPLAY

## 52896

27,50€

0.17 | 6 | 24 | 672

### PLASTIC CLIPS SET FOR MAZDA 190PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13104 | OE:2042301 | 8 | 8 | 3,70€ |
| 13105 | OE:999100402 | 15 | 15 | 5,60€ |
| 13106 | OE:B0016830200 | 8 | 8 | 4,40€ |
| 13107 | OE:N30413356A | 8 | 8 | 4,40€ |
| 13108 | OE:992640543A | 20 | 20 | 4,10€ |
| 13109 | OE:99249051B | 30 | 30 | 6,30€ |
| 13110 | OE:6508197AA | 15 | 15 | 3,90€ |
| 13111 | OE:B1016825200 | 10 | 10 | 2,45€ |
| 13112 | OE:B09251833 | 6 | 6 | 2,75€ |
| 13113 | OE:992640543A | 20 | 20 | 4,80€ |
| 13114 | OE:B45556741 | 20 | 20 | 4,75€ |
| 13115 | OE:G03158762 | 30 | 30 | 5,30€ |




TECHNICAL INFORMATION



## 52886

18,00€

0.18 | 6 | 24 | 504

### PLASTIC CLIPS SET FOR TOYOTA / LEXUS 89PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13002 | OE:9018906001 | 8 | 8 | 2,65€ |
| 13003 | OE:9046707138 | 5 | 4 | 3,70€ |
| 13004 | OE:9046707117 | 10 | 10 | 3,40€ |
| 13005 | OE:9046709138 | 10 | 10 | 2,60€ |
| 13006 | OE:9046709101 | 5 | 5 | 2,75€ |
| 13007 | OE:7552161l000 | 10 | 10 | 2,75€ |
| 13008 | OE:7503933060 | 8 | 8 | 5,00€ |
| 13009 | OE:9017905060 | 4 | 4 | 3,70€ |
| 13010 | OE:677711250 | 8 | 8 | 3,05€ |
| 13011 | OE:9046708124 | 5 | 5 | 2,55€ |
| 13012 | OE:7539533030 | 8 | 8 | 4,00€ |
| 13013 | OE:9046711063 | 8 | 8 | 3,90€ |




TECHNICAL INFORMATION



## 52887

22,00€

0.18 | 6 | 24 | 672

### PLASTIC CLIPS SET FOR HONDA 150PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13014 | OE:75103SJ4003 | 12 | 12 | 3,15€ |
| 13015 | OE:90675SB003 | 5 | 5 | 2,45€ |
| 13016 | OE:91566SP0003 | 6 | 6 | 2,45€ |
| 13017 | OE:91513SE003 | 25 | 25 | 5,60€ |
| 13018 | OE:91530ST5003 | 25 | 25 | 2,90€ |
| 13019 | OE:90687SA50030 | 15 | 15 | 3,70€ |
| 13020 | OE:91620SR2003 | 8 | 8 | 3,80€ |
| 13021 | OE:38529689A6300 | 8 | 8 | 2,85€ |
| 13022 | OE:90683SA5003 | 10 | 10 | 4,00€ |
| 13023 | OE:90672671003 | 10 | 10 | 3,25€ |
| 13024 | OE:91534SE0000 | 18 | 18 | 5,40€ |
| 13025 | OE:34355SD2003 | 8 | 8 | 3,35€ |




TECHNICAL INFORMATION





## 52899

34,00€

| 0.50 | 6 | 24 | 336 |
|---|---|---|---|

# PLASTIC CLIPS SET FOR PEUGEOT/CITROEN 345 PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 13128 | OE:947098 | 50 | 50 | 3,70€ |
| 13129 | OE:856535 | 20 | 20 | 4,40€ |
| 13130 | OE:6991W4 | 20 | 20 | 7,90€ |
| 13131 | - | 20 | 20 | 5,40€ |
| 13132 | OE:694143 | 25 | 25 | 5,30€ |
| 13133 | OE:743707 | 35 | 35 | 7,70€ |
| 13134 | OE:7703074022 | 30 | 30 | 8,90€ |
| 13135 | OE:7703077059 | 35 | 35 | 7,70€ |
| 13136 | OE:698317 | 15 | 15 | 5,50€ |
| 13137 | OE:699502 | 25 | 25 | 4,95€ |
| 13138 | OE:6995X3 | 30 | 30 | 5,50€ |
| 13139 | OE:69945 | 40 | 40 | 8,50€ |




TECHNICAL INFORMATION



## 52900

34,50€

| 0.50 | 6 | 24 | 288 |
|---|---|---|---|

# PLASTIC CLIPS SET FOR FIAT 308PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 13140 | OE:14591784 | 30 | 30 | 5,70€ |
| 13141 | OE:1459487 | 20 | 10 | 3,90€ |
| 13142 | OE:1300433650 | 25 | 25 | 6,50€ |
| 13143 | OE:71717421 | 8 | 8 | 4,50€ |
| 13144 | OE:82456515 | 25 | 25 | 4,75€ |
| 13145 | OE:5757139 | 25 | 25 | 8,50€ |
| 13146 | - | 20 | 8 | 9,90€ |
| 13147 | OE:46306526 | 25 | 25 | 6,90€ |
| 13148 | OE:14591687 | 25 | 25 | 7,00€ |
| 13149 | OE:14592387 | 25 | 25 | 6,10€ |
| 13150 | OE:83468473 | 30 | 30 | 4,80€ |
| 13151 | OE:7677865 | 50 | 30 | 11,90€ |




TECHNICAL INFORMATION



## 52901

35,00€

| 0.48 | 6 | 24 | 216 |
|---|---|---|---|

# PLASTIC CLIPS SET FOR VOLVO 350PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 13152 | OE:8099905N07 | 25 | 25 | 6,90€ |
| 13153 | OE:4292906 | 30 | 30 | 6,60€ |
| 13154 | OE:12681763 | 20 | 20 | 7,20€ |
| 13155 | OE:51131804205 | 40 | 40 | 12,60€ |
| 13156 | OE:947098 | 40 | 40 | 7,20€ |
| 13157 | OE:591740 | 40 | 40 | 8,50€ |
| 13158 | OE:6384801G00 | 25 | 25 | 7,90€ |
| 13159 | OE:9133417 | 20 | 20 | 6,20€ |
| 13160 | OE:9133073 | 40 | 40 | 11,20€ |
| 13161 | OE:3272075327462B | 30 | 30 | 7,90€ |
| 13162 | OE:327462A | 20 | 20 | 5,90€ |
| 13163 | OE:3923712 | 20 | 20 | 6,30€ |




TECHNICAL INFORMATION



## 52889

19,00€

| 0.18 | 6 | 24 | 504 |
|---|---|---|---|

### PLASTIC CLIPS SET FOR VOLKSWAGEN 85PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 13038 | OE:1H0868243B | 2 | 2 | 2,85€ |
| 13039 | OE:N90833801 | 10 | 10 | 2,95€ |
| 13040 | OE:3A0853575 | 8 | 8 | 3,90€ |
| 13041 | OE:4A0853825 | 5 | 5 | 3,50€ |
| 13042 | OE:6U085733 | 15 | 15 | 4,05€ |
| 13043 | OE:3B0853576 | 3 | 3 | 2,65€ |
| 13044 | OE:1H0819055B01C | 6 | 6 | 3,40€ |
| 13045 | OE:443853909A | 5 | 5 | 2,60€ |
| 13046 | OE:171885767 | 6 | 6 | 3,40€ |
| 13047 | OE:N9020160H | 5 | 5 | 2,75€ |
| 13048 | OE:N0385501 | 10 | 10 | 3,70€ |
| 13049 | OE:191941142 | 10 | 10 | 4,45€ |




TECHNICAL INFORMATION



## 52891

28,00€

| 0.16 | 6 | 24 | 672 |
|---|---|---|---|

### PLASTIC CLIPS SET FOR FORD 169PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 13056 | OE:388577S | 8 | 8 | 3,20€ |
| 13057 | OE:N801925S | 5 | 5 | 3,30€ |
| 13058 | OE:N806289S | 20 | 20 | 4,75€ |
| 13059 | OE:N379830S | 20 | 20 | 5,20€ |
| 13060 | OE:1007932 | 5 | 5 | 2,65€ |
| 13061 | OE:16500308 | 20 | 20 | 5,50€ |
| 13062 | OE:N803170S | 20 | 20 | 5,20€ |
| 13063 | OE:W706713S300 | 6 | 6 | 2,45€ |
| 13064 | OE:N388246S | 20 | 20 | 5,70€ |
| 13065 | OE:F22Z16774A | 15 | 15 | 4,30€ |
| 13066 | OE:1673046 | 5 | 5 | 4,00€ |
| 13067 | OE:F1CZ16674A | 25 | 25 | 5,60€ |




TECHNICAL INFORMATION



## 52894

22,00€

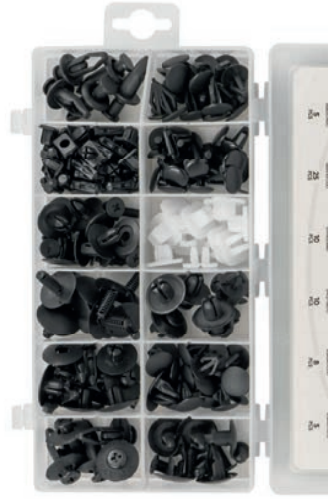
| 0.15 | 6 | 24 | 672 |
|---|---|---|---|

### PLASTIC CLIPS SET FOR NISSAN 139PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 13080 | OE:76906T300 | 15 | 15 | 3,70€ |
| 13081 | OE:0155300172 | 20 | 20 | 5,10€ |
| 13082 | OE:68425H5000 | 10 | 10 | 2,95€ |
| 13083 | OE:75521611000 | 6 | 6 | 2,95€ |
| 13084 | OE:62869N4700 | 20 | 20 | 4,40€ |
| 13085 | OE:6384401A00 | 5 | 5 | 2,95€ |
| 13086 | OE:7688257A00 | 5 | 5 | 2,85€ |
| 13087 | OE:6684101G00 | 25 | 25 | 7,30€ |
| 13088 | OE:1099830880 | 10 | 10 | 5,10€ |
| 13089 | OE:8942798070 | 10 | 10 | 3,20€ |
| 13090 | OE:6384801G00 | 8 | 8 | 3,80€ |
| 13091 | OE:6385401A00 | 5 | 5 | 2,75€ |




TECHNICAL INFORMATION



## 52890

22,00€

0.16 | 6 | 24 | 504

### PLASTIC CLIPS SET FOR AUDI 31PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13050 | OE:3B0868243 | 5 | 15 | 3,90€ |
| 13051 | OE:1H0867199A | 5 | 20 | 2,75€ |
| 13052 | OE:1H0868243B | 3 | 3 | 2,65€ |
| 13053 | OE:357853575 | 10 | 10 | 5,70€ |
| 13054 | OE:1H0853585A | 5 | 5 | 5,20€ |
| 13055 | OE:3A0853575 | 3 | 3 | 6,80€ |




TECHNICAL INFORMATION



## 52892

22,00€

0.17 | 6 | 24 | 672

### PLASTIC CLIPS SET FOR BMW 95PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13068 | OE:51311802258 | 25 | 25 | 6,00€ |
| 13069 | OE:5131804205 | 30 | 30 | 9,90€ |
| 13070 | OE:51118174185 | 10 | 10 | 3,50€ |
| 13071 | OE:51481938725 | 10 | 10 | 3,80€ |
| 13072 | OE:703867299 | 15 | 15 | 4,85€ |
| 13073 | OE:51131960054 | 5 | 5 | 4,75€ |




TECHNICAL INFORMATION



## 52897

38,00€

0.43 | 6 | 24 | 336

### PLASTIC CLIPS SET FOR RENAULT 300PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13116 | OE:7703077421 | 50 | 50 | 11,90€ |
| 13117 | - | 50 | 50 | 7,70€ |
| 13118 | OE:7703081184 | 60 | 60 | 36,50€ |
| 13119 | - | 15 | 15 | 12,90€ |
| 13120 | OE:7703074022 | 60 | 60 | 11,90€ |
| 13121 | OE:7703077059 | 65 | 65 | 19,30€ |




TECHNICAL INFORMATION



## 52898

36,00€

0.45 | 6 | 24 | 360

### PLASTIC CLIPS SET FOR VAUXHALL/OPEL 300PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13122 | OE:90218614 | 20 | 20 | 4,30€ |
| 13123 | OE:174864 | 40 | 40 | 10,50€ |
| 13124 | OE:N0385501 | 100 | 100 | 18,30€ |
| 13125 | OE:2345959 | 50 | 50 | 11,00€ |
| 13126 | OE:2240582 | 50 | 50 | 5,30€ |
| 13127 | OE:180942 | 40 | 40 | 12,60€ |




TECHNICAL INFORMATION



## 52893

26,00€

| 0.20 | 6 | 24 | 504 |
|---|---|---|---|
| Kg. | SUB | 1 | |

# PLASTIC CLIPS SET FOR BENZ 95PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13074 | OE:A0019884481 | 30 | 30 | 9,80€ |
| 13075 | OE:A0019882981 | 20 | 20 | 11,90€ |
| 13076 | OE:A1249900492 | 15 | 15 | 7,20€ |
| 13077 | OE:A0019888081 | 4 | 4 | 5,80€ |
| 13078 | OE:A1249880492 | 6 | 6 | 5,80€ |
| 13079 | OE:A0019880325 | 20 | 20 | 7,20€ |




TECHNICAL INFORMATION



## 52895

22,00€

| 0.19 | 6 | 24 | 1500 |
|---|---|---|---|
| Kg. | SUB | 1 | |

# PLASTIC CLIPS SET FOR MITSUBISHI 134PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13092 | OE:8942180270 | 15 | 50 | 3,55€ |
| 13093 | OE:9018905013 | 30 | 30 | 6,30€ |
| 13094 | OE:MU480033 | 10 | 10 | 3,25€ |
| 13095 | OE:128100231 | 8 | 6 | 2,75€ |
| 13096 | OE:MU480034 | 8 | 8 | 3,80€ |
| 13097 | OE:MR138807 | 3 | 3 | 2,65€ |
| 13098 | OE:MB253964 | 4 | 4 | 3,50€ |
| 13099 | OE:HB121467 | 30 | 30 | 5,80€ |
| 13100 | OE:MB271999 | 3 | 3 | 2,75€ |
| 13101 | OE:MB696120 | 8 | 8 | 3,20€ |
| 13102 | OE:MR200300 | 5 | 5 | 2,65€ |
| 13103 | OE:MB846992 | 10 | 10 | 3,90€ |




TECHNICAL INFORMATION



## 52888

24,00€

| 0.17 | 6 | 24 | 672 |
|---|---|---|---|
| Kg. | SUB | 1 | |

# UNIVERSAL PLASTIC CLIPS SET 128PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 13026 | OE:388577S | 8 | 8 | 2,65€ |
| 13027 | - | 10 | 10 | 4,00€ |
| 13028 | OE:6003423 | 6 | 6 | 2,85€ |
| 13029 | OE:VW:N989022 CHRYSLER: 6003349 FORD:385661 | 6 | 6 | 3,50€ |
| 13030 | OE:CHRYSLER: 6502328 GM:20699808 | 25 | 25 | 5,90€ |
| 13031 | OE:N804379S | 4 | 4 | 3,80€ |
| 13032 | OE:FORD:F22Z16774A MAZDA:6508197AA | 15 | 15 | 4,35€ |
| 13033 | OE:GM:16674629 FORD:N806113S | 10 | 10 | 3,60€ |
| 13034 | OE:0153301781 | 20 | 20 | 5,80€ |
| 13035 | OE:GM:10124502 BMW:52201964201 LAND ROVER:DZM10080 | 6 | 6 | 3,05€ |
| 13036 | OE:VW:N9020160H BMW:51471904317 OPEL:2207713 | 6 | 6 | 2,65€ |
| 13037 | - | 12 | 12 | 4,30€ |




TECHNICAL INFORMATION



## 53720

19,00€

0.20 | 6 | 24 | 672

### BMW/MINI UPHOLSTERY CLIP ASSORTMENT 112PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14447 | OE: 51471911992 | 7 | 6 | 2,75€ |
| 14449 | OE: 51717002953 | 13 | 10 | 4,85€ |
| 14471 | OE: 51489119216 | 5 | 5 | 4,35€ |
| 14472 | OE: A0009905492 | 5 | 5 | 3,00€ |
| 14474 | OE: 51118174185 | 8 | 8 | 3,40€ |
| 14475 | OE: 2019900050 | 6 | 6 | 3,70€ |
| 14476 | OE: 51481915964 | 9 | 9 | 4,65€ |
| 14477 | OE: 0009881625 | 15 | 15 | 5,70€ |
| 14478 | OE: 7146976114 | 15 | 15 | 9,40€ |
| 14479 | OE: 91503SP0003 | 6 | 6 | 3,70€ |
| 14480 | - | 15 | 15 | 4,65€ |
| 14481 | OE: 51161943122 | 8 | 8 | 3,60€ |




TECHNICAL INFORMATION



## 53719

19,00€

0.15 | 6 | 24 | 672

### BMW/MINI DOOR PANEL/MOLDING CLIP ASSORTMENT 92PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14359 | - | 8 | 8 | 2,05€ |
| 14458 | - | 6 | 6 | 3,80€ |
| 14459 | OE: 7147122912 | 2 | 2 | 3,20€ |
| 14460 | OE: 51411973500 | 8 | 8 | 2,45€ |
| 14461 | - | 8 | 8 | 3,00€ |
| 14462 | - | 8 | 8 | 3,70€ |
| 14463 | OE: 611769 | 10 | 10 | 3,70€ |
| 14464 | OE: 7147145753 | 10 | 10 | 3,40€ |
| 14465 | - | 8 | 8 | 4,55€ |
| 14466 | OE: 51418224768 | 8 | 4 | 3,70€ |
| 14468 | - | 8 | 8 | 2,85€ |
| 14469 | OE: 7147133419 | 8 | 8 | 3,30€ |




TECHNICAL INFORMATION



## 53718

19,00€

0.20 | 6 | 24 | 672

### MERCEDES-BENZ UPHOLSTERY CLIP ASSORTMENT 151PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14422 | OE: A0009913940 | 20 | 20 | 3,40€ |
| 14446 | OE: 9903492 | 6 | 6 | 6,40€ |
| 14447 | OE: 51471911992 | 12 | 12 | 2,75€ |
| 14448 | OE: N105835019B9 | 10 | 10 | 4,65€ |
| 14449 | OE: A0009905492 | 12 | 12 | 4,85€ |
| 14450 | OE: N0385012 | 12 | 12 | 4,85€ |
| 14451 | OE: A1239900092 | 25 | 25 | 4,85€ |
| 14452 | - | 20 | 20 | 5,90€ |
| 14453 | - | 6 | 6 | 7,00€ |
| 14455 | - | 12 | 12 | 4,85€ |
| 14456 | - | 6 | 6 | 3,00€ |
| 14457 | OE: A1249900492 | 10 | 10 | 3,80€ |




TECHNICAL INFORMATION



## 53717

19,00€

0.15 | 6 | 24 | 672

# MERCEDES-BENZ DOOR PANEL/MOLDING CLIP ASSORTMENT 96PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14434 | - | 8 | 8 | 3,40€ |
| 14435 | - | 6 | 6 | 3,30€ |
| 14436 | OE: A0009910198 | 8 | 8 | 3,80€ |
| 14437 | OE: A0019912698 | 6 | 6 | 3,30€ |
| 14438 | OE: A0089880978 | 8 | 8 | 3,00€ |
| 14439 | OE: 0069884378 | 8 | 8 | 3,90€ |
| 14440 | - | 8 | 8 | 3,90€ |
| 14441 | OE: 0019884981 | 10 | 10 | 3,70€ |
| 14442 | - | 6 | 6 | 3,30€ |
| 14443 | - | 8 | 8 | 3,20€ |
| 14444 | OE: 0019886081 | 10 | 10 | 4,35€ |
| 14445 | - | 10 | 10 | 3,20€ |




TECHNICAL INFORMATION



## 53716

19,00€

0.15 | 6 | 24 | 672

# VAG/SEAT/SKODA DOOR PANEL/MOLDING/UPHOLSTERY CLIP ASSORTMENT 79PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14422 | OE: A0009913940 | 6 | 6 | 3,40€ |
| 14423 | OE: 6E0837732 | 15 | 15 | 8,30€ |
| 14424 | - | 7 | 7 | 4,20€ |
| 14425 | OE: 6Q0868243 | 2 | 2 | 4,10€ |
| 14426 | OE: 171201969 | 8 | 8 | 4,35€ |
| 14427 | OE: 4D0807300 | 8 | 4 | 2,65€ |
| 14428 | OE: 251823717 | 12 | 12 | 3,10€ |
| 14429 | - | 6 | 6 | 4,10€ |
| 14430 | OE: 8E0821989A | 3 | 3 | 5,20€ |
| 14431 | OE: 3B0868243 | 2 | 2 | 3,20€ |
| 14432 | OE: 1H0823171 | 10 | 10 | 3,20€ |




TECHNICAL INFORMATION



## 53715

19,00€

0.15 | 6 | 24 | 672

# PEUGEOT/CITROËN UPHOLSTERY CLIP ASSORTMENT 110PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14410 | - | 10 | 10 | 3,80€ |
| 14411 | - | 10 | 5 | 3,80€ |
| 14412 | - | 10 | 10 | 3,80€ |
| 14413 | - | 10 | 10 | 7,60€ |
| 14414 | OE: 2346824 | 10 | 10 | 3,80€ |
| 14415 | OE: A1249900492 | 10 | 10 | 3,70€ |
| 14416 | OE: 6992C6 | 10 | 5 | 2,45€ |
| 14419 | - | 15 | 15 | 4,45€ |
| 14420 | - | 15 | 15 | 3,40€ |
| 14421 | OE: 14093311 | 10 | 10 | 5,70€ |




TECHNICAL INFORMATION



## 53714

16,00€

0.15 | 6 | 24 | 672

### PEUGEOT/CITROËN MOLDING CLIP ASSORTMENT 80PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14398 | OE: 6995X3 | 8 | 8 | 2,85€ |
| 14399 | OE: 129943 | 12 | 6 | 4,35€ |
| 14402 | OE: 856548 | 8 | 8 | 3,00€ |
| 14404 | OE: 71728806 | 8 | 8 | 4,35€ |
| 14405 | OE: 968865987703 | 16 | 8 | 3,20€ |
| 14406 | OE: 856540 | 10 | 10 | 3,50€ |
| 14408 | OE: 856534 | 10 | 10 | 3,20€ |
| 14409 | OE: 357853586 | 8 | 8 | 3,00€ |




TECHNICAL INFORMATION



## 53713

16,00€

0.15 | 6 | 24 | 672

### PEUGEOT/CITROËN DOOR PANEL CLIP ASSORTMENT 93PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14350 | OE: 6991Y8 | 6 | 6 | 3,70€ |
| 14358 | OE: PG 6991Y8<br>CT 6991Y8<br>FIAT 9654280780<br>RENAULT 703077469 | 10 | 10 | 4,10€ |
| 14387 | - | 8 | 8 | 3,20€ |
| 14388 | OE: 7703077250 | 8 | 8 | 4,65€ |
| 14389 | OE: 6995A3 | 6 | 6 | 2,75€ |
| 14390 | - | 6 | 6 | 3,00€ |
| 14391 | - | 15 | 15 | 4,95€ |
| 14392 | - | 6 | 6 | 3,00€ |
| 14393 | - | 8 | 8 | 3,40€ |
| 14395 | - | 8 | 8 | 3,70€ |
| 14396 | - | 6 | 6 | 2,55€ |
| 14397 | - | 6 | 6 | 3,00€ |




TECHNICAL INFORMATION



## 53712

16,00€

0.15 | 6 | 24 | 672

### RENAULT/DACIA UPHOLSTERY CLIP ASSORMTENT 109PCS

| REF. | DESCRIPTION | | | €/ |
|---|---|---|---|---|
| 14374 | OE: 7703077435 | 3 | 3 | 3,30€ |
| 14375 | - | 15 | 15 | 4,20€ |
| 14376 | OE: 7L6868307 | 20 | 20 | 6,00€ |
| 14377 | - | 10 | 10 | 4,35€ |
| 14378 | OE: 7703077117 | 12 | 12 | 4,35€ |
| 14379 | - | 6 | 6 | 3,30€ |
| 14381 | - | 10 | 10 | 3,80€ |
| 14382 | OE: 7703077153 | 6 | 6 | 4,20€ |
| 14383 | OE: 7703072360 | 10 | 10 | 2,35€ |
| 14384 | OE: W705956S300 | 12 | 12 | 4,55€ |
| 14416 | OE: 6992C6 | 5 | 5 | 2,45€ |




TECHNICAL INFORMATION



## 53711

16,00€

| 0.20 | 6 | 24 | 672 |
|---|---|---|---|

# RENAULT/DACIA MOLDING CLIP ASSORTMENT 90PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 14356 | OE: RENAULT 7703077368 OPEL 4430858 | 10 | 10 | 4,35€ |
| 14358 | OE: PG 6991Y8 CT 6991Y8 FIAT 9654280780 RENAULT 703077469 | 12 | 10 | 4,10€ |
| 14364 | OE: OP 7701470779 NI 7703077421 RENAULT 7703077421 IV 500326896 | 10 | 10 | 4,35€ |
| 14365 | OE: OP 7701470779 NI 7703077421 RENAULT 7703077421 IV 500326896 | 10 | 10 | 4,35€ |
| 14366 | OE: PG 6991Y8 CT 6991Y8 FIAT 9654280780 RENAULT 703077469 | 8 | 8 | 3,20€ |
| 14367 | - | 3 | 3 | 2,85€ |
| 14368 | OE: 7L5853994 | 8 | 8 | 3,20€ |
| 14369 | OE: 7701061797 | 15 | 15 | 11,60€ |
| 14370 | - | 3 | 3 | 6,90€ |
| 14371 | - | 3 | 3 | 6,90€ |
| 14372 | - | 4 | 4 | 2,65€ |
| 14373 | - | 4 | 4 | 3,00€ |




TECHNICAL INFORMATION



## 53710

16,00€

| 0.20 | 6 | 24 | 672 |
|---|---|---|---|

# RENAULT/DACIA DOOR PANEL CLIP ASSORTMENT 85PCS

| REF. | DESCRIPTION | | | €/△ |
|---|---|---|---|---|
| 14350 | OE: 6991Y8 | 12 | 6 | 3,70€ |
| 14351 | - | 8 | 15 | 3,70€ |
| 14352 | OE: 51447780135 | 7 | 7 | 2,85€ |
| 14353 | OE: 7703077476 | 8 | 2 | 4,75€ |
| 14355 | OE: 7703077354 | 8 | 8 | 3,80€ |
| 14356 | OE: RENAULT 703077368 OPEL 4430858 | 10 | 4 | 4,35€ |
| 14357 | OE: 7703077430 | 10 | 12 | 4,35€ |
| 14358 | OE: PG 6991Y8 CT 6991Y8 FIAT 9654280780 RENAULT 703077469 | 10 | 6 | 4,10€ |
| 14359 | OE: 51418224768 | 4 | 3 | 2,05€ |
| 14361 | - | 8 | 15 | 3,80€ |




TECHNICAL INFORMATION



## 16294

14,00€

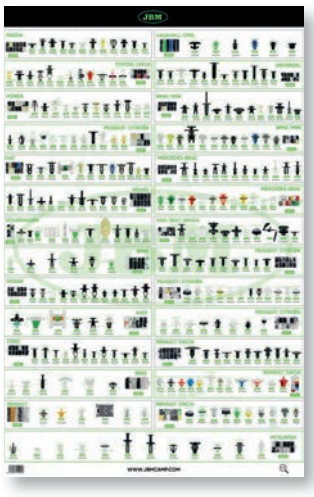
| 0.17 | - | 50 | 900 |
|---|---|---|---|

# POSTER CLIPS REAL SIZE

| | |
|---|---|
| **Pieces** | 1 |
| **Material** | Papel plastificado/Laminated paper |
| **Weight** | 0,17Kg |
| **Dimensions (LxH)** | 1000x640mm |








TAMAÑO REAL DE LOS CLIPS
CLIPS REAL SIZE

# PROMOTIONAL


**454** PROMOTIONAL PRODUCTS

**456** DISPLAYS / ACCESSORIES

**457** WORK CLOTHING

**458** PACKAGING




## 53956 — 353,00€

21.50 | - | 1 | 7

### JBM SWIVEL CHAIR






SPARE PARTS AVAILABLE

| | |
|---|---|
| **Material** | PU |
| **Capacity** | 200Kg |
| **Weight** | 21,50Kg |
| **Dimensions (LxWxH)** | 840x650x330mm |

## 15789 — 2.492,00€

40.50 | - | 1 | 6

### JBM PROMOTIONAL SCREEN



| | |
|---|---|
| **Panel size** | 43* |
| **Resolution** | 1920x1080FHD |
| **Brightness** | 350nits |
| **Response time** | 5ms |
| **Service life** | 50000h |
| **Weight** | 40,50Kg |
| **Dimensions (LxWxH)** | 610x450x1850mm |

## 53973 — 284,00€

18.40 | - | 1 | 31

### JBM FOLDING STAND TENT 3X3M




SPARE PARTS AVAILABLE

| | |
|---|---|
| **Material** | PL |
| **Weight** | 18,40Kg |
| **Dimensions (LxWxH)** | 3x3x3m |

## 15152 — 160,00€

0.75 | - | 5 | -9

### SIDE COVER FOR JBM FOLDING STAND TENT (REF. 53973)






| | |
|---|---|
| **Material** | PL |
| **Weight** | 0,75Kg |
| **Dimensions (LxWxH)** | 495x360x60mm |

## 54506 — 46,50€

2.20 | - | 1 | 72

### JBM 3M ADVERTISING BANNER




| | |
|---|---|
| **Lenght** | 3m |
| **Weight** | 2,20Kg |

## 54507 — 74,00€

2.80 | - | 1 | 76

### JBM 5M ADVERTISING BANNER




| | |
|---|---|
| **Lenght** | 5m |
| **Weight** | 2,80Kg |

## 54672 — 189,00€

7.85 | - | 2 | 12

### DUAL DIGITAL AIR FRYER 9L





SPARE PARTS AVAILABLE

| | |
|---|---|
| **Capacity** | 9L |
| **Number of presets** | 8 |
| **Power** | 1800W |
| **Voltage** | 220-240V |
| **Operating temperature** | 80-200°C |
| **Weight** | 7,20Kg |
| **Dimensions (LxWxH)** | 420x383x316mm |

## 54889 — 135,00€

2.80 | - | 4 | 48

NEW

### CAPSULE COFFEE MAKER



| | |
|---|---|
| **Compatible with** | Cápsulas monodosis/Single-dose capsules |
| **Extraction** | Espresso / Lungo |
| **Maximum pressure** | 20Bar |
| **Voltage** | 220-240V |
| **Frequency** | 50Hz |
| **Power** | 1350W |
| **Weight** | 2,50Kg |
| **Dimensions (LxWxH)** | 330x116x228mm |

## 14975 — 70,00€

2.95 | - | 4 | 80

### HAM HOLDER



| | |
|---|---|
| **Weight** | 2,95Kg |
| **Dimensions (LxWxH)** | 500x330x440mm |

## 13968 — 1,35€

0.01 | 50 | 200 | 2400

### JBM PROMOTIONAL BAG




| | |
|---|---|
| **Weight** | 0,01Kg |
| **Dimensions (LxWxH)** | 350x250x1mm |

## 54278 — 4,50€

0.10 | 5 | 200 | 1800

### JBM CAP




| | |
|---|---|
| **Material** | CO |
| **Weight** | 0,10Kg |
| **Dimensions (LxWxH)** | 200x170x90mm |

## 54325 — 29,00€

2.30 | - | 10 | 100

### JBM FLOOR MAT




| | |
|---|---|
| **Material** | PL, PVC |
| **Weight** | 2,30Kg |
| **Dimensions (LxH)** | 1000x650mm |

## 54480 — 1,10€

0.01 | 500 | 2000 | 40000

### JBM KEY-CHAIN




| | |
|---|---|
| **Material** | PL |
| **Diameter** | 30mm |
| **Weight** | 0,10Kg |
| **Dimensions (LxH)** | 100x30mm |

## 14807 — 11,30€

| 0.45 | 6 | 24 | 864 |
|---|---|---|---|

### JBM WARRANTY SEAL



| | |
|---|---|
| **Material** | PP |
| **Thickness** | 28µm |
| **Languages** | Multidioma/Multi language |
| **Weight** | 0,45Kg |
| **Dimensions (LxH)** | 125x75mm |

## 16900 — 11,00€

| 0.45 | 6 | 24 | 864 |
|---|---|---|---|

### JBM WARRANTY SEAL



| | |
|---|---|
| **Material** | PP |
| **Thickness** | 28µm |
| **Languages** | Multidioma/Multi language |
| **Weight** | 0,45Kg |
| **Dimensions (LxH)** | 125x75mm |

## 53914 — 82,00€

| 8.50 | - | 5 | 90 |
|---|---|---|---|

### POST WITH RETRACTABLE TAPE



| | |
|---|---|
| **Material** | S |
| **Height** | 3m |
| **Tube** | 63mm |
| **Diameter** | 320mm |
| **Weight** | 8,50Kg |

Sold individually. Purchase as many as you need to define your space.

## 53492 — 380,00€

| 13.00 | - | 1 | 16 |
|---|---|---|---|

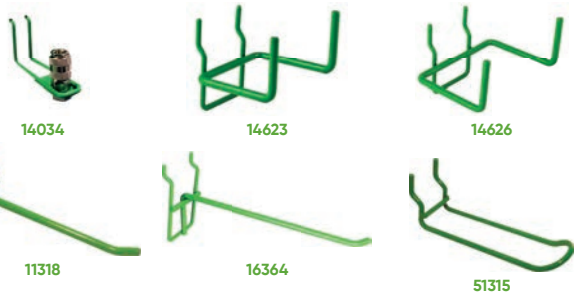
### AIR TOOL DISPLAY STAND



| | |
|---|---|
| **Weight** | 13,00Kg |
| **Dimensions (LxWxH)** | 970x530x240mm |

## HOOKS

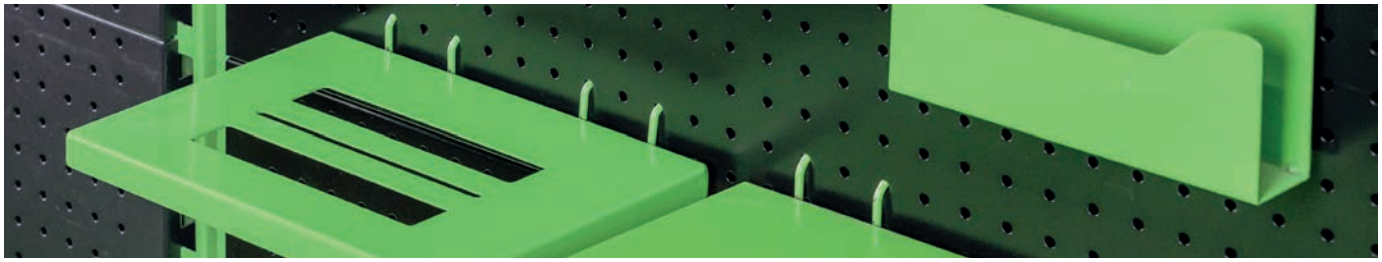
| REF. | TYPE | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 14034 | | 106mm | 0.20 | 20 | 80 | 1920 | 9,00€ |
| 14623 | | 84mm | 0.10 | - | 10 | 800 | 8,00€ |
| 14626 | | 115mm | 0.10 | - | 10 | - | 7,00€ |
| 11318 | | 100mm | 0.04 | 20 | 600 | 14400 | 2,50€ |
| 16364 | | 280mm | 0.20 | 10 | 200 | 9999 | 3,50€ |
| 51315 | | 100mm | 0.02 | 20 | 320 | 44800 | 2,50€ |




## TRAYS

| REF. | TYPE | mm | | | | | € |
|---|---|---|---|---|---|---|---|
| 14622 | | 320mm | 0.95 | - | 10 | 360 | 18,00€ |
| 14624 | | 290mm | 0.65 | - | 10 | 300 | 18,00€ |
| 14625 | | 200mm | 0.50 | - | 10 | 700 | 14,00€ |



## 53877

430,50€

42.00 - 1 -

2200mm 1000mm 500mm

### TOOL DISPLAY



**IT CONTAINS**

| REF. | PCS | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 14945 | 1 | TOOLS DISPLAY - BASE | 37.80 | - | 1 | 16 | 338,00€ |
| 14946 | 1 | HEADER FOR TOOLS DISPLAY STAND | 3.40 | - | 1 | 54 | 58,00€ |
| 14380 | 1 | TRAY FOR TOOLS DISPLAY 53877 | 5.00 | - | 1 | 34 | 61,00€ |
| 11318 | 20 | HOOK WITH ONE TIP | 0.04 | 20 | 600 | 14400 | 2,50€ |

## 53878

574,00€

52.15 - 1 -

2200mm 1000mm 500mm

### TOOL DISPLAY + HEAD + LIGHTS



**IT CONTAINS**

| REF. | PCS | DESCRIPTION | | | | | € |
|---|---|---|---|---|---|---|---|
| 14945 | 1 | TOOLS DISPLAY - BASE | 37.80 | - | 1 | 16 | 338,00€ |
| 14947 | 1 | LIGHT HEADER FOR TOOLS DISPLAY | 8.55 | - | 1 | 7 | 215,00€ |
| 14380 | 1 | TRAY FOR TOOLS DISPLAY 53877 | 5.00 | - | 1 | 34 | 61,00€ |
| 11318 | 20 | HOOK WITH ONE TIP | 0.04 | 20 | 600 | 14400 | 2,50€ |

## JBM VESTS



| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 70001 | M | 0.30 | - | 5 | 200 | 35,00€ |
| 70002 | L | 0.40 | - | 5 | 200 | 35,00€ |
| 70003 | XL | 0.40 | - | 5 | 200 | 35,00€ |

## JBM T-SHIRTS



| REF. | | | | | | € |
|---|---|---|---|---|---|---|
| 70020 | S | 0.20 | 5 | 50 | 800 | 12,00€ |
| 70021 | M | 0.20 | 5 | 50 | 800 | 12,00€ |
| 70022 | L | 0.20 | 5 | 50 | 800 | 12,00€ |
| 70023 | XL | 0.20 | 5 | 50 | 800 | 12,00€ |
| 70024 | XXL | 0.20 | 5 | 50 | 800 | 12,00€ |
| 70025 | XXXL | 0.20 | 5 | 50 | 800 | 12,00€ |

**13929** 3,85€

| 0.10 | - | 1 | 280 |
|---|---|---|---|

## CLOTHES HANGER



| | |
|---|---|
| **Lenght** | 490mm |
| **Weight** | 0,10Kg |




## CARDBOARD BOXES JBM

### BOXES FOR SPARE PARTS

| REF. | DESCRIPTION | | | | € |
|---|---|---|---|---|---|
| 14922 | BOX FOR SPARE PARTS 14,5X9X10CM | 0.10 | 100 | - | 1,65€ |
| 14923 | BOX FOR SPARE PARTS 17,5X9X7CM | 0.10 | 100 | - | 1,65€ |
| 14924 | BOX FOR SPARE PARTS 24X11X7CM | 0.10 | 100 | - | 1,65€ |
| 14925 | BOX FOR SPARE PARTS 31,5X13X4CM | 0.10 | 100 | - | 1,65€ |
| 14926 | BOX FOR SPARE PARTS 32X8,5X7CM | 0.10 | 100 | - | 1,65€ |




### PROMOTIONAL BOXES

| REF. | DESCRIPTION | | | | € |
|---|---|---|---|---|---|
| 13717 | JBM HAM BOX 76X14X29CM | 0.90 | 1 | 200 | 11,90€ |
| 14083 | PROMOTIONAL GREEN CARDBOARD BOX 80X28X49CM | 1.80 | 1 | 100 | 20,50€ |
| 14976 | PROMOTIONAL CARTON BOX LOT 80X31X61CM | 2.20 | 1 | 80 | 29,50€ |
| 15056 | PROMOTIONAL CARTON BOX 40X30X61CM | 1.60 | 1 | 70 | 18,10€ |




### JBM BOXES

| REF. | DESCRIPTION | | | | € |
|---|---|---|---|---|---|
| 11330 | JBM SMALL CARDBOARD BOX 19X10X11CM (JOINT BOOT KIT) | 0.05 | 200 | 2400 | 0,86€ |
| 12950 | JBM CARDBOARD BOX 60X40X30CM | 0.80 | 15 | 75 | 5,90€ |
| 12952 | JBM CARDBOARD BOX 40X30X20CM | 0.40 | 20 | 240 | 2,90€ |
| 13217 | JBM CARDBOARD BOX 57X30X25CM (EMERGENCY KITS) | 0.55 | 15 | 150 | 4,05€ |
| 14974 | JBM CARDBOARD BOX 54X24X40CM (20 JOINT BOOT KITS) | 0.65 | 20 | 240 | 5,10€ |
| 15051 | JBM CARTONBOARD BOX 40X32X30CM | 0.40 | 20 | 160 | 2,75€ |
| 14189 | PALLET BOX AMERICANO TRIPLE CANAL | 10.00 | 1 | 40 | 87,00€ |
| 14507 | PALLET BOX EUROPEO | 8.00 | 1 | 40 | 73,00€ |



# NUMBER INDEX


| REF. | PAGE |
|---|---|
| 10000 | 174 |
| 10054 | 283 |
| 10055 | 283 |
| 10735 | 112 |
| 10750 | 174 |
| 10751 | 174 |
| 10771 | 174 |
| 10923 | 174 |
| 11107 | 174 |
| 11121 | 208 |
| 11122 | 208 |
| 11123 | 208 |
| 11124 | 208 |
| 11125 | 208 |
| 11126 | 207 |
| 11127 | 207 |
| 11128 | 207 |
| 11129 | 207 |
| 11130 | 207 |
| 11131 | 207 |
| 11132 | 207 |
| 11133 | 207 |
| 11134 | 207 |
| 11135 | 207 |
| 11136 | 207 |
| 11137 | 207 |
| 11138 | 207 |
| 11139 | 207 |
| 11140 | 207 |
| 11141 | 207 |
| 11142 | 207 |
| 11143 | 207 |
| 11144 | 207 |
| 11145 | 207 |
| 11146 | 207 |
| 11147 | 207 |
| 11148 | 207 |
| 11149 | 207 |
| 11150 | 207 |
| 11151 | 207 |
| 11152 | 207 |
| 11153 | 207 |
| 11154 | 207 |
| 11155 | 207 |
| 11156 | 207 |
| 11157 | 207 |
| 11158 | 207 |
| 11159 | 207 |
| 11160 | 207 |
| 11161 | 207 |
| 11162 | 207 |
| 11163 | 207 |
| 11164 | 207 |
| 11165 | 207 |
| 11166 | 207 |
| 11167 | 207 |
| 11168 | 207 |
| 11169 | 207 |

| REF. | PAGE |
|---|---|
| 11170 | 207 |
| 11171 | 207 |
| 11172 | 207 |
| 11173 | 207 |
| 11174 | 207 |
| 11175 | 207 |
| 11176 | 207 |
| 11177 | 207 |
| 11178 | 207 |
| 11179 | 207 |
| 11180 | 207 |
| 11181 | 207 |
| 11182 | 207 |
| 11183 | 207 |
| 11184 | 207 |
| 11185 | 207 |
| 11186 | 207 |
| 11187 | 207 |
| 11188 | 207 |
| 11189 | 207 |
| 11190 | 207 |
| 11191 | 207 |
| 11192 | 207 |
| 11193 | 207 |
| 11194 | 207 |
| 11195 | 208 |
| 11314 | 207 |
| 11315 | 207 |
| 11316 | 207 |
| 11318 | 456, 457 |
| 11324 | 174 |
| 11325 | 174 |
| 11330 | 458 |
| 11613 | 208 |
| 11614 | 208 |
| 11615 | 208 |
| 11616 | 208 |
| 11617 | 208 |
| 11618 | 208 |
| 11619 | 208 |
| 11621 | 207 |
| 11622 | 207 |
| 11623 | 207 |
| 11624 | 208 |
| 11625 | 208 |
| 11628 | 207 |
| 11890 | 409 |
| 11891 | 409 |
| 11922 | 408 |
| 11938 | 206 |
| 11990 | 206 |
| 11994 | 112 |
| 11996 | 112 |
| 11997 | 112 |
| 11998 | 112 |
| 12009 | 193 |
| 12029 | 269 |
| 12030 | 269 |

| REF. | PAGE |
|---|---|
| 12061 | 208 |
| 12062 | 208 |
| 12063 | 208 |
| 12064 | 208 |
| 12065 | 208 |
| 12066 | 208 |
| 12067 | 208 |
| 12068 | 208 |
| 12069 | 208 |
| 12070 | 208 |
| 12071 | 208 |
| 12072 | 208 |
| 12074 | 206 |
| 12075 | 206 |
| 12937 | 206 |
| 12950 | 458 |
| 12952 | 458 |
| 12977 | 267 |
| 12984 | 208 |
| 12988 | 197 |
| 13002 | 444 |
| 13003 | 444 |
| 13004 | 444 |
| 13005 | 444 |
| 13006 | 444 |
| 13007 | 444 |
| 13008 | 444 |
| 13009 | 444 |
| 13010 | 444 |
| 13011 | 444 |
| 13012 | 444 |
| 13013 | 444 |
| 13014 | 444 |
| 13015 | 444 |
| 13016 | 444 |
| 13017 | 444 |
| 13018 | 444 |
| 13019 | 444 |
| 13020 | 444 |
| 13021 | 444 |
| 13022 | 444 |
| 13023 | 444 |
| 13024 | 444 |
| 13025 | 444 |
| 13026 | 448 |
| 13027 | 448 |
| 13028 | 448 |
| 13029 | 448 |
| 13030 | 448 |
| 13031 | 448 |
| 13032 | 448 |
| 13033 | 448 |
| 13034 | 448 |
| 13035 | 448 |
| 13036 | 448 |
| 13037 | 448 |
| 13038 | 446 |
| 13039 | 446 |

| REF. | PAGE |
|---|---|
| 13040 | 446 |
| 13041 | 446 |
| 13042 | 446 |
| 13043 | 446 |
| 13044 | 446 |
| 13045 | 446 |
| 13046 | 446 |
| 13047 | 446 |
| 13048 | 446 |
| 13049 | 446 |
| 13050 | 447 |
| 13051 | 447 |
| 13052 | 447 |
| 13053 | 447 |
| 13054 | 447 |
| 13055 | 447 |
| 13056 | 446 |
| 13057 | 446 |
| 13058 | 446 |
| 13059 | 446 |
| 13060 | 446 |
| 13061 | 446 |
| 13062 | 446 |
| 13063 | 446 |
| 13064 | 446 |
| 13065 | 446 |
| 13066 | 446 |
| 13067 | 446 |
| 13068 | 447 |
| 13069 | 447 |
| 13070 | 447 |
| 13071 | 447 |
| 13072 | 447 |
| 13073 | 447 |
| 13074 | 448 |
| 13075 | 448 |
| 13076 | 448 |
| 13077 | 448 |
| 13078 | 448 |
| 13079 | 448 |
| 13080 | 446 |
| 13081 | 446 |
| 13082 | 446 |
| 13083 | 446 |
| 13084 | 446 |
| 13085 | 446 |
| 13086 | 446 |
| 13087 | 446 |
| 13088 | 446 |
| 13089 | 446 |
| 13090 | 446 |
| 13091 | 446 |
| 13092 | 448 |
| 13093 | 448 |
| 13094 | 448 |
| 13095 | 448 |
| 13096 | 448 |
| 13097 | 448 |

| REF. | PAGE |
|---|---|
| 13098 | 448 |
| 13099 | 448 |
| 13100 | 448 |
| 13101 | 448 |
| 13102 | 448 |
| 13103 | 448 |
| 13104 | 444 |
| 13105 | 444 |
| 13106 | 444 |
| 13107 | 444 |
| 13108 | 444 |
| 13109 | 444 |
| 13110 | 444 |
| 13111 | 444 |
| 13112 | 444 |
| 13113 | 444 |
| 13114 | 444 |
| 13115 | 444 |
| 13116 | 447 |
| 13117 | 447 |
| 13118 | 447 |
| 13119 | 447 |
| 13120 | 447 |
| 13121 | 447 |
| 13122 | 447 |
| 13123 | 447 |
| 13124 | 447 |
| 13125 | 447 |
| 13126 | 447 |
| 13127 | 447 |
| 13128 | 445 |
| 13129 | 445 |
| 13130 | 445 |
| 13131 | 445 |
| 13132 | 445 |
| 13133 | 445 |
| 13134 | 445 |
| 13135 | 445 |
| 13136 | 445 |
| 13137 | 445 |
| 13138 | 445 |
| 13139 | 445 |
| 13140 | 445 |
| 13141 | 445 |
| 13142 | 445 |
| 13143 | 445 |
| 13144 | 445 |
| 13145 | 445 |
| 13146 | 445 |
| 13147 | 445 |
| 13148 | 445 |
| 13149 | 445 |
| 13150 | 445 |
| 13151 | 445 |
| 13152 | 445 |
| 13153 | 445 |
| 13154 | 445 |
| 13155 | 445 |

| REF. | PAGE |
|---|---|
| 13156 | 445 |
| 13157 | 445 |
| 13158 | 445 |
| 13159 | 445 |
| 13160 | 445 |
| 13161 | 445 |
| 13162 | 445 |
| 13163 | 445 |
| 13217 | 458 |
| 13226 | 71 |
| 13227 | 71 |
| 13228 | 71 |
| 13229 | 71 |
| 13230 | 71 |
| 13231 | 71 |
| 13232 | 71 |
| 13499 | 193 |
| 13500 | 193 |
| 13667 | 71, 109 |
| 13668 | 112 |
| 13680 | 205 |
| 13681 | 205 |
| 13682 | 205 |
| 13683 | 205 |
| 13689 | 205 |
| 13717 | 458 |
| 13723 | 207 |
| 13724 | 207 |
| 13725 | 207 |
| 13726 | 207 |
| 13727 | 207 |
| 13728 | 207 |
| 13729 | 207 |
| 13730 | 207 |
| 13731 | 207 |
| 13732 | 207 |
| 13733 | 207 |
| 13734 | 207 |
| 13735 | 207 |
| 13736 | 207 |
| 13738 | 408 |
| 13739 | 408 |
| 13745 | 207 |
| 13746 | 207 |
| 13747 | 207 |
| 13748 | 207 |
| 13809 | 197 |
| 13810 | 197 |
| 13813 | 219 |
| 13814 | 219 |
| 13839 | 174 |
| 13879 | 408 |
| 13880 | 408 |
| 13929 | 458 |
| 13930 | 196 |
| 13931 | 196 |
| 13932 | 196 |
| 13933 | 196 |

| REF. | PAGE |
|---|---|
| 13934 | 196 |
| 13935 | 196 |
| 13936 | 196 |
| 13937 | 196 |
| 13938 | 196 |
| 13939 | 196 |
| 13968 | 455 |
| 13982 | 339 |
| 14031 | 174 |
| 14032 | 174 |
| 14033 | 174 |
| 14034 | 456 |
| 14075 | 196 |
| 14076 | 196 |
| 14077 | 196 |
| 14078 | 196 |
| 14081 | 373 |
| 14083 | 458 |
| 14114 | 112 |
| 14145 | 368 |
| 14146 | 368 |
| 14147 | 368 |
| 14148 | 368 |
| 14172 | 207 |
| 14173 | 207 |
| 14177 | 207 |
| 14178 | 207 |
| 14189 | 458 |
| 14190 | 196 |
| 14191 | 196 |
| 14192 | 196 |
| 14193 | 196 |
| 14195 | 197 |
| 14196 | 197 |
| 14197 | 197 |
| 14198 | 197 |
| 14199 | 197 |
| 14200 | 197 |
| 14201 | 196 |
| 14202 | 196 |
| 14203 | 196 |
| 14204 | 196 |
| 14205 | 196 |
| 14206 | 196 |
| 14207 | 196 |
| 14208 | 196 |
| 14209 | 196 |
| 14296 | 84, 86, 87, 90, 93, 97, 98, 103, 107 |
| 14297 | 84, 86, 87, 90, 93, 97, 98, 103, 107 |
| 14298 | 84, 86, 87, 90, 93, 97, 103 |
| 14299 | 84, 86, 87, 90, 93, 97, 103 |
| 14303 | 66 |
| 14314 | 197 |
| 14315 | 197 |
| 14327 | 100 |
| 14350 | 451, 452 |
| 14351 | 452 |
| 14352 | 452 |

| REF. | PAGE |
|---|---|
| 14353 | 452 |
| 14354 | 115 |
| 14355 | 452 |
| 14356 | 452 |
| 14357 | 452 |
| 14358 | 451, 452 |
| 14359 | 449, 452 |
| 14361 | 452 |
| 14364 | 452 |
| 14365 | 452 |
| 14366 | 452 |
| 14367 | 452 |
| 14368 | 452 |
| 14369 | 452 |
| 14370 | 452 |
| 14371 | 452 |
| 14372 | 452 |
| 14373 | 452 |
| 14374 | 451 |
| 14375 | 451 |
| 14376 | 451 |
| 14377 | 451 |
| 14378 | 451 |
| 14379 | 451 |
| 14380 | 457 |
| 14381 | 451 |
| 14382 | 451 |
| 14383 | 451 |
| 14384 | 451 |
| 14387 | 451 |
| 14388 | 451 |
| 14389 | 451 |
| 14390 | 451 |
| 14391 | 451 |
| 14392 | 451 |
| 14393 | 451 |
| 14395 | 451 |
| 14396 | 451 |
| 14397 | 451 |
| 14398 | 451 |
| 14399 | 451 |
| 14402 | 451 |
| 14404 | 451 |
| 14405 | 451 |
| 14406 | 451 |
| 14408 | 451 |
| 14409 | 451 |
| 14410 | 450 |
| 14411 | 450 |
| 14412 | 450 |
| 14413 | 450 |
| 14414 | 450 |
| 14415 | 450 |
| 14416 | 450, 451 |
| 14419 | 450 |
| 14420 | 450 |
| 14421 | 450 |
| 14422 | 449, 450 |
| 14423 | 450 |
| 14424 | 450 |
| 14425 | 450 |
| 14426 | 450 |
| 14427 | 450 |

| REF. | PAGE |
|---|---|
| 14428 | 450 |
| 14429 | 450 |
| 14430 | 450 |
| 14431 | 450 |
| 14432 | 450 |
| 14434 | 450 |
| 14435 | 450 |
| 14436 | 450 |
| 14437 | 450 |
| 14438 | 450 |
| 14439 | 450 |
| 14440 | 450 |
| 14441 | 450 |
| 14442 | 450 |
| 14443 | 450 |
| 14444 | 450 |
| 14445 | 450 |
| 14446 | 449 |
| 14447 | 449 |
| 14448 | 449 |
| 14449 | 449 |
| 14450 | 449 |
| 14451 | 449 |
| 14452 | 449 |
| 14453 | 449 |
| 14455 | 449 |
| 14456 | 449 |
| 14457 | 449 |
| 14458 | 449 |
| 14459 | 449 |
| 14460 | 449 |
| 14461 | 449 |
| 14462 | 449 |
| 14463 | 449 |
| 14464 | 449 |
| 14465 | 449 |
| 14466 | 449 |
| 14468 | 449 |
| 14469 | 449 |
| 14471 | 449 |
| 14472 | 449 |
| 14474 | 449 |
| 14475 | 449 |
| 14476 | 449 |
| 14477 | 449 |
| 14478 | 449 |
| 14479 | 449 |
| 14480 | 449 |
| 14481 | 449 |
| 14507 | 458 |
| 14534 | 194 |
| 14560 | 194 |
| 14561 | 197 |
| 14622 | 158, 456 |
| 14623 | 158, 456 |
| 14624 | 158, 456 |
| 14625 | 158, 456 |
| 14626 | 158, 456 |
| 14710 | 217 |
| 14711 | 217 |
| 14712 | 217 |
| 14713 | 217 |
| 14714 | 217 |

| REF. | PAGE |
|---|---|
| 14715 | 217 |
| 14728 | 208 |
| 14729 | 208 |
| 14730 | 208 |
| 14731 | 208 |
| 14732 | 208 |
| 14733 | 208 |
| 14734 | 208 |
| 14736 | 208 |
| 14737 | 208 |
| 14738 | 208 |
| 14739 | 208 |
| 14740 | 208 |
| 14741 | 208 |
| 14742 | 208 |
| 14743 | 208 |
| 14744 | 208 |
| 14745 | 208 |
| 14746 | 208 |
| 14747 | 208 |
| 14748 | 208 |
| 14793 | 429 |
| 14807 | 456 |
| 14837 | 134 |
| 14838 | 134 |
| 14839 | 134 |
| 14840 | 134 |
| 14841 | 134 |
| 14842 | 134 |
| 14893 | 138 |
| 14894 | 139 |
| 14895 | 138 |
| 14896 | 139 |
| 14897 | 138 |
| 14898 | 139 |
| 14899 | 138 |
| 14900 | 139 |
| 14922 | 458 |
| 14923 | 458 |
| 14924 | 458 |
| 14925 | 458 |
| 14926 | 458 |
| 14945 | 457 |
| 14946 | 457 |
| 14947 | 457 |
| 14950 | 147 |
| 14951 | 147 |
| 14952 | 147 |
| 14953 | 147 |
| 14974 | 458 |
| 14975 | 455 |
| 14976 | 458 |
| 14985 | 143 |
| 14986 | 142 |
| 14987 | 143 |
| 14988 | 143 |
| 14989 | 142 |
| 14990 | 143 |
| 14991 | 142 |
| 14993 | 142 |
| 14994 | 141 |
| 14995 | 141 |
| 15010 | 125 |

| REF. | PAGE |
|---|---|
| 15011 | 125 |
| 15012 | 125 |
| 15014 | 139, 138 |
| 15049 | 148 |
| 15051 | 458 |
| 15052 | 174 |
| 15056 | 458 |
| 15068 | 115 |
| 15069 | 115 |
| 15073 | 98 |
| 15076 | 98 |
| 15084 | 111, 244, 344 |
| 15122 | 40, 90, 109 |
| 15138 | 50 |
| 15139 | 50 |
| 15140 | 50 |
| 15147 | 50 |
| 15148 | 50 |
| 15149 | 50 |
| 15152 | 454 |
| 15155 | 90, 109 |
| 15156 | 39, 86, 109 |
| 15157 | 109 |
| 15158 | 86, 108 |
| 15159 | 108 |
| 15160 | 108 |
| 15161 | 86, 90, 108 |
| 15162 | 36, 111, 388 |
| 15313 | 115 |
| 15315 | 109 |
| 15316 | 41, 109 |
| 15375 | 216 |
| 15454 | 57, 109 |
| 15514 | 90, 110 |
| 15541 | 109 |
| 15631 | 339 |
| 15680 | 146 |
| 15681 | 86, 108 |
| 15682 | 146 |
| 15683 | 146 |
| 15684 | 146 |
| 15685 | 146 |
| 15686 | 146 |
| 15687 | 146 |
| 15688 | 146 |
| 15689 | 146 |
| 15706 | 65, 110 |
| 15730 | 94, 105 |
| 15731 | 94, 105 |
| 15732 | 94, 105 |
| 15733 | 94, 105 |
| 15734 | 94, 105 |
| 15735 | 94, 105 |
| 15736 | 86, 94, 105 |
| 15737 | 69, 111 |
| 15789 | 454 |
| 15799 | 110 |
| 15874 | 347 |
| 16052 | 174 |
| 16053 | 174 |
| 16111 | 64, 110 |
| 16161 | 116 |

| REF. | PAGE |
|---|---|
| 16162 | 116 |
| 16163 | 116 |
| 16294 | 452 |
| 16295 | 248 |
| 16309 | 266 |
| 16316 | 267 |
| 16344 | 115 |
| 16354 | 117 |
| 16355 | 117 |
| 16356 | 117 |
| 16357 | 117 |
| 16358 | 115 |
| 16359 | 115 |
| 16360 | 115 |
| 16361 | 115 |
| 16362 | 115 |
| 16363 | 115 |
| 16364 | 158, 456 |
| 16400 | 311 |
| 16490 | 81 |
| 16490B | 81 |
| 16490G | 81 |
| 16490K | 81 |
| 16490O | 81 |
| 16490P | 81 |
| 16490R | 81 |
| 16490S | 81 |
| 16490Y | 81 |
| 16491 | 82 |
| 16491B | 82 |
| 16491G | 82 |
| 16491K | 82 |
| 16491O | 82 |
| 16491P | 82 |
| 16491R | 82 |
| 16491S | 82 |
| 16491Y | 82 |
| 16492 | 80 |
| 16492B | 80 |
| 16492G | 80 |
| 16492K | 80 |
| 16492O | 80 |
| 16492P | 80 |
| 16492R | 80 |
| 16492S | 80 |
| 16492Y | 80 |
| 16493 | 80 |
| 16493B | 80 |
| 16493G | 80 |
| 16493K | 80 |
| 16493O | 80 |
| 16493P | 80 |
| 16493R | 80 |
| 16493S | 80 |
| 16493Y | 80 |
| 16494 | 82 |
| 16494B | 82 |
| 16494G | 82 |
| 16494K | 82 |
| 16494O | 82 |
| 16494P | 82 |
| 16494R | 82 |

| REF. | PAGE |
|---|---|
| 16494S | 82 |
| 16494Y | 82 |
| 16496 | 83 |
| 16497 | 83 |
| 16498 | 83 |
| 16500 | 79 |
| 16500B | 79 |
| 16500G | 79 |
| 16500K | 79 |
| 16500O | 79 |
| 16500P | 79 |
| 16500R | 79 |
| 16500S | 79 |
| 16500Y | 79 |
| 16516 | 83 |
| 16561 | 83 |
| 16569 | 208 |
| 16570 | 208 |
| 16600 | 83 |
| 16627 | 79 |
| 16627B | 79 |
| 16627G | 79 |
| 16627K | 79 |
| 16627O | 79 |
| 16627P | 79 |
| 16627R | 79 |
| 16627S | 79 |
| 16627Y | 79 |
| 16628 | 80 |
| 16628B | 80 |
| 16628G | 80 |
| 16628K | 80 |
| 16628O | 80 |
| 16628P | 80 |
| 16628R | 80 |
| 16628S | 80 |
| 16628Y | 80 |
| 16629 | 83 |
| 16718 | 208 |
| 16719 | 208 |
| 16720 | 208 |
| 16748 | 207 |
| 16749 | 207 |
| 16750 | 207 |
| 16776 | 118 |
| 16777 | 118 |
| 16778 | 118 |
| 16779 | 118 |
| 16780 | 118 |
| 16835 | 83 |
| 16836 | 83 |
| 16861 | 117 |
| 16865 | 117 |
| 16872 | 379 |
| 16873 | 91, 104 |
| 16874 | 91, 104 |
| 16875 | 91, 104 |
| 16876 | 91, 104 |
| 16877 | 91, 104 |
| 16878 | 91, 104 |
| 16879 | 91, 104 |
| 16900 | 456 |
| 17134 | 206 |

| REF. | PAGE |
|---|---|
| 17135 | 206 |
| 17136 | 206 |
| 17137 | 206 |
| 17138 | 89, 106 |
| 17139 | 89, 106 |
| 17141 | 85, 88, 89, 106 |
| 17142 | 85, 88, 89, 106 |
| 17143 | 89, 106 |
| 17144 | 85, 88, 89, 106 |
| 17543 | 156 |
| 17544 | 156 |
| 17545 | 156 |
| 17571 | 344 |
| 17605 | 376 |
| 17728 | 88, 107 |
| 17729 | 85, 107 |
| 17746 | 83 |
| 17747 | 83 |
| 17775 | 98, 107, 112 |
| 17797 | 79 |
| 17798 | 79 |
| 17799 | 79 |
| 17800 | 79 |
| 17801 | 79 |
| 17802 | 79 |
| 17803 | 79 |
| 17804 | 79 |
| 17805 | 79 |
| 17806 | 79 |
| 17807 | 79 |
| 17808 | 79 |
| 17809 | 80 |
| 17810 | 80 |
| 17811 | 80 |
| 17812 | 80 |
| 17813 | 80 |
| 17814 | 80 |
| 17815 | 80 |
| 17816 | 80 |
| 17817 | 80 |
| 17818 | 80 |
| 17819 | 80 |
| 17820 | 80 |
| 17821 | 80 |
| 17822 | 80 |
| 17823 | 80 |
| 17824 | 80 |
| 17825 | 80 |
| 17826 | 80 |
| 17827 | 81 |
| 17828 | 81 |
| 17829 | 81 |
| 17830 | 81 |
| 17831 | 81 |
| 17832 | 81 |
| 17833 | 82 |
| 17834 | 82 |
| 17835 | 82 |
| 17836 | 82 |
| 17837 | 82 |
| 17838 | 82 |

| REF. | PAGE |
|---|---|
| 17839 | 82 |
| 17840 | 82 |
| 17841 | 82 |
| 17842 | 82 |
| 17843 | 82 |
| 17844 | 82 |
| 17849 | 78 |
| 17850 | 78 |
| 17851 | 78 |
| 17852 | 78 |
| 17853 | 78 |
| 17854 | 78 |
| 17892 | 386 |
| 17919 | 83 |
| 17921 | 83 |
| 17954 | 78 |
| 17955 | 78 |
| 17958 | 79 |
| 17959 | 79 |
| 17962 | 79 |
| 17963 | 79 |
| 17964 | 80 |
| 17965 | 80 |
| 17966 | 80 |
| 17967 | 80 |
| 17968 | 81 |
| 17969 | 81 |
| 17970 | 82 |
| 17971 | 82 |
| 17972 | 82 |
| 17973 | 82 |
| 17974 | 80 |
| 17975 | 80 |
| 18037 | 77 |
| 18038 | 77 |
| 18039 | 77 |
| 18040 | 77 |
| 18041 | 77 |
| 18042 | 77 |
| 18043 | 77 |
| 18044 | 77 |
| 18090 | 127 |
| 18091 | 127 |
| 18092 | 127 |
| 18093 | 127 |
| 18094 | 127 |
| 18095 | 127 |
| 18100 | 127 |
| 18101 | 127 |
| 18102 | 127 |
| 18103 | 81 |
| 18103B | 81 |
| 18103G | 81 |
| 18103K | 81 |
| 18103O | 81 |
| 18103P | 81 |
| 18103R | 81 |
| 18103S | 81 |
| 18103Y | 81 |
| 18105 | 81 |
| 18105B | 81 |
| 18105G | 81 |
| 18105K | 81 |

| REF. | PAGE |
|---|---|
| 18105O | 81 |
| 18105P | 81 |
| 18105R | 81 |
| 18105S | 81 |
| 18105Y | 81 |
| 18179 | 81 |
| 18180 | 81 |
| 18181 | 81 |
| 18182 | 81 |
| 18183 | 81 |
| 18184 | 81 |
| 18185 | 81 |
| 18186 | 81 |
| 18189 | 81 |
| 18190 | 81 |
| 18191 | 81 |
| 18192 | 81 |
| 18193 | 81 |
| 18194 | 81 |
| 18195 | 81 |
| 18196 | 81 |
| 18258 | 401 |
| 18259 | 401 |
| 18295 | 128 |
| 18296 | 128 |
| 18299 | 128 |
| 18300 | 128 |
| 18301 | 128 |
| 18304 | 128 |
| 18306 | 401 |
| 18307 | 401 |
| 18357 | 118 |
| 18358 | 118 |
| 18359 | 118 |
| 18360 | 118 |
| 18361 | 118 |
| 18362 | 118 |
| 18363 | 118 |
| 18364 | 118 |
| 18365 | 118 |
| 18366 | 118 |
| 18368 | 344 |
| 18379 | 115 |
| 18463 | 89, 106 |
| 50400 | 412 |
| 50403 | 412 |
| 50409 | 413 |
| 50410 | 412 |
| 50431 | 404 |
| 50517 | 395 |
| 50518 | 395 |
| 50551 | 404 |
| 50562 | 39 |
| 50564 | 38 |
| 50567 | 59 |
| 50577 | 219 |
| 50585 | 405 |
| 50622 | 44 |
| 50630 | 364 |
| 50631 | 362 |
| 50632 | 379 |
| 50644 | 406 |
| 50651 | 440 |

| REF. | PAGE |
|---|---|
| 50652 | 440 |
| 50654 | 400 |
| 50656 | 226, 396 |
| 50717 | 406 |
| 50724 | 73 |
| 50751 | 191, 350 |
| 50787 | 125 |
| 50788 | 125 |
| 50789 | 124 |
| 50792 | 286 |
| 50793 | 286 |
| 50797 | 195, 393 |
| 50807 | 269, 439 |
| 50808 | 120 |
| 50815 | 352 |
| 50816 | 353 |
| 50818 | 352 |
| 50819 | 355 |
| 50820 | 355 |
| 50821 | 355 |
| 50822 | 355 |
| 50823 | 355 |
| 50824 | 355 |
| 50825 | 355 |
| 50827 | 271 |
| 50830 | 356 |
| 50831 | 361 |
| 50835 | 358 |
| 50836 | 363 |
| 50838 | 363 |
| 50839 | 222, 359 |
| 50840 | 362 |
| 50843 | 119 |
| 50844 | 119, 230 |
| 50852 | 350 |
| 50901 | 213 |
| 50902 | 56 |
| 50903 | 213 |
| 50910 | 172 |
| 50911 | 364 |
| 50913 | 226, 396 |
| 50915 | 404 |
| 50916 | 412 |
| 50917 | 342 |
| 50918 | 342 |
| 50923 | 222, 359 |
| 50924 | 344, 396 |
| 50935 | 342 |
| 50937 | 73 |
| 50942 | 372, 387 |
| 50957 | 123 |
| 50959 | 123 |
| 50966 | 400 |
| 50966C | 400 |
| 50980 | 35 |
| 50982 | 35 |
| 50983 | 31 |
| 50985 | 31 |
| 51017 | 57 |
| 51018 | 57 |
| 51020 | 57 |
| 51021 | 57 |
| 51028 | 202 |

| REF. | PAGE |
|---|---|
| 51033 | 383, 393 |
| 51035 | 114 |
| 51050 | 123 |
| 51051 | 123 |
| 51059 | 233 |
| 51119 | 281 |
| 51120 | 256 |
| 51121 | 270 |
| 51123 | 280 |
| 51124 | 290 |
| 51125 | 289 |
| 51126 | 284 |
| 51127 | 53 |
| 51131 | 212 |
| 51210 | 180 |
| 51211 | 179 |
| 51212 | 179 |
| 51213 | 180 |
| 51214 | 181 |
| 51215 | 181 |
| 51216 | 184 |
| 51220 | 182 |
| 51222 | 178 |
| 51235 | 370 |
| 51238 | 368 |
| 51239 | 368 |
| 51245 | 184 |
| 51246 | 407 |
| 51253 | 342 |
| 51258 | 174 |
| 51259 | 282 |
| 51260 | 29 |
| 51262 | 53 |
| 51266 | 406 |
| 51272 | 65 |
| 51277 | 187 |
| 51283 | 235 |
| 51305 | 48 |
| 51306 | 48 |
| 51307 | 47 |
| 51315 | 456 |
| 51318 | 40 |
| 51326 | 164 |
| 51331 | 174 |
| 51332 | 240 |
| 51333 | 33 |
| 51336 | 205 |
| 51337 | 246 |
| 51338 | 53 |
| 51340 | 333 |
| 51341 | 193 |
| 51347 | 262 |
| 51349 | 290 |
| 51352 | 242 |
| 51353 | 242 |
| 51354 | 243 |
| 51355 | 62, 417 |
| 51356 | 347 |
| 51358 | 421 |
| 51359 | 421 |
| 51360 | 213 |
| 51361 | 213 |
| 51362 | 421 |

| REF. | PAGE |
|---|---|
| 51363 | 368 |
| 51364 | 270 |
| 51365 | 368 |
| 51368 | 279 |
| 51369 | 279 |
| 51383 | 187 |
| 51385 | 193 |
| 51386 | 193 |
| 51387 | 193 |
| 51398N | 427 |
| 51405 | 47 |
| 51406 | 47 |
| 51409 | 33 |
| 51410 | 33 |
| 51412 | 406 |
| 51414 | 279 |
| 51416 | 420 |
| 51419 | 117 |
| 51420 | 117 |
| 51422 | 117 |
| 51443 | 193 |
| 51444 | 193 |
| 51445 | 193 |
| 51447 | 53, 110 |
| 51448 | 53, 110 |
| 51479 | 53 |
| 51488 | 320 |
| 51489 | 326 |
| 51490 | 280 |
| 51491 | 281 |
| 51493 | 251 |
| 51494 | 248 |
| 51495 | 281 |
| 51496 | 294 |
| 51500 | 294 |
| 51501 | 283 |
| 51504 | 66 |
| 51525 | 65 |
| 51526 | 65 |
| 51528 | 42 |
| 51538 | 437 |
| 51539 | 437 |
| 51540 | 437 |
| 51541 | 437 |
| 51542 | 437 |
| 51543 | 437 |
| 51544 | 437 |
| 51545 | 437 |
| 51546 | 437 |
| 51554 | 437 |
| 51573 | 164 |
| 51574 | 123 |
| 51575 | 122 |
| 51576 | 102 |
| 51600 | 122 |
| 51614 | 404 |
| 51615 | 404 |
| 51616 | 23 |
| 51622 | 226 |
| 51632N | 427 |
| 51633 | 427 |
| 51634 | 427 |
| 51636N | 427 |

| REF. | PAGE |
|---|---|
| 51638N | 427 |
| 51640N | 427 |
| 51642N | 427 |
| 51653 | 117 |
| 51654 | 117 |
| 51655 | 117 |
| 51656 | 117 |
| 51657 | 117 |
| 51658 | 117 |
| 51659 | 44 |
| 51661 | 421 |
| 51674 | 66 |
| 51694 | 402 |
| 51696 | 402 |
| 51697 | 406 |
| 51703 | 408 |
| 51705 | 408 |
| 51706 | 414 |
| 51707 | 414 |
| 51708 | 414 |
| 51709 | 414 |
| 51710 | 414 |
| 51711 | 414 |
| 51712 | 414 |
| 51713 | 414 |
| 51714 | 414 |
| 51715 | 414 |
| 51716 | 414 |
| 51717 | 414 |
| 51718 | 414 |
| 51719 | 414 |
| 51720 | 414 |
| 51721 | 414 |
| 51722 | 414 |
| 51723 | 414 |
| 51724 | 414 |
| 51725 | 414 |
| 51726 | 414 |
| 51727 | 414 |
| 51737 | 113 |
| 51738 | 113 |
| 51741 | 419 |
| 51742 | 419 |
| 51743 | 419 |
| 51746 | 34 |
| 51751 | 360 |
| 51785 | 428 |
| 51795 | 45 |
| 51796 | 45 |
| 51797 | 45 |
| 51798 | 45 |
| 51799 | 437 |
| 51805 | 53, 110 |
| 51812 | 58 |
| 51814 | 418 |
| 51816 | 370 |
| 51818 | 19 |
| 51824 | 413 |
| 51831 | 383 |
| 51832 | 213 |
| 51837 | 380 |
| 51838 | 380 |
| 51839 | 238 |

| REF. | PAGE |
|---|---|
| 51843 | 437 |
| 51853 | 74 |
| 51855 | 23 |
| 51858 | 411 |
| 51861 | 189, 408, 409 |
| 51863 | 414 |
| 51864 | 41, 110 |
| 51886 | 173 |
| 51889 | 162 |
| 51890 | 46 |
| 51895 | 352 |
| 51896 | 285 |
| 51897 | 285 |
| 51898 | 285 |
| 51899 | 285 |
| 51901 | 358 |
| 51902 | 270 |
| 51905 | 355 |
| 51906 | 355 |
| 51907 | 355 |
| 51908 | 416 |
| 51909 | 68 |
| 51918 | 66 |
| 51919 | 298 |
| 51920 | 284, 441 |
| 51923 | 242 |
| 51927 | 260 |
| 51928 | 346 |
| 51934 | 242 |
| 51935 | 400 |
| 51936 | 400 |
| 51937 | 400 |
| 51951 | 74 |
| 51958 | 298 |
| 51960 | 169 |
| 51961 | 169 |
| 51962 | 169 |
| 51963 | 169 |
| 51964 | 168 |
| 51965 | 168 |
| 51966 | 169 |
| 51967 | 174 |
| 51968 | 174 |
| 51969 | 174 |
| 51972 | 62 |
| 51973 | 414 |
| 51975 | 117 |
| 51978 | 413 |
| 51980 | 188 |
| 51981 | 188 |
| 51982 | 394 |
| 51983 | 394 |
| 51984 | 394 |
| 51986 | 284 |
| 51989 | 74 |
| 51991 | 271 |
| 51995 | 60 |
| 51998 | 295 |
| 52010 | 288 |
| 52026 | 213 |
| 52027 | 432 |
| 52028 | 435 |

| REF. | PAGE |
|---|---|
| 52029 | 435 |
| 52030 | 437 |
| 52031 | 436 |
| 52032 | 435 |
| 52033 | 438 |
| 52043 | 434 |
| 52044 | 432 |
| 52049 | 69 |
| 52050 | 60 |
| 52052 | 59 |
| 52053 | 443 |
| 52054 | 443 |
| 52055 | 362 |
| 52056 | 298 |
| 52057 | 413 |
| 52058 | 413 |
| 52059 | 34 |
| 52060 | 34 |
| 52065 | 412 |
| 52066 | 264 |
| 52069 | 368 |
| 52070 | 368 |
| 52071 | 368 |
| 52076 | 259 |
| 52077 | 216 |
| 52148 | 120 |
| 52149 | 394 |
| 52152 | 63 |
| 52153 | 296 |
| 52158 | 436 |
| 52159 | 182 |
| 52160 | 183 |
| 52162 | 96, 383, 390 |
| 52163 | 437 |
| 52167 | 182 |
| 52169 | 56 |
| 52170 | 56 |
| 52171 | 184 |
| 52180 | 66 |
| 52181 | 66 |
| 52182 | 66 |
| 52183 | 66 |
| 52184 | 66 |
| 52185 | 66 |
| 52186 | 66 |
| 52190 | 262 |
| 52191 | 236 |
| 52197 | 48 |
| 52200 | 398 |
| 52202 | 396 |
| 52207 | 47 |
| 52227 | 272 |
| 52230 | 226, 395 |
| 52231 | 371 |
| 52233 | 370 |
| 52235 | 45 |
| 52236 | 45 |
| 52237 | 45 |
| 52238 | 45 |
| 52241 | 358 |
| 52242 | 348 |
| 52243 | 348 |
| 52244 | 413 |

| REF. | PAGE |
|---|---|
| 52259 | 406 |
| 52262 | 218 |
| 52263 | 218 |
| 52264 | 218 |
| 52265 | 218 |
| 52269 | 243 |
| 52270 | 273 |
| 52271 | 326 |
| 52272 | 60 |
| 52273 | 254 |
| 52275 | 237 |
| 52293 | 282 |
| 52295 | 218 |
| 52296 | 288 |
| 52297 | 288 |
| 52298 | 288 |
| 52302 | 171 |
| 52303 | 171 |
| 52304 | 355 |
| 52305 | 259 |
| 52310 | 427 |
| 52311 | 241 |
| 52312 | 241 |
| 52313 | 241 |
| 52314 | 241 |
| 52315 | 235 |
| 52316 | 283 |
| 52317 | 283 |
| 52319 | 281 |
| 52320 | 35 |
| 52321 | 219 |
| 52327 | 219 |
| 52329 | 340 |
| 52330 | 234 |
| 52337 | 200 |
| 52338 | 204 |
| 52339 | 202 |
| 52340 | 202 |
| 52341 | 201 |
| 52342 | 201 |
| 52343 | 204 |
| 52344 | 202 |
| 52345 | 200 |
| 52346 | 201 |
| 52347 | 204 |
| 52348 | 203 |
| 52349 | 46 |
| 52350 | 46 |
| 52351 | 46 |
| 52352 | 46 |
| 52353 | 46 |
| 52354 | 46 |
| 52355 | 46 |
| 52357 | 46 |
| 52358 | 46 |
| 52373 | 102 |
| 52375 | 168 |
| 52378 | 193 |
| 52381 | 187 |
| 52382 | 372, 387 |
| 52384 | 163 |
| 52385 | 220 |
| 52390 | 221 |

| REF. | PAGE |
|---|---|
| 52391 | 349 |
| 52412 | 61 |
| 52414 | 170 |
| 52415 | 170 |
| 52416 | 243 |
| 52417 | 243 |
| 52419 | 116 |
| 52420 | 116 |
| 52421 | 116 |
| 52422 | 256 |
| 52424 | 45 |
| 52425 | 66 |
| 52426 | 66 |
| 52427 | 66 |
| 52428 | 342 |
| 52430 | 429 |
| 52432 | 273 |
| 52433 | 73 |
| 52434 | 238 |
| 52439 | 371 |
| 52450 | 383 |
| 52453 | 347 |
| 52454 | 293 |
| 52455 | 238 |
| 52456 | 168 |
| 52460 | 66 |
| 52462 | 70 |
| 52463 | 70 |
| 52464 | 70 |
| 52466 | 125 |
| 52468 | 65 |
| 52472 | 65 |
| 52473 | 65 |
| 52474 | 221 |
| 52475 | 221 |
| 52476 | 221 |
| 52477 | 221 |
| 52478 | 221 |
| 52479 | 221 |
| 52480 | 221 |
| 52481 | 221 |
| 52482 | 221 |
| 52483 | 221 |
| 52484 | 221 |
| 52485 | 221 |
| 52486 | 221 |
| 52487 | 221 |
| 52488 | 252 |
| 52489 | 254 |
| 52490 | 186 |
| 52491 | 186 |
| 52494 | 278 |
| 52495 | 262 |
| 52497 | 227 |
| 52498 | 346 |
| 52500 | 54 |
| 52502 | 221 |
| 52503 | 221 |
| 52504 | 221 |
| 52505 | 221 |
| 52506 | 221 |
| 52507 | 221 |
| 52508 | 60 |

| REF. | PAGE |
|---|---|
| 52509 | 60 |
| 52511 | 221 |
| 52512 | 221 |
| 52514 | 360 |
| 52515 | 74 |
| 52518 | 241 |
| 52519 | 36, 388 |
| 52524 | 50 |
| 52525 | 50 |
| 52526 | 50 |
| 52527 | 183 |
| 52528 | 184 |
| 52530 | 405 |
| 52533 | 192, 214 |
| 52534 | 405 |
| 52535 | 405 |
| 52536 | 162 |
| 52540 | 190, 214 |
| 52541 | 271 |
| 52542 | 120 |
| 52543 | 191 |
| 52544 | 206 |
| 52545 | 206 |
| 52546 | 202 |
| 52547 | 200 |
| 52550 | 31 |
| 52551 | 289 |
| 52552 | 421 |
| 52565 | 66 |
| 52566 | 171 |
| 52567 | 171 |
| 52568 | 170 |
| 52569 | 170 |
| 52570 | 427 |
| 52571 | 427 |
| 52572 | 427 |
| 52573 | 427 |
| 52574 | 183 |
| 52575 | 72, 191 |
| 52583 | 73 |
| 52588 | 48 |
| 52589 | 218 |
| 52591 | 257 |
| 52592 | 257 |
| 52593 | 257 |
| 52595 | 70 |
| 52596 | 70 |
| 52597 | 70 |
| 52599 | 253 |
| 52600 | 386 |
| 52601 | 342 |
| 52603 | 28 |
| 52604 | 28 |
| 52605 | 28 |
| 52606 | 28 |
| 52607 | 243 |
| 52608 | 243 |
| 52609 | 71 |
| 52615 | 241 |
| 52616 | 333 |
| 52617 | 246 |
| 52619 | 60 |
| 52620 | 32 |

| REF. | PAGE |
|---|---|
| 52621 | 281 |
| 52624 | 293 |
| 52625 | 62, 238 |
| 52626 | 289 |
| 52627 | 289 |
| 52628 | 346 |
| 52629 | 250 |
| 52633 | 408, 409 |
| 52635 | 117 |
| 52636 | 232 |
| 52637 | 281 |
| 52638 | 73 |
| 52639 | 270 |
| 52640 | 278 |
| 52641 | 278 |
| 52642 | 279 |
| 52643 | 419 |
| 52644 | 408 |
| 52645 | 421 |
| 52646 | 421 |
| 52648 | 189 |
| 52649 | 420 |
| 52650 | 420 |
| 52652 | 418 |
| 52653 | 418 |
| 52655 | 420 |
| 52656 | 420 |
| 52657 | 419 |
| 52658 | 419 |
| 52659 | 419 |
| 52660 | 424 |
| 52662 | 418 |
| 52663 | 418 |
| 52664 | 424 |
| 52673 | 419 |
| 52675 | 186 |
| 52676 | 185 |
| 52677 | 243 |
| 52678 | 243 |
| 52685 | 254 |
| 52687 | 264 |
| 52690 | 261 |
| 52691 | 283 |
| 52692 | 364 |
| 52693 | 256 |
| 52694 | 200 |
| 52696 | 258 |
| 52697 | 258 |
| 52699 | 279 |
| 52700 | 74 |
| 52703 | 433 |
| 52711 | 433 |
| 52714 | 33 |
| 52715 | 33 |
| 52716 | 33 |
| 52717 | 33 |
| 52718 | 190 |
| 52719 | 437 |
| 52727 | 288 |
| 52728 | 288 |
| 52729 | 288 |
| 52730 | 288 |
| 52731 | 288 |

| REF. | PAGE |
|---|---|
| 52732 | 288 |
| 52733 | 288 |
| 52734 | 256 |
| 52735 | 197 |
| 52736 | 197 |
| 52737 | 197 |
| 52738 | 427 |
| 52739 | 427 |
| 52740 | 217 |
| 52749 | 223 |
| 52753 | 31 |
| 52754 | 259 |
| 52757 | 250 |
| 52758 | 186 |
| 52760 | 74 |
| 52761 | 64 |
| 52762 | 64 |
| 52765 | 218 |
| 52773 | 404 |
| 52774 | 404 |
| 52775 | 404 |
| 52781 | 404 |
| 52783 | 404 |
| 52786 | 67 |
| 52787 | 187 |
| 52788 | 213 |
| 52789 | 255, 346 |
| 52791 | 61 |
| 52794 | 73 |
| 52795 | 400 |
| 52796 | 298 |
| 52797 | 341 |
| 52798 | 186 |
| 52801 | 255 |
| 52802 | 295 |
| 52804 | 345 |
| 52805 | 345 |
| 52806 | 345 |
| 52807 | 345 |
| 52809 | 241 |
| 52810 | 201 |
| 52811 | 201 |
| 52812 | 60 |
| 52813 | 254 |
| 52814 | 179 |
| 52815 | 259 |
| 52816 | 282 |
| 52817 | 282 |
| 52819 | 292 |
| 52821 | 256 |
| 52822 | 281 |
| 52827 | 169 |
| 52828 | 169 |
| 52829 | 270, 409 |
| 52831 | 67 |
| 52832 | 261 |
| 52833 | 295 |
| 52834 | 208 |
| 52835 | 208 |
| 52836 | 217 |
| 52838 | 172 |
| 52839 | 173 |
| 52842 | 424 |

| REF. | PAGE |
|---|---|
| 52843 | 174 |
| 52845 | 363 |
| 52846 | 59 |
| 52847 | 59 |
| 52849 | 281 |
| 52850 | 261 |
| 52851 | 213, 443 |
| 52852 | 294 |
| 52858 | 249 |
| 52869 | 124 |
| 52870 | 124 |
| 52871 | 124 |
| 52873 | 73 |
| 52874 | 278 |
| 52875 | 278 |
| 52876 | 212 |
| 52877 | 68 |
| 52878 | 68 |
| 52879 | 68 |
| 52880 | 421 |
| 52881 | 421 |
| 52882 | 256 |
| 52884 | 370 |
| 52885 | 68 |
| 52886 | 444 |
| 52887 | 444 |
| 52888 | 448 |
| 52889 | 446 |
| 52890 | 447 |
| 52891 | 446 |
| 52892 | 447 |
| 52893 | 448 |
| 52894 | 446 |
| 52895 | 448 |
| 52896 | 444 |
| 52897 | 447 |
| 52898 | 447 |
| 52899 | 445 |
| 52900 | 445 |
| 52901 | 445 |
| 52902 | 386 |
| 52903 | 386 |
| 52904 | 73 |
| 52905 | 74 |
| 52906 | 234 |
| 52908 | 34 |
| 52909 | 34 |
| 52910 | 169 |
| 52912 | 41, 110 |
| 52913 | 51 |
| 52914 | 209 |
| 52915 | 209 |
| 52916 | 209 |
| 52917 | 209 |
| 52918 | 209 |
| 52919 | 209 |
| 52920 | 209 |
| 52921 | 209 |
| 52922 | 209 |
| 52923 | 209 |
| 52924 | 209 |
| 52925 | 209 |
| 52926 | 209 |

| REF. | PAGE |
|---|---|
| 52927 | 209 |
| 52928 | 209 |
| 52929 | 209 |
| 52930 | 210 |
| 52931 | 210 |
| 52932 | 210 |
| 52933 | 210 |
| 52934 | 210 |
| 52935 | 210 |
| 52936 | 210 |
| 52937 | 210 |
| 52938 | 210 |
| 52939 | 210 |
| 52940 | 210 |
| 52941 | 210 |
| 52942 | 210 |
| 52943 | 210 |
| 52944 | 210 |
| 52945 | 210 |
| 52952 | 372, 387 |
| 52953 | 183 |
| 52955 | 63 |
| 52956 | 63 |
| 52957 | 63 |
| 52958 | 63 |
| 52959 | 63 |
| 52960 | 63 |
| 52962 | 295 |
| 52963 | 263 |
| 52964 | 57 |
| 52965 | 57 |
| 52966 | 57 |
| 52967 | 57 |
| 52969 | 202 |
| 52977 | 214 |
| 52980 | 379 |
| 52982 | 62, 220 |
| 52985 | 361 |
| 52987 | 161 |
| 52991 | 348 |
| 52992 | 348 |
| 52998 | 218 |
| 52999 | 361 |
| 53001 | 263 |
| 53008 | 241 |
| 53009 | 250 |
| 53010 | 55 |
| 53017 | 40 |
| 53018 | 41 |
| 53025 | 72 |
| 53026 | 72 |
| 53027 | 72 |
| 53028 | 371 |
| 53029 | 371 |
| 53030 | 371 |
| 53031 | 124 |
| 53032 | 124 |
| 53033 | 411 |
| 53037 | 421 |
| 53038 | 421 |
| 53039 | 421 |
| 53041 | 285 |
| 53042 | 73 |

| REF. | PAGE |
|---|---|
| 53043 | 206 |
| 53045 | 172 |
| 53046 | 172 |
| 53047 | 170 |
| 53048 | 170 |
| 53049 | 171 |
| 53051 | 170 |
| 53052 | 171 |
| 53053 | 294 |
| 53054 | 287 |
| 53055 | 287 |
| 53056 | 290 |
| 53057 | 262 |
| 53058 | 290 |
| 53059 | 290 |
| 53060 | 201 |
| 53062 | 289 |
| 53063 | 193 |
| 53064 | 193 |
| 53065 | 193 |
| 53066 | 193 |
| 53067 | 193 |
| 53068 | 193 |
| 53069 | 250 |
| 53070 | 45 |
| 53071 | 45 |
| 53072 | 45 |
| 53073 | 45 |
| 53074 | 18 |
| 53077 | 205 |
| 53078 | 347 |
| 53079 | 223 |
| 53080 | 223 |
| 53081 | 52 |
| 53082 | 52 |
| 53083 | 69 |
| 53084 | 35 |
| 53086 | 287 |
| 53088 | 403 |
| 53089 | 403 |
| 53090 | 403 |
| 53092 | 403 |
| 53093 | 403 |
| 53095 | 69 |
| 53096 | 251 |
| 53108 | 21 |
| 53110 | 213, 443 |
| 53111 | 374 |
| 53112 | 352 |
| 53118 | 271 |
| 53119 | 256 |
| 53120 | 68 |
| 53121 | 68 |
| 53122 | 68 |
| 53124 | 222 |
| 53125 | 222 |
| 53126 | 224 |
| 53127 | 34 |
| 53129 | 292 |
| 53134 | 224 |
| 53137 | 184 |
| 53141 | 184 |
| 53144 | 346 |

| REF. | PAGE |
|---|---|
| 53145 | 374 |
| 53146 | 288 |
| 53147 | 192 |
| 53150 | 419 |
| 53151 | 173 |
| 53154 | 36, 388 |
| 53156 | 32 |
| 53159 | 25 |
| 53162 | 374 |
| 53165 | 36, 388 |
| 53166 | 384, 393 |
| 53167 | 384, 393 |
| 53168 | 384, 393 |
| 53178 | 404 |
| 53179 | 404 |
| 53180 | 404 |
| 53182 | 404 |
| 53183 | 404 |
| 53184 | 404 |
| 53187 | 348 |
| 53188 | 348 |
| 53189 | 382 |
| 53190 | 382 |
| 53191 | 126, 230 |
| 53192 | 126 |
| 53196 | 227 |
| 53197 | 205 |
| 53198 | 349 |
| 53202 | 191 |
| 53204 | 191 |
| 53205 | 187 |
| 53206 | 242 |
| 53207 | 295 |
| 53208 | 297 |
| 53209 | 371 |
| 53210 | 45 |
| 53211 | 120 |
| 53212 | 16 |
| 53214 | 345 |
| 53215 | 346 |
| 53216 | 162 |
| 53217 | 163 |
| 53218 | 358 |
| 53221 | 227 |
| 53224 | 212 |
| 53225 | 56 |
| 53226 | 414 |
| 53229 | 437 |
| 53230 | 216 |
| 53232 | 219 |
| 53235 | 244 |
| 53236 | 244 |
| 53237 | 244 |
| 53238 | 244 |
| 53240 | 285 |
| 53241 | 405 |
| 53246 | 364 |
| 53249 | 262 |
| 53250 | 290 |
| 53251 | 258 |
| 53256 | 416 |
| 53259 | 305 |
| 53260 | 305 |

| REF. | PAGE |
|---|---|
| 53261 | 305 |
| 53262 | 305 |
| 53263 | 305 |
| 53264 | 306 |
| 53265 | 306 |
| 53266 | 306 |
| 53267 | 306 |
| 53268 | 309 |
| 53269 | 307 |
| 53270 | 317 |
| 53271 | 318 |
| 53272 | 318 |
| 53273 | 318 |
| 53274 | 327 |
| 53275 | 327 |
| 53276 | 327 |
| 53277 | 327 |
| 53278 | 326 |
| 53279 | 327 |
| 53280 | 327 |
| 53281 | 328 |
| 53282 | 328 |
| 53283 | 328 |
| 53284 | 328 |
| 53285 | 328 |
| 53286 | 330 |
| 53287 | 331 |
| 53288 | 328 |
| 53289 | 320 |
| 53290 | 320 |
| 53291 | 321 |
| 53292 | 321 |
| 53293 | 313 |
| 53294 | 313 |
| 53295 | 313 |
| 53296 | 313 |
| 53297 | 316 |
| 53298 | 316 |
| 53299 | 322 |
| 53300 | 323 |
| 53301 | 323 |
| 53302 | 323 |
| 53303 | 301 |
| 53304 | 302 |
| 53305 | 323 |
| 53306 | 302 |
| 53307 | 323 |
| 53308 | 302 |
| 53309 | 302 |
| 53310 | 302 |
| 53311 | 320 |
| 53312 | 302 |
| 53313 | 310 |
| 53314 | 310 |
| 53315 | 331 |
| 53316 | 324 |
| 53317 | 324 |
| 53319 | 303 |
| 53320 | 329 |
| 53321 | 329 |
| 53324 | 314 |
| 53325 | 329 |
| 53326 | 329 |

| REF. | PAGE |
|---|---|
| 53327 | 329 |
| 53328 | 295 |
| 53330 | 256 |
| 53331 | 71 |
| 53332 | 71 |
| 53339 | 74 |
| 53340 | 437 |
| 53346 | 47 |
| 53348 | 432 |
| 53349 | 441 |
| 53350 | 432 |
| 53351 | 434 |
| 53352 | 438 |
| 53353 | 436 |
| 53354 | 435 |
| 53355 | 442 |
| 53356 | 442 |
| 53357 | 443 |
| 53358 | 438 |
| 53359 | 438 |
| 53360 | 434 |
| 53361 | 434 |
| 53362 | 435 |
| 53363 | 432 |
| 53364 | 432 |
| 53365 | 435 |
| 53366 | 435 |
| 53367 | 442 |
| 53368 | 442 |
| 53369 | 435 |
| 53370 | 441 |
| 53371 | 432 |
| 53372 | 432 |
| 53373 | 433 |
| 53374 | 441 |
| 53376 | 441 |
| 53377 | 436 |
| 53378 | 438 |
| 53380 | 442 |
| 53381 | 439 |
| 53382 | 433 |
| 53383 | 433 |
| 53384 | 280 |
| 53385 | 63, 443 |
| 53388 | 283 |
| 53389 | 58 |
| 53390 | 60 |
| 53391 | 284 |
| 53393 | 284 |
| 53394 | 272 |
| 53395 | 264 |
| 53396 | 61 |
| 53400 | 119 |
| 53401 | 119 |
| 53402 | 119 |
| 53403 | 119 |
| 53405 | 119 |
| 53406 | 119 |
| 53407 | 119 |
| 53408 | 119 |
| 53409 | 119 |
| 53410 | 262 |
| 53411 | 62 |

| REF. | PAGE |
|---|---|
| 53412 | 62 |
| 53414 | 375 |
| 53415 | 375 |
| 53416 | 189 |
| 53417 | 189 |
| 53418 | 189 |
| 53419 | 424 |
| 53420 | 42 |
| 53421 | 353 |
| 53422 | 352 |
| 53423 | 363 |
| 53426 | 255 |
| 53428 | 171 |
| 53429 | 171 |
| 53430 | 210 |
| 53434 | 440 |
| 53441 | 241 |
| 53444 | 27 |
| 53445 | 62 |
| 53449 | 189 |
| 53450 | 189 |
| 53452 | 324 |
| 53453 | 265 |
| 53456 | 266 |
| 53459 | 268 |
| 53463 | 293 |
| 53464 | 436 |
| 53468 | 50 |
| 53470 | 204 |
| 53472 | 246 |
| 53473 | 246 |
| 53474 | 285 |
| 53477 | 263 |
| 53478 | 50 |
| 53479 | 50 |
| 53480 | 50 |
| 53481 | 50 |
| 53484 | 373 |
| 53486 | 216 |
| 53487 | 62 |
| 53488 | 280 |
| 53489 | 255 |
| 53490 | 254 |
| 53492 | 192, 456 |
| 53499 | 266 |
| 53500 | 266 |
| 53501 | 250 |
| 53502 | 294 |
| 53503 | 383 |
| 53505 | 165 |
| 53506 | 165 |
| 53507 | 400 |
| 53508 | 411 |
| 53517 | 68 |
| 53518 | 347 |
| 53522 | 250 |
| 53523 | 321 |
| 53524 | 294 |
| 53525 | 215 |
| 53526 | 384, 392 |
| 53531 | 200 |
| 53532 | 195, 392 |
| 53536 | 173 |

| REF. | PAGE |
|---|---|
| 53539 | 267 |
| 53542 | 190, 424 |
| 53543 | 382 |
| 53545 | 212 |
| 53547 | 57 |
| 53548 | 57 |
| 53549 | 57 |
| 53550 | 57 |
| 53551 | 426 |
| 53552 | 426 |
| 53553 | 426 |
| 53561 | 411 |
| 53565 | 23 |
| 53566 | 341 |
| 53567 | 192, 214 |
| 53570 | 167 |
| 53572 | 191, 261 |
| 53573 | 182 |
| 53574 | 32 |
| 53575 | 56 |
| 53581 | 195, 392 |
| 53582 | 195, 392 |
| 53583 | 195, 392 |
| 53584 | 384, 392 |
| 53585 | 384, 392 |
| 53586 | 384, 392 |
| 53587 | 204 |
| 53588 | 177 |
| 53589 | 74 |
| 53590 | 360 |
| 53592 | 350 |
| 53593 | 191 |
| 53594 | 194 |
| 53595 | 194 |
| 53596 | 428 |
| 53597 | 428 |
| 53598 | 428 |
| 53599 | 268, 438 |
| 53605 | 423 |
| 53608 | 177 |
| 53609 | 336 |
| 53610 | 336 |
| 53611 | 186 |
| 53612 | 345 |
| 53613 | 72 |
| 53614 | 72 |
| 53615 | 72 |
| 53616 | 72 |
| 53617 | 72 |
| 53618 | 72 |
| 53620 | 112 |
| 53621 | 402 |
| 53623 | 402 |
| 53625 | 189 |
| 53626 | 185, 218 |
| 53627 | 341 |
| 53629 | 195 |
| 53630 | 195 |
| 53631 | 195 |
| 53632 | 195 |
| 53633 | 195 |
| 53634 | 195 |
| 53635 | 279 |

| REF. | PAGE |
|---|---|
| 53636 | 400 |
| 53637 | 261 |
| 53638 | 279 |
| 53639 | 45 |
| 53640 | 45 |
| 53641 | 45 |
| 53642 | 45 |
| 53643 | 45 |
| 53644 | 339 |
| 53645 | 338 |
| 53646 | 185 |
| 53648 | 331 |
| 53649 | 331 |
| 53650 | 251 |
| 53651 | 324 |
| 53652 | 287 |
| 53653 | 314 |
| 53654 | 43 |
| 53655 | 215 |
| 53656 | 377 |
| 53657 | 377 |
| 53658 | 377 |
| 53659 | 377 |
| 53660 | 377 |
| 53661 | 93 |
| 53662 | 258 |
| 53663 | 283 |
| 53664 | 292 |
| 53665 | 287 |
| 53666 | 287 |
| 53667 | 34 |
| 53668 | 34 |
| 53669 | 294 |
| 53670 | 243 |
| 53671 | 48, 112 |
| 53672 | 100 |
| 53673 | 217 |
| 53674 | 113 |
| 53675 | 220 |
| 53676 | 220 |
| 53677 | 220 |
| 53678 | 220 |
| 53681 | 179 |
| 53683 | 235 |
| 53684 | 360 |
| 53685 | 224 |
| 53686 | 93 |
| 53687 | 368 |
| 53688 | 368 |
| 53689 | 176 |
| 53690 | 168 |
| 53691 | 168 |
| 53693 | 408 |
| 53694 | 55 |
| 53695 | 408 |
| 53696 | 293 |
| 53697 | 336 |
| 53698 | 408 |
| 53701 | 287 |
| 53702 | 121 |
| 53703 | 121 |
| 53704 | 121 |
| 53705 | 412 |

| REF. | PAGE |
|---|---|
| 53706 | 330 |
| 53708 | 77, 78, 84, 87, 93, 97, 103 |
| 53710 | 452 |
| 53711 | 452 |
| 53712 | 451 |
| 53713 | 451 |
| 53714 | 451 |
| 53715 | 450 |
| 53716 | 450 |
| 53717 | 450 |
| 53718 | 449 |
| 53719 | 449 |
| 53720 | 449 |
| 53725 | 352 |
| 53726 | 176 |
| 53727 | 22 |
| 53728 | 22 |
| 53729 | 218 |
| 53733 | 178 |
| 53734 | 160 |
| 53735 | 244 |
| 53736 | 223 |
| 53737 | 44 |
| 53738 | 44 |
| 53739 | 44 |
| 53740 | 44 |
| 53742 | 272 |
| 53743 | 33, 206 |
| 53744 | 201 |
| 53745 | 409 |
| 53746 | 409 |
| 53747 | 409 |
| 53748 | 409 |
| 53749 | 409 |
| 53750 | 409 |
| 53751 | 409 |
| 53752 | 409 |
| 53753 | 409 |
| 53754 | 409 |
| 53755 | 409 |
| 53756 | 409 |
| 53757 | 409 |
| 53758 | 409 |
| 53759 | 409 |
| 53760 | 409 |
| 53761 | 92 |
| 53762 | 92 |
| 53767 | 93 |
| 53768 | 92 |
| 53769 | 95, 333 |
| 53770 | 95, 333 |
| 53771 | 95, 334 |
| 53772 | 95, 334 |
| 53773 | 95, 334 |
| 53774 | 95, 334 |
| 53775 | 95, 334 |
| 53776 | 161 |
| 53778 | 400 |
| 53779 | 357 |
| 53780 | 163 |
| 53782 | 121 |

| REF. | PAGE |
|---|---|
| 53784 | 181 |
| 53785 | 429 |
| 53786 | 430 |
| 53796 | 430 |
| 53808 | 430 |
| 53809 | 430 |
| 53811 | 430 |
| 53839 | 430 |
| 53845 | 357 |
| 53849 | 349 |
| 53850 | 134 |
| 53851 | 136 |
| 53852 | 136 |
| 53853 | 136 |
| 53854 | 136 |
| 53855 | 136 |
| 53856 | 136 |
| 53857 | 137 |
| 53858 | 137 |
| 53859 | 137 |
| 53860 | 137 |
| 53861 | 137 |
| 53862 | 429 |
| 53863 | 429 |
| 53864 | 417 |
| 53867 | 98 |
| 53868 | 84 |
| 53869 | 90 |
| 53870 | 90 |
| 53872 | 393 |
| 53873 | 344 |
| 53874 | 344 |
| 53875 | 292 |
| 53876 | 310 |
| 53877 | 457 |
| 53878 | 457 |
| 53880 | 359 |
| 53881 | 195, 392 |
| 53882 | 195, 392 |
| 53883 | 48 |
| 53884 | 48 |
| 53885 | 48 |
| 53886 | 48 |
| 53887 | 48 |
| 53888 | 48 |
| 53895 | 356 |
| 53896 | 356 |
| 53897 | 356 |
| 53898 | 356 |
| 53903 | 125 |
| 53904 | 93 |
| 53905 | 58 |
| 53906 | 58 |
| 53908 | 59 |
| 53909 | 59 |
| 53910 | 440 |
| 53911 | 59 |
| 53912 | 90 |
| 53913 | 90 |
| 53914 | 456 |
| 53915 | 30 |
| 53917 | 54 |
| 53919 | 410 |

| REF. | PAGE |
|---|---|
| 53921 | 227 |
| 53922 | 227 |
| 53927 | 369 |
| 53928 | 26 |
| 53929 | 369 |
| 53932 | 64 |
| 53939 | 84 |
| 53940 | 96, 390, 430 |
| 53942 | 96, 390, 430 |
| 53943 | 54, 109 |
| 53944 | 54, 109 |
| 53945 | 54, 109 |
| 53947 | 229, 381 |
| 53948 | 229, 381 |
| 53951 | 95, 334 |
| 53952 | 95, 334 |
| 53953 | 22 |
| 53954 | 44 |
| 53955 | 44 |
| 53956 | 454 |
| 53958 | 125 |
| 53964 | 411 |
| 53965 | 411 |
| 53967 | 59 |
| 53969 | 363 |
| 53972 | 51 |
| 53973 | 454 |
| 53976 | 63 |
| 53977 | 374 |
| 53978 | 233 |
| 53979 | 43, 111 |
| 53980 | 43, 111 |
| 53981 | 375 |
| 53982 | 375 |
| 53983 | 222 |
| 53984 | 426 |
| 53985 | 426 |
| 53986 | 426 |
| 53987 | 390, 430 |
| 53988 | 205 |
| 53992 | 441 |
| 53993 | 69 |
| 53997 | 253 |
| 53999 | 145 |
| 54000 | 145 |
| 54001 | 356 |
| 54002 | 145 |
| 54003 | 286 |
| 54004 | 163 |
| 54005 | 46 |
| 54006 | 92 |
| 54008 | 145 |
| 54010 | 145 |
| 54011 | 145 |
| 54013 | 401, 418 |
| 54015 | 59 |
| 54016 | 237 |
| 54017 | 214 |
| 54018 | 47 |
| 54019 | 47 |
| 54021 | 47 |

| REF. | PAGE |
|---|---|
| 54022 | 47 |
| 54023 | 47 |
| 54024 | 47 |
| 54028 | 49 |
| 54029 | 49 |
| 54030 | 49 |
| 54031 | 49 |
| 54032 | 40, 110 |
| 54033 | 261 |
| 54034 | 11 |
| 54035 | 12 |
| 54036 | 13 |
| 54037 | 14 |
| 54038 | 15 |
| 54039 | 165 |
| 54040 | 370 |
| 54041 | 39 |
| 54042 | 407 |
| 54042N | 407 |
| 54044 | 173 |
| 54045 | 11 |
| 54046 | 12 |
| 54047 | 13 |
| 54048 | 14 |
| 54049 | 15 |
| 54050 | 343 |
| 54051 | 347 |
| 54053 | 386 |
| 54054 | 386 |
| 54055 | 386 |
| 54056 | 386 |
| 54057 | 386 |
| 54058 | 386 |
| 54059 | 386 |
| 54060 | 56 |
| 54061 | 56 |
| 54066 | 41, 110 |
| 54068 | 240 |
| 54069 | 269 |
| 54070 | 56 |
| 54071 | 56 |
| 54072 | 407 |
| 54073 | 410 |
| 54074 | 410 |
| 54078 | 174 |
| 54079 | 38 |
| 54080 | 121 |
| 54081 | 42 |
| 54082 | 17 |
| 54083 | 47 |
| 54084 | 47 |
| 54085 | 47 |
| 54086 | 47 |
| 54087 | 47 |
| 54088 | 165 |
| 54089 | 69 |
| 54090 | 21 |
| 54091 | 35, 387 |
| 54092 | 329 |
| 54093 | 35, 96, 111, 387, 390 |
| 54097 | 38 |
| 54098 | 45 |

| REF. | PAGE |
|---|---|
| 54099 | 69 |
| 54100 | 338 |
| 54101 | 41 |
| 54105 | 20 |
| 54106 | 19, 46 |
| 54108 | 18 |
| 54109 | 20 |
| 54110 | 40 |
| 54111 | 375 |
| 54112 | 64 |
| 54113 | 375 |
| 54114 | 96, 371, 388, 390 |
| 54115 | 42 |
| 54116 | 18 |
| 54117 | 40 |
| 54119 | 39 |
| 54120 | 38 |
| 54122 | 160 |
| 54123 | 160 |
| 54124 | 160 |
| 54125 | 382 |
| 54126 | 55 |
| 54129 | 96, 389, 390 |
| 54130 | 96, 388, 390 |
| 54131 | 388 |
| 54132 | 96, 389, 390 |
| 54133 | 165 |
| 54134 | 94, 105 |
| 54135 | 238 |
| 54136 | 424 |
| 54137 | 353 |
| 54139 | 265 |
| 54140 | 18 |
| 54141 | 30 |
| 54142 | 65 |
| 54143 | 357 |
| 54144 | 357 |
| 54145 | 357 |
| 54146 | 357 |
| 54147 | 357 |
| 54149 | 38 |
| 54150 | 38 |
| 54151 | 426 |
| 54152 | 426 |
| 54153 | 426 |
| 54154 | 29 |
| 54155 | 426 |
| 54156 | 426 |
| 54157 | 426 |
| 54158 | 111 |
| 54159 | 42 |
| 54160L | 172 |
| 54160R | 172 |
| 54161 | 172 |
| 54162 | 173 |
| 54163 | 172 |
| 54164 | 29 |
| 54166 | 410 |
| 54168 | 20 |
| 54169 | 410 |
| 54170 | 410 |

| REF. | PAGE |
|---|---|
| 54172 | 168 |
| 54173 | 168 |
| 54174 | 39 |
| 54175 | 366 |
| 54176 | 394 |
| 54177 | 426 |
| 54178 | 426 |
| 54179 | 426 |
| 54181 | 347 |
| 54182 | 347 |
| 54183 | 347 |
| 54184 | 347 |
| 54186 | 247 |
| 54187 | 43 |
| 54188 | 428 |
| 54189 | 428 |
| 54190 | 428 |
| 54191 | 428 |
| 54192 | 427 |
| 54193 | 427 |
| 54194 | 427 |
| 54195 | 427 |
| 54198 | 424 |
| 54199 | 332 |
| 54200 | 332 |
| 54201 | 314 |
| 54202 | 303 |
| 54203 | 303 |
| 54204 | 314 |
| 54205 | 325 |
| 54206 | 307 |
| 54207 | 317 |
| 54208 | 314 |
| 54209 | 315 |
| 54210 | 321 |
| 54211 | 303 |
| 54212 | 303 |
| 54213 | 311 |
| 54214 | 325 |
| 54215 | 303 |
| 54216 | 304 |
| 54217 | 325 |
| 54218 | 333 |
| 54219 | 307 |
| 54220 | 250 |
| 54221 | 325 |
| 54222 | 307 |
| 54223 | 315 |
| 54224 | 315 |
| 54225 | 321 |
| 54226 | 332 |
| 54227 | 307 |
| 54228 | 307 |
| 54229 | 381 |
| 54230 | 381 |
| 54231 | 381 |
| 54232 | 381 |
| 54233 | 96, 390 |
| 54234 | 96, 390 |
| 54235 | 96, 390 |
| 54236 | 96, 390 |
| 54237 | 94 |
| 54238 | 94 |

| REF. | PAGE |
|---|---|
| 54239 | 94 |
| 54240 | 94 |
| 54241 | 96, 389, 390 |
| 54246 | 216 |
| 54247 | 216 |
| 54248 | 188 |
| 54249 | 188 |
| 54250 | 10 |
| 54251 | 186 |
| 54252 | 152 |
| 54253 | 294 |
| 54254 | 64 |
| 54255 | 191, 349 |
| 54256 | 371 |
| 54257 | 358 |
| 54258 | 19 |
| 54260 | 315 |
| 54261 | 24 |
| 54262 | 398 |
| 54263 | 398 |
| 54264 | 398 |
| 54265 | 386 |
| 54266 | 29 |
| 54267 | 163 |
| 54269 | 52 |
| 54270 | 166 |
| 54271 | 166 |
| 54273 | 257 |
| 54274 | 257 |
| 54275 | 257 |
| 54277 | 20 |
| 54278 | 455 |
| 54279 | 61 |
| 54280 | 286 |
| 54288 | 311 |
| 54289 | 322 |
| 54290 | 343 |
| 54293 | 306 |
| 54295 | 99 |
| 54296 | 99 |
| 54297 | 99 |
| 54299 | 291 |
| 54302 | 54 |
| 54304 | 47 |
| 54305 | 398 |
| 54306 | 397 |
| 54308 | 397 |
| 54310 | 397 |
| 54311 | 61 |
| 54312 | 253 |
| 54313 | 136 |
| 54314 | 136 |
| 54316 | 203 |
| 54317 | 297 |
| 54318 | 258 |
| 54322 | 96, 390, 430 |
| 54323 | 311 |
| 54324 | 309 |
| 54325 | 455 |
| 54326 | 96, 390, 430 |
| 54328 | 114 |

| REF. | PAGE |
|---|---|
| 54329 | 419 |
| 54330 | 61 |
| 54331 | 68 |
| 54336 | 181 |
| 54338 | 42 |
| 54339 | 51 |
| 54340 | 177 |
| 54341 | 198 |
| 54342 | 379 |
| 54343 | 50 |
| 54344 | 164 |
| 54345 | 248 |
| 54346 | 137, 230 |
| 54347 | 258 |
| 54348 | 136 |
| 54349 | 365 |
| 54350 | 365 |
| 54351 | 365 |
| 54352 | 365 |
| 54353 | 365 |
| 54354 | 365 |
| 54355 | 365 |
| 54356 | 366 |
| 54357 | 365 |
| 54358 | 365 |
| 54359 | 366 |
| 54360 | 365 |
| 54361 | 365 |
| 54362 | 366 |
| 54363 | 365 |
| 54364 | 366 |
| 54365 | 365 |
| 54366 | 366 |
| 54367 | 343 |
| 54369 | 426 |
| 54370 | 426 |
| 54371 | 426 |
| 54372 | 237 |
| 54373 | 253 |
| 54374 | 121 |
| 54376 | 61 |
| 54379 | 162 |
| 54380 | 43 |
| 54381 | 283 |
| 54382 | 283 |
| 54383 | 283 |
| 54384 | 269 |
| 54386 | 364, 389 |
| 54388 | 101 |
| 54389 | 97 |
| 54390 | 438 |
| 54391 | 252 |
| 54392 | 252 |
| 54393 | 123 |
| 54394 | 123 |
| 54395 | 123 |
| 54396 | 359 |
| 54397 | 178 |
| 54398 | 308 |
| 54399 | 308 |
| 54400 | 308 |
| 54401 | 308 |
| 54402 | 308 |

| REF. | PAGE |
|---|---|
| 54403 | 308 |
| 54404 | 309 |
| 54405 | 309 |
| 54406 | 309 |
| 54407 | 333 |
| 54408 | 330 |
| 54409 | 330 |
| 54410 | 330 |
| 54411 | 330 |
| 54412 | 332 |
| 54413 | 332 |
| 54414 | 319 |
| 54415 | 319 |
| 54416 | 319 |
| 54417 | 319 |
| 54418 | 319 |
| 54419 | 292 |
| 54420 | 313 |
| 54421 | 313 |
| 54422 | 316 |
| 54423 | 316 |
| 54424 | 314 |
| 54425 | 316 |
| 54426 | 317 |
| 54427 | 317 |
| 54428 | 318 |
| 54429 | 318 |
| 54430 | 304 |
| 54431 | 332 |
| 54432 | 311 |
| 54433 | 311 |
| 54434 | 325 |
| 54435 | 324 |
| 54436 | 325 |
| 54437 | 324 |
| 54438 | 321 |
| 54439 | 322 |
| 54441 | 305 |
| 54442 | 309 |
| 54444 | 304 |
| 54445 | 304 |
| 54454 | 326 |
| 54455 | 292 |
| 54457 | 292 |
| 54460 | 292 |
| 54462 | 312 |
| 54463 | 315 |
| 54464 | 315 |
| 54465 | 316 |
| 54466 | 331 |
| 54467 | 331 |
| 54471 | 301 |
| 54477 | 322 |
| 54479 | 61 |
| 54480 | 455 |
| 54481 | 43, 111 |
| 54482 | 376 |
| 54483 | 365 |
| 54484 | 365 |
| 54485 | 365 |
| 54486 | 365 |
| 54487 | 366 |
| 54488 | 365 |

| REF. | PAGE |
|---|---|
| 54489 | 366 |
| 54490 | 366 |
| 54491 | 366 |
| 54492 | 366 |
| 54493 | 365 |
| 54494 | 365 |
| 54495 | 366 |
| 54496 | 366 |
| 54497 | 366 |
| 54498 | 345 |
| 54499 | 102 |
| 54500 | 167 |
| 54501 | 95, 334 |
| 54502 | 95, 334 |
| 54503 | 97 |
| 54504 | 100 |
| 54505 | 67 |
| 54506 | 454 |
| 54507 | 454 |
| 54509 | 86 |
| 54510 | 88 |
| 54511 | 85 |
| 54512 | 378 |
| 54513 | 280 |
| 54514 | 192, 340 |
| 54516 | 354 |
| 54517 | 354 |
| 54518 | 99 |
| 54519 | 99 |
| 54520 | 99 |
| 54521 | 176 |
| 54522 | 378 |
| 54523 | 268 |
| 54524 | 373 |
| 54525 | 257 |
| 54526 | 53 |
| 54527 | 53 |
| 54529 | 52 |
| 54530 | 52 |
| 54531 | 44 |
| 54532 | 44 |
| 54533 | 53 |
| 54534 | 403 |
| 54535 | 99 |
| 54536 | 268 |
| 54537 | 99 |
| 54538 | 246 |
| 54539 | 30 |
| 54542 | 242 |
| 54543 | 242 |
| 54544 | 164 |
| 54545 | 34 |
| 54546 | 34 |
| 54547 | 176 |
| 54548 | 204 |
| 54551 | 55 |
| 54552 | 55 |
| 54554 | 382 |
| 54555 | 192, 340 |
| 54556 | 183, 227 |
| 54557 | 370 |
| 54558 | 346 |
| 54559 | 370 |

| REF. | PAGE |
|---|---|
| 54560 | 279 |
| 54561 | 374 |
| 54562 | 36, 388 |
| 54563 | 198 |
| 54564 | 364, 389 |
| 54565 | 266 |
| 54566 | 248 |
| 54567 | 160 |
| 54579 | 224 |
| 54581 | 423 |
| 54582 | 423 |
| 54583 | 119 |
| 54584 | 232 |
| 54585 | 69 |
| 54586 | 33, 132 |
| 54587 | 247 |
| 54588 | 235 |
| 54589 | 235 |
| 54590 | 255 |
| 54591 | 264 |
| 54592 | 312 |
| 54593 | 320 |
| 54594 | 312 |
| 54595 | 279 |
| 54597 | 361 |
| 54598 | 249 |
| 54599 | 161 |
| 54600 | 161 |
| 54601 | 161 |
| 54647 | 49 |
| 54648 | 49 |
| 54649 | 49 |
| 54655 | 416 |
| 54656 | 417 |
| 54657 | 417 |
| 54658 | 417 |
| 54659 | 417 |
| 54660 | 417 |
| 54661 | 417 |
| 54662 | 417 |
| 54663 | 417 |
| 54664 | 417 |
| 54665 | 417 |
| 54666 | 417 |
| 54667 | 417 |
| 54668 | 417 |
| 54669 | 417 |
| 54670 | 417 |
| 54671 | 417 |
| 54672 | 455 |
| 54673 | 417 |
| 54674 | 417 |
| 54675 | 417 |
| 54676 | 417 |
| 54677 | 349 |
| 54679 | 361 |
| 54681 | 395 |
| 54682 | 126, 230 |
| 54683 | 157 |
| 54684 | 54 |
| 54685 | 373 |
| 54688 | 91 |
| 54689 | 91, 104 |

| REF. | PAGE |
|---|---|
| 54690 | 91 |
| 54691 | 49 |
| 54694 | 49 |
| 54696 | 52 |
| 54697 | 58 |
| 54698 | 63 |
| 54699 | 67 |
| 54700 | 72 |
| 54701 | 72 |
| 54702 | 64 |
| 54703 | 68 |
| 54704 | 67 |
| 54705 | 67 |
| 54706 | 372 |
| 54707 | 373 |
| 54708 | 243 |
| 54709 | 59 |
| 54710 | 59 |
| 54711 | 58 |
| 54717 | 89 |
| 54718 | 89 |
| 54719 | 349 |
| 54720 | 89, 106 |
| 54721 | 237 |
| 54722 | 310 |
| 54723 | 86 |
| 54724 | 88 |
| 54725 | 85 |
| 54733 | 376 |
| 54734 | 206 |
| 54736 | 293 |
| 54738 | 318 |
| 54739 | 310 |
| 54740 | 248 |
| 54743 | 301 |
| 54744 | 317 |
| 54745 | 301 |
| 54746 | 326 |
| 54749 | 269 |
| 54750 | 249 |
| 54751 | 354 |
| 54753 | 378 |
| 54757 | 354 |
| 54758 | 115 |
| 54759 | 115 |
| 54760 | 401, 418 |
| 54761 | 366 |
| 54762 | 366 |
| 54763 | 366 |
| 54764 | 271 |
| 54768 | 247 |
| 54769 | 157 |
| 54770 | 177 |
| 54771 | 228, 380 |
| 54772 | 257 |
| 54777 | 63 |
| 54778 | 63 |
| 54779 | 63 |
| 54783 | 52 |
| 54784 | 118 |
| 54785 | 51 |
| 54786 | 353 |
| 54787 | 416 |

| REF. | PAGE |
|---|---|
| 54788 | 416 |
| 54789 | 226 |
| 54792 | 194 |
| 54793 | 194 |
| 54794 | 183 |
| 54795 | 377 |
| 54796 | 304 |
| 54800 | 260 |
| 54802 | 246 |
| 54804 | 122 |
| 54805 | 126, 167, 229 |
| 54806 | 200 |
| 54809 | 297 |
| 54810 | 296 |
| 54811 | 297 |
| 54812 | 297 |
| 54813 | 296 |
| 54814 | 297 |
| 54815 | 296 |
| 54816 | 297 |
| 54817 | 297 |
| 54818 | 296 |
| 54819 | 296 |
| 54820 | 296 |
| 54821 | 296 |
| 54822 | 296 |
| 54823 | 297 |
| 54824 | 263 |
| 54825 | 420 |
| 54826 | 252 |
| 54828 | 263 |
| 54829 | 275 |
| 54830 | 441 |
| 54831 | 322 |
| 54832 | 402 |
| 54833 | 402 |
| 54834 | 98 |
| 54835 | 402 |
| 54836 | 107 |
| 54839 | 102 |
| 54840 | 118 |
| 54841 | 118 |
| 54844 | 416 |
| 54845 | 260 |
| 54846 | 317 |
| 54847 | 251 |
| 54853 | 52 |
| 54854 | 9 |
| 54855 | 52 |
| 54857 | 52 |
| 54858 | 52 |
| 54859 | 178 |
| 54860 | 157 |
| 54861 | 265 |
| 54862 | 304 |
| 54863 | 8, 132 |
| 54865 | 198 |
| 54866 | 198 |
| 54867 | 198 |
| 54870 | 50 |
| 54872 | 378 |
| 54873 | 433 |

| REF. | PAGE |
|---|---|
| 54874 | 260 |
| 54875 | 337 |
| 54876 | 337 |
| 54877 | 336 |
| 54878 | 338 |
| 54879 | 339 |
| 54880 | 338 |
| 54881 | 337 |
| 54882 | 340 |
| 54883 | 378 |
| 54884 | 416 |
| 54885 | 416 |
| 54886 | 293 |
| 54887 | 238 |
| 54888 | 190 |
| 54889 | 455 |
| 54890 | 260 |
| 54891 | 312 |
| 54892 | 249 |
| 54893 | 323 |
| 54894 | 270 |
| 54895 | 230 |
| 54896 | 203 |
| 54897 | 278 |
| 54898 | 337 |
| 54899 | 320 |
| 54901 | 174 |
| 54902 | 174 |
| 54903 | 236 |
| 54904 | 401 |
| 54906 | 127 |
| 54907 | 127 |
| 54908 | 127 |
| 54909 | 127 |
| 54910 | 127 |
| 54911 | 420 |
| 54912 | 230 |
| 54913 | 402 |
| 54914 | 39 |
| 54916 | 354 |
| 54918 | 436 |
| 54929 | 436 |
| 54930 | 437 |
| 54931 | 437 |
| 54932 | 434 |
| 54933 | 434 |
| 54935 | 439 |
| 54936 | 439 |
| 54937 | 439 |
| 54938 | 433 |
| 54939 | 434 |
| 54940 | 442 |
| 54941 | 442 |
| 54942 | 442 |
| 54943 | 433 |
| 54944 | 439 |
| 54946 | 439 |
| 54947 | 312 |
| 54948 | 277 |
| 54949 | 319 |
| 54950 | 312 |
| 54951 | 261 |
| 54952 | 275 |

| REF. | PAGE |
|---|---|
| 54953 | 279 |
| 54954 | 289 |
| 54955 | 289 |
| 54956 | 259 |
| 54957 | 265 |
| 54958 | 280 |
| 54959 | 225 |
| 54960 | 225 |
| 54961 | 225 |
| 54962 | 225 |
| 54963 | 272 |
| 54964 | 422 |
| 54965 | 422 |
| 54967 | 166 |
| 54968 | 166 |
| 54970 | 423 |
| 54971 | 260 |
| 54975 | 245 |
| 54977 | 245 |
| 54978 | 245 |
| 54979 | 245 |
| 54980 | 245 |
| 54981 | 245 |
| 54983 | 245 |
| 54985 | 245 |
| 54986 | 245 |
| 54987 | 245 |
| 54988 | 245 |
| 54989 | 245 |
| 54990 | 245 |
| 54991 | 245 |
| 54992 | 245 |
| 54993 | 245 |
| 54994 | 245 |
| 54995 | 245 |
| 54996 | 245 |
| 55000 | 101 |
| 55001 | 101 |
| 55002 | 120 |
| 55003 | 278 |
| 55004 | 244 |
| 55005 | 203 |
| 55006 | 274 |
| 55007 | 265 |
| 55008 | 326 |
| 55010 | 67 |
| 55012 | 219 |
| 55013 | 255 |
| 55014 | 242 |
| 55015 | 284 |
| 55016 | 203 |
| 55017 | 369 |
| 55019 | 369 |
| 55020 | 369 |
| 55021 | 422 |
| 55022 | 422 |
| 55023 | 382 |
| 55025 | 228 |
| 55044 | 128 |
| 55045 | 128 |
| 55046 | 128 |
| 55047 | 128 |
| 55048 | 128 |

| REF. | PAGE |
|---|---|
| 55049 | 344 |
| 55051 | 237 |
| 55052 | 274 |
| 55053 | 275 |
| 55054 | 273 |
| 55055 | 276 |
| 55056 | 274 |
| 55057 | 275 |
| 55058 | 277 |
| 55059 | 273 |
| 55060 | 276 |
| 55061 | 276 |
| 55062 | 277 |
| 55063 | 277 |
| 55064 | 274 |
| 55065 | 276 |
| 55066 | 227 |
| 55067 | 275 |
| 55068 | 276 |
| 55069 | 277 |
| 55070 | 274 |
| 55071 | 276 |
| 55072 | 274 |
| 55073 | 277 |
| 55074 | 273 |
| 55075 | 275 |
| 55077 | 278 |
| 55078 | 291 |
| 55079 | 291 |
| 55080 | 291 |
| 55081 | 291 |
| 55082 | 292 |
| 55085 | 267 |
| 55087 | 403 |
| 55088 | 403 |
| 55089 | 403 |
| 55090 | 170 |
| 55092 | 251 |
| 55116 | 212 |
| 55117 | 87 |
| 55118 | 87 |
| 55135 | 362 |
| 55149 | 58 |
| 60001 | 147 |
| 60003 | 145 |
| 60003C | 145 |
| 60004 | 148 |
| 60007 | 143 |
| 60007C | 143 |
| 60009 | 140 |
| 60009C | 140 |
| 60010 | 142 |
| 60010C | 142 |
| 60011 | 142 |
| 60012 | 153 |
| 60013 | 153 |
| 60015 | 153 |
| 60016 | 153 |
| 60017 | 153 |
| 60019 | 141 |
| 60020 | 141 |
| 60022 | 143 |
| 60023 | 134 |

| REF. | PAGE |
|---|---|
| 60023C | 134 |
| 60025 | 158 |
| 60026 | 158 |
| 60027 | 150 |
| 60029 | 151 |
| 60030 | 151 |
| 60031 | 151 |
| 60032 | 144, 215 |
| 60032C | 144, 215 |
| 60033 | 141 |
| 60035 | 148 |
| 60037 | 145 |
| 60037C | 145 |
| 60038 | 144, 350 |
| 60038C | 144, 350 |
| 60039 | 151 |
| 60040 | 150 |
| 60041 | 146 |
| 60042 | 148 |
| 60043 | 147 |
| 60043C | 147 |
| 60044 | 130 |
| 60044C | 131 |
| 60045 | 152 |
| 60046 | 131 |
| 60046C | 130 |
| 60047 | 135, 140 |
| 60047C | 135 |
| 60048 | 130 |
| 60048C | 131 |
| 60049 | 139, 140 |
| 60049C | 139 |
| 60050 | 130 |
| 60050C | 131 |
| 60051 | 130 |
| 60051C | 131 |
| 60052 | 132 |
| 60052C | 132 |
| 60053C | 140 |
| 60054 | 138 |
| 60054C | 138 |
| 60055 | 156 |
| 60056 | 156 |
| 60058 | 155 |
| 60058C | 155 |
| 60059 | 154 |
| 60059C | 154 |
| 60060 | 154 |
| 60060C | 154 |
| 60061 | 156 |
| 60061C | 156 |
| 60062 | 155 |
| 60062C | 155 |
| 60063 | 152 |
| 60063C | 152 |
| 60064 | 133 |
| 60064C | 133 |
| 60065 | 149, 353 |
| 60066 | 153 |
| 60067 | 149, 236 |
| 60068 | 151 |
| 60069 | 153 |
| 60071 | 148, 228 |

| REF. | PAGE |
|---|---|
| 70001 | 457 |
| 70002 | 457 |
| 70003 | 457 |
| 70020 | 457 |
| 70021 | 457 |
| 70022 | 457 |
| 70023 | 457 |
| 70024 | 457 |
| 70025 | 457 |
| 90003 | 192 |
| 90004 | 192 |
| JBMW-BEXP | 409 |
| SERIE124 | 408 |
| SERIE446 | 78 |
| SERIE446B | 78 |
| SERIE446G | 78 |
| SERIE446K | 78 |
| SERIE446O | 78 |
| SERIE446P | 78 |
| SERIE446R | 78 |
| SERIE446S | 78 |
| SERIE446Y | 78 |
| SERIE565 | 77 |
| SERIE565B | 77 |
| SERIE565G | 77 |
| SERIE565K | 77 |
| SERIE565O | 77 |
| SERIE565P | 77 |
| SERIE565R | 77 |
| SERIE565S | 77 |
| SERIE565Y | 77 |
| SERIE587 | 77 |
| SERIE587B | 77 |
| SERIE587G | 77 |
| SERIE587K | 77 |
| SERIE587O | 77 |
| SERIE587P | 77 |
| SERIE587R | 77 |
| SERIE587S | 77 |
| SERIE587Y | 77 |
| SERIE588 | 78 |
| SERIE588B | 78 |
| SERIE588G | 78 |
| SERIE588K | 78 |
| SERIE588O | 78 |
| SERIE588P | 78 |
| SERIE588R | 78 |
| SERIE588S | 78 |
| SERIE588Y | 78 |




PEFC
PEFC/14-38-00015

CAT2026EN
8 435034 592740

JBM

www.jbmcamp.com

JBMprofessionaltools | @jbmtools | jbmtools | jbm_tools | JBM Campllong S.L.