



التوكيلات المصرية الهندسية  
EGYPTIAN ENGINEERING AGENCIES



# Available Product

**007/1V****Professional tool bag - (empty)**

- Model in high strength fabric
- Rigid waterproof bottom
- Inside space for tools
- Aluminium handle with covered handgrip
- 2 front pockets for small objects, 1 side pocket with Velcro closure, 1 side open pocket for quick access to contents, 4 rear pockets protected by the soft top
- 2 internal hooks for tape rule and 6 elastics to hold tools
- 1 pocket with 4 elastics to hold tools and 11 elastics for screwdrivers
- Soft top cover with Velcro
- Maximum load: 11 kg
- Capacity: 34 L

LxPxH mm	Kg	code	CE
420x240x340	2.5	U00070001	1

**007 ORV****Organizer - (empty)**

- High strength fabric
- Nine tool-holding spaces
- Can be hanged on the wall
- Can be stored inside backpack 007SV
- Maximum loading capacity: 4 kg
- Maximum load: 4 kg



LxPxH mm	gr	code	CE
200x160x260	800	U00070031	1

**007 V****Professional tool bag - (empty)**

- Model in high strength fabric
- Rigid waterproof bottom
- Toolholder compartments and front pocket for a saw
- Aluminium handle with covered handgrip
- Transport shoulder strap
- Soft top cover with Velcro
- Maximum load: 15 kg
- Capacity: 47 L

LxPxH mm	Kg	code	CE
490x220x350	4	U00070002	1

**040/7****Tweezers with extra-fine curved tips**

- Acid-resistant and anti-magnetic stainless steel

L mm	code	CE
120	U00400022	1

**042 P****Tweezers with tips at 45° and guide pin**

- Knurled gripping surface
- Acid-resistant stainless steel body
- Polished finish

L mm	code	CE
150	U00420011	1

**056/1****Articulated mirror**

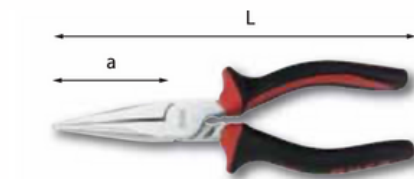
- Telescopic brass rod with pocket clip

L max mm	L min mm	Ø mm	code	CE
690	200	38	U00560002	2

**061** **Pen-type soldering irons**

- Power supply 220 Volts
- Straight long-life tip

power W	temperature max °C	code	CE
30	370	061003	1

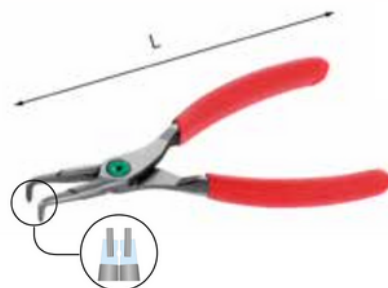
**115 A**

UNI 10295 DIN ISO 5745

**Half-round long nose pliers with straight jaws**

- Knurled gripping surface
- Ergonomic bimaterial grip
- Chrome plated finish

L mm	a mm	code	CE
160	52	115051	2

**127 PN**

UNI 7914 DIN 5256

**Pliers with nose bent at 90° for internal circlips**

- Precision model
- Piano wire tips inserted into the nose: longer life compared to the standard tips
- Support surface of the rings between the tips and the nose
- Spring integrated in the body
- Handles sheathed in anti-slip PVC
- Protective enamelled finish

capacity mm	L mm	code	CE
19÷60	175	U01270024	5

**D 128 N**

UNI 7915 DIN 5254

**Pliers with straight nose for external circlips**

capacity mm	L mm	code	CE
19÷60	180	U01280004D	1

**128 PN**

UNI 7915 DIN 5254

**Pliers with nose bent at 90° for external circlips**

- Precision model
- Piano wire tips inserted into the nose: longer life compared to the standard tips
- Support surface of the rings between the tips and the nose
- Spring integrated in the body
- Handles sheathed in anti-slip PVC
- Protective enamelled finish

capacity mm	L mm	code	CE
19÷60	180	U01280024	5

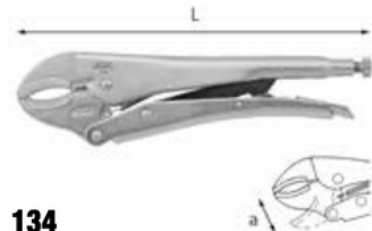


**133 BP** ● **UNI 7926**

**Half-round extra-long nose pliers with jaws bent to 45°**

- Model with cutter for hard wire
- Knurled gripping surface
- Ergonomic bimaterial grip
- Protective enamelled finish

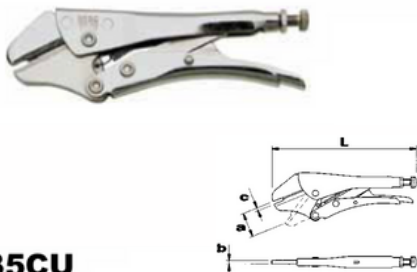
L mm	1600 N/mm <sup>2</sup> σ max mm	a mm	code	SC
160	1,6	46	133062	5



**134**  
**Lock-grip pliers with concave jaws**

- Special Chrome Vanadium steel jaws
- Pressed sheet steel body
- Nickel plated finish

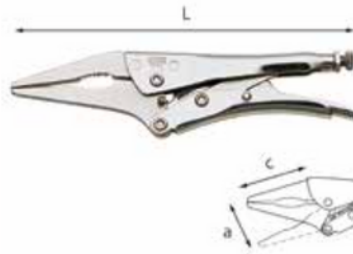
L mm	a mm	code	SC
300	65	U01340003	1



**135CU**  
**Lock-grip pliers for squeezing pipes**

- For squeezing copper pipes during repair work on refrigeration systems and air-conditioning in general
- Chrome Vanadium steel jaws
- Pressed sheet steel body
- Nickel-plated finish

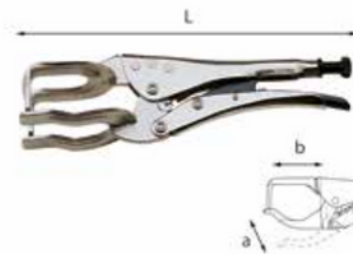
L mm	a mm	b mm	c mm	gr	SC
190	16	6	4	385	



**135 L**  
**Lock-grip pliers with long thin jaws**

- Special Chrome Vanadium steel jaws
- Pressed sheet steel body
- Nickel plated finish
- Jaws width: 9,5 mm

L mm	a mm	c mm	code	SC
235	70	80	U01350401	1



**137**  
**Lock-grip pliers with fork-shaped jaws**

- For welding pipes, sheet steel and metal profiles
- Special Chrome Vanadium steel jaws
- Pressed sheet steel body
- Nickel plated finish

L mm	a mm	b mm	code	SC
280	50	80	U01370001	1

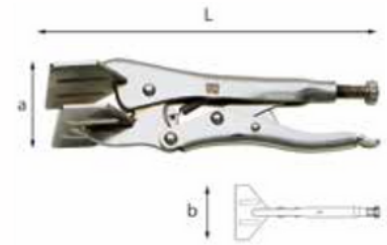


**137 AL**  
**Lock-grip pliers with fork-shaped jaws in Aluminium**

- For arc-welding pipes, sheet steel and metal profiles
- Pressed sheet steel body
- Nickel plated finish

L mm	a mm	b mm	c mm	code	SC
280	65	80	50	U01370201	1

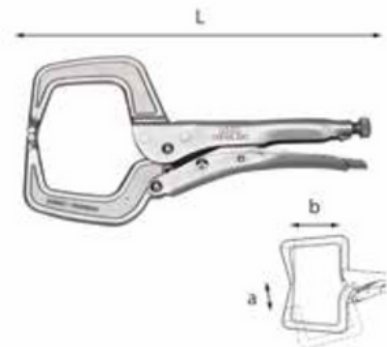
by **ERAGON**  
**ASME B107.500**



**138**  
**Lock-grip pliers with wide flat jaws**

- For gripping flat sections
- Special Chrome Vanadium steel jaws
- Pressed sheet steel body
- Nickel plated finish

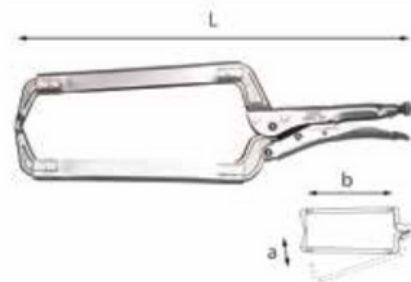
L mm	a mm	b mm	code	SC
200	25	80	U01380001	1



**139 AN**  
**Lock-grip pliers with C-clamp jaws**

- For gripping metal profiles and small fittings
- Special Chrome Vanadium steel jaws
- Pressed sheet steel body
- Nickel plated finish

L mm	a mm	b mm	code	SC
280	76	75	U01390004	1



**139 LN**  
**Lock-grip pliers with long C-clamp jaws**

- For deep gripping
- Special Chrome Vanadium steel jaws
- Pressed sheet steel body
- Nickel plated finish

L mm	a mm	b mm	code	SC
450	260	280	U01390003	1



### 1410 B10

Test cards - petrol (50 pcs.)

gr	code	
120	Q14100001	1



### 1450 D10

Test cards - diesel (50 pcs.)

gr	code	
120	Q14500001	1



### 146N1

Automatic wire strippers, straight

- Cutting and stripping functions for electrical wires
- Capacity 0,02-10 mm<sup>2</sup>/AWG 34-80
- Interchangeable jaws without use of tools
- Built-in wire cutter
- Precise adjustment of the stripping diameter to avoid damages
- Adjustable stripping length
- After each stripping operation, the jaw opens automatically to facilitate the extraction of the wire
- Ergonomic bimaterial handles

max mm <sup>2</sup>	max mm	L mm	code	
0,02÷10	15	191	U01460003	1



### 147 N

Wire strippers

- Screw for regulating stripping depth

max mm <sup>2</sup>	L mm	code	
7	160	147050	5



### 150 A

UNI 9894 DIN ISO 5746

Combination pliers

- Model with cutter for piano wire
- Knurled gripping surface
- Ergonomic bimaterial grip
- Chrome plated finish

L mm	2000 N/mm <sup>2</sup> Ø max mm	a mm	code	
160	1,6	34	150050	5
180	1,8	36	150051	5



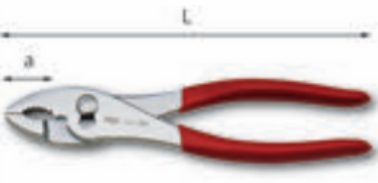
### 150 B

UNI 9894 DIN ISO 5746

Combination pliers

- Model with cutter for piano wire
- Knurled gripping surface
- Ergonomic bimaterial grip
- Protective enamelled finish

L mm	2000 N/mm <sup>2</sup> Ø max mm	a mm	code	
180	1,8	36	150054	5



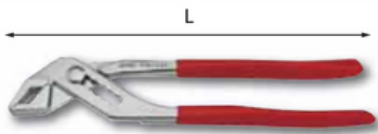
### 177

ISO 9343

Slip-joint adjustable pliers, two-positions

- Handles sheathed in PVC
- Special Chrome Vanadium steel body
- Chrome plated finish

L mm	a mm	code	
165	30	177001	5



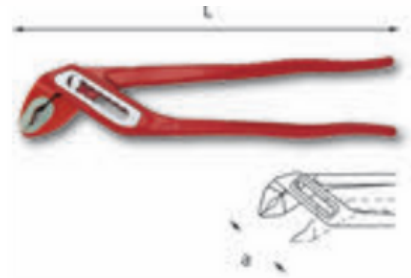
### 178 I

UNI DIN ISO 8976

Lay-on slip-joint adjustable pliers

- 6-positions model (4 positions for the 125 mm size)
- Handles sheathed in PVC
- Special Chrome Vanadium steel body
- Chrome plated finish

L mm	a mm	code	
240	38	178102	5



### 180 V

UNI DIN ISO 8976

Box-joint adjustable pliers

- 7-positions model
- Special Chrome Vanadium steel body
- Enamelled finish

L mm	a mm	code	
250	36	01800015	5
300	42	01800016	5



### 199

DIN ISO 9242

Pincers for cement layers

- Carbon steel
- Phosphatized finish

L mm	a mm	code	
225	17	199015	5



### 200

DIN 6473

Hacksaw

- Model for 300 mm blades with adjustable blade
- Screw for regulating blade tension
- Aluminium handle
- Supplied with HSS BI-METAL steel blade 200 A/24

mm blade	"	L mm	code	
300	12	450	200001	1



### 200 S

DIN 6473

Hacksaw

- Model for 300 mm blades with possibility of positioning the blade at 45° and 90°
- Blade tension regulator integrated in the handle
- Steel body with antislip and shock resistant plastic coating
- Supplied with HSS BI-METAL steel blade 200 A/24

mm blade	"	L mm	code	
300	12	385	200002	1

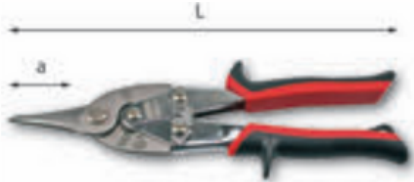


## 201 S

### Hacksaw frame with blade tensioner

- Light model for 150 mm blades
- Supplied with Super Rapid steel blade (32 teeth per inch)

mm blade	"	L mm	code	
150	6	255	02010003	5



## 203 AN

### Toggle joint shears for sheet steel

- Model with straight blades
- Ergonomic bimaterial grip

L mm	a mm	400 N/mm <sup>2</sup> max mm	600 N/mm <sup>2</sup> max mm	code	
250	50	1,5	1	02030001	1



## 233 1/2" NTX/S9

### Set of 9 socket bits for TORX® screws

- Supplied with plastic stands 559 1/2" and metal holder 559 B/250

pcs size	item
9 T20-T25-T27-T30-T40-T45-T50-T55-T60	233 1/2 NTX

kg	code	
800	02332551	1



## 233 1/4" NTX

### Socket bits for TORX® screws

- Special Chrome Vanadium steel
- Chrome plated finish with phosphatized insert

n°xb mm	L mm	code	
T8x14	33	02330110	5
T9x14	33	02330111	5
T10x14	33	02330112	5
T15x14	33	02330113	5
T20x14	33	02330114	5
T25x14	33	02330115	5
T40x14	33	02330119	5

## 233 1/2" NTX

### Socket bits for TORX® screws

n°xb mm	L mm	code	
T20x24	60	02332105	5
T25x24	60	02332107	5
T27x24	60	02332109	5
T50x24	60	02332117	5



## 234 1/2" N/S8

### Set of 8 socket bits for Allen screws

- Supplied with plastic stands 559 1/2" and metal holder 559 B/250

pcs size	item
8 5-6-7-8-10-12-14-17	234 1/2 N

kg	code	
900	02342510	1

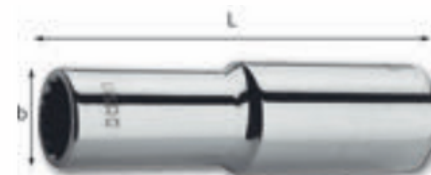


## 235 1/2" EN UNI-ISO 2725-1 DIN 3124

### hexagonal sockets

- Special Chrome Molybdenum steel
- Chrome plated finish

O mm	b mm	L mm	code	
14	20,2	36	02352109	5
15	21,4	36	02352110	5
16	22,6	36	02352111	5
22	30,4	38	02352117	5
28	37,9	44	02352123	5



## 235 1/2" LN UNI-ISO 2725-1 DIN 3124

### long bihexagonal sockets

- Special Chrome Molybdenum steel
- Chrome plated finish

O mm	b mm	L mm	code	
19	26	83	02352214	5
21	28,5	83	02352216	5
24	32,7	83	02352219	5



## 235 1/2" LN/C10

### Set of sockets in sheet steel box (10 pcs.)

pcs size	item
10 10-12-13-14-17-19-22-24-27-30	235 1/2 LN

LxPxH mm	kg	code	
325x140x52	3,1	02359273	1



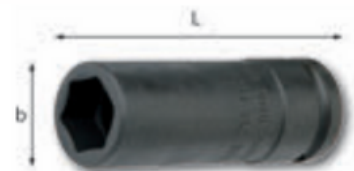
1/2

## 235 1/2" M UNI-ISO 2725-2 DIN 3129

### hexagonal sockets

- Special Chrome Molybdenum steel
- Phosphatized finish

O mm	b mm	L mm	code	
16	25	38	235207	1
21	30	38	235212	1
22	32	38	235213	1
24	35	45	235215	1



1/2

## 235 1/2" ML

### long hexagonal sockets

- Special Chrome Molybdenum steel
- Phosphatized finish

O mm	b mm	L mm	code	
17	26,3	78	235243	1
21	30	78	235248	1



1/2

**235 1/2" N** UNI-ISO 2725-1 DIN 3124

**Full Contact bihexagonal sockets**

- Special Chrome Molybdenum steel
- Chrome plated finish

O mm	b mm	L mm	code	
8	13,1	36	02352003	5
24	32,7	38	02352019	5
27	36,6	44	02352022	5
30	40,4	44	02352025	5
32	42,5	44	02352027	5



**235 1/2" NTX/C7**

Set in sheet steel box (7 pcs.)

pcs	size	item
7	E10-E12-E14-E16-E18-E20-E24	235 1/2 NTX

LxPxH mm	kg	code	
240x90x40	1	02359264	1



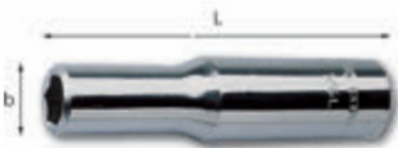
**235 1/2" NTX/S7**

Set of 7 TORX sockets

- Supplied with plastic stands 559 1/2" and metal holder 559 B/250

pcs	size	item
7	E10-E12-E14-E16-E18-E20-E24	235 1/2 NTX

gr	code	
700	02359260	1



**235 1/4" EL** UNI-ISO 2725-1 DIN 3124

**Full Contact long hexagonal sockets**

- Special Chrome Molybdenum steel
- Chrome plated finish

O mm	b mm	L mm	code	
5,5	8,5	50	235535	2



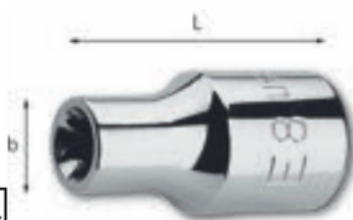
1/4

**235 1/4" EN** UNI-ISO 2725-1 DIN 3124

**Full Contact hexagonal sockets**

- Special Chrome Molybdenum steel
- Chrome plated finish

O mm	b mm	L mm	code	
4	6,9	22	02350103	5
4,5	7,5	22	02350104	5
5	8,2	22	02350105	5
5,5	8,8	22	02350106	5
9	13,1	22	02350110	5
10	14,6	22	02350111	5



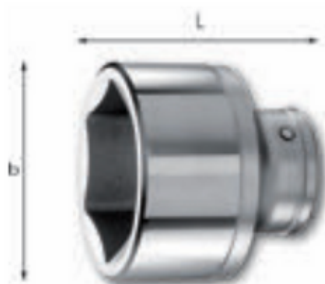
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**235 1/4" TX**

**TORX sockets**

- Special Chrome Molybdenum steel
- Chrome plated finish

n°	b mm	L mm	code	
E7	9	25	02350405	2
E8	9,8	25	02350406	2
E10	12	25	02350408	2



**235 1" EN** UNI-ISO 2725-1 DIN 3124

**Full Contact hexagonal sockets**

- Special Chrome Vanadium steel
- Chrome plated finish

O mm	b mm	L mm	code	
46	65	76	02354108	1

**235 1" EPN**

**Full Contact hexagonal sockets**

O "	b mm	L mm	code	
1 7/8	67	80	02354163	1
2	70	80	02354166	1
2 3/8	82,5	87	02354172	1



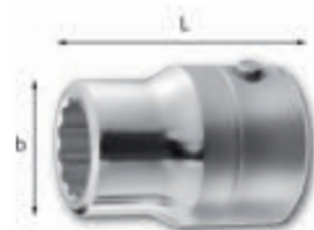
3/4

**235 3/4" M** UNI-ISO 2725-2 DIN 3129

**Full Contact hexagonal sockets**

- Special Chrome Molybdenum steel
- Phosphatized finish

O mm	b mm	L mm	code	
19	33	50	235303	1
27	43	54	235311	1
55	77	74	235320	1



3/4

**235 3/4" N** UNI-ISO 2725-1 DIN 3124

**Full Contact bihexagonal sockets**

- Special Chrome Vanadium steel
- Chrome plated finish

O mm	b mm	L mm	code	
46	63,5	75	02353027	2
55	74,8	75	02353031	2



**236 1/4" UNI-ISO 3316 DIN 3123**

**Extensions**

- Special Chrome Vanadium steel
- Chrome plated finish

L mm	code	
150	236803	5

**236 1/2" UNI-ISO 3316 DIN 3123**

**Extensions**

L mm	code	
75	236300	5
250	236202	5



**237 1/4" SI** UNI-ISO 3315 DIN 3122  
**Reversible ratchet**

- Model with 36 teeth
- Ergonomic bimaterial grip
- Special Chrome Vanadium steel body
- Chrome plated and phosphatised finish

L mm	b mm	code	
123	23	237903	1



**237 F 3/8"** UNI-ISO 3315 DIN 3122  
**Hinged reversible ratchet**

- Model with 72 teeth and 5° angle action for working in restricted spaces
- Knob-turn reversal system
- Ergonomic bimaterial grip
- Special Chrome Vanadium steel body
- Chrome plated and phosphatised finish

L mm	b mm	code	
265	30	02370064	1



**237 A 1/4"** UNI-ISO 3315 DIN 3122  
**Reversible ratchet**

- Model with 72 teeth and 5° angle action for working in restricted spaces
- Knob-turn reversal system
- Ergonomic bimaterial grip
- Special Chrome Vanadium steel body
- Chrome plated finish

L mm	b mm	code	
122	25	02370002	1



**237 D 1/4"** UNI-ISO 3315 DIN 3122  
**Simple ratchet with sliding square drive**

- Model with 60 teeth and 6° for working in restricted spaces
- Ergonomic bimaterial grip
- Special Chrome Vanadium steel body
- Chrome plated finish

L mm	b mm	code	
130	24	02370052	1

**237 D 1/2"** UNI-ISO 3315 DIN 3122  
**Simple ratchet with sliding square drive**

L mm	b mm	code	
260	41	02370056	1

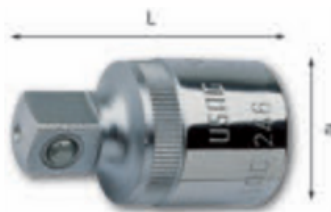
**237 D 3/4"** UNI-ISO 3315 DIN 3122  
**Simple ratchet with sliding square drive**

L mm	b mm	code	
515	60	02370058	1



**240 1/2" N** UNI-ISO 3315 DIN 3122  
**T-handle with sliding square drive**

L mm	a mm	code	
280	45	240004	5



**246 1/2"** UNI-ISO 3316 DIN 3123  
**Adapter**

- Maximum permissible torsion 202 Nm

□"	■"	L mm	a mm	code	
1/2	3/8	37	22	246201	5



**247 1/2"** UNI-ISO 3316 DIN 3123  
**Adapter**

□"	■"	L mm	a mm	code	
1/2	3/4	47	25	247001	5



**249** UNI 6735 DIN 133  
**Single ended open jaw slugging wrenches**

- For use with sledge hammers or pneumatic hammers
- Tightening or loosening operations in the heavy industry sector

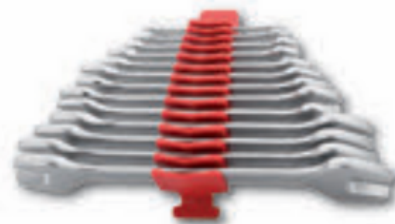
Ø mm	a mm	L mm	code	
30	62	190	249030	1
36	76	215	249032	1
41	86	235	249033	1
46	98	255	249034	1
55	116	300	249036	1
60	128	320	249037	1



**252 N/B12**  
**Set of 12 double ended open jaw wrenches**

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32 mm
- Supplied in plastic wallet

▲ Kg	code	
2,4	252866	1



**252 N/SR13**  
**Set of 13 double ended open jaw wrenches**

- 252 N/6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm
- Supplied with plastic stand

▲ Kg	code	
2,8	252864	1



**252 N** UNI 6736 ISO 10102 DIN 3110  
**Double ended open jaw wrenches**

- Heads angled at 15°
- Chrome Vanadium steel
- Chrome plated finish

Ø mm	L mm	code	
6x7	121	252514	5
14x15	182	252529	5
20x22	242	252538	5
32x36	342	252549	1
34x36	342	252550	1
36x41	381	252552	1



**255 K**  
**Double off reversible gear wrench**

- 8x9



## 256 AN

### Wrenches with retainer for connectors

- Straight heads hexagonal profile
- Retainer to give improved grip on the nut during operations

Ø mm	L mm	code	
10x11	127	256062	2



## 256 N

DIN 3118

### Wrenches for connectors

- Heads bent at 15° and angled laterally to 15°
- Hexagonal profile up to size 12x14 mm and bihexagonal profile for larger sizes

Ø mm	L mm	code	
22x24	243	256047	2
30x32	296	256049	2



3/8

## 263/S16

### Oil draining kit (16 pcs.)

- Complete kit for the most part of vehicles
- Magnetic sockets to hold plugs
- 3/8" hinged wrench for exceptional accessibility
- Protection cup to keep hands clean and prevent contact with oil and hydrocarbons
- Supplied with working support with fixing clip to be secured on the arm of oil trays

pcs	description	item/size
1	Hinged wrench with protection cup	263 K 3/8"
2	Square bits	8-10
6	Hexagonal bits	8-10-12-13-14-17
6	Hexagonal sockets	13-14-17-18-19-21
1	Torx bit	T45

LxPxH mm	kg	code	
310x280x50	1,3	02631400	1



## 275

UNI 6742 DIN 3112

### T-handle wrenches with hexagonal opening

- Removable sliding bar

Ø mm	a mm	L mm	code	
27	37	315	275022	1



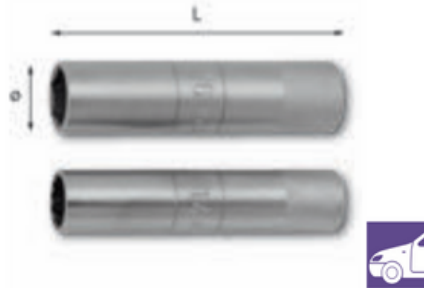
## 278 N

ISO 11168

### T-handle spark plug wrenches with jointed socket

- Hexagonal opening
- Rubber gasket for retaining the spark plug
- Removable sliding bar

Ø mm	a mm	L mm	code	
16	22	270	278011	1
19	25	270	278014	1



## 279 3/8"

ISO 11168

### Spark plug sockets

- Bihexagonal opening for size 14 mm
- Hexagonal opening for size 16 mm
- Rubber gasket for retaining the spark plug
- 3/8" square drive

Ø mm	L mm	Ø mm	code	
14	90	19	02791011	1



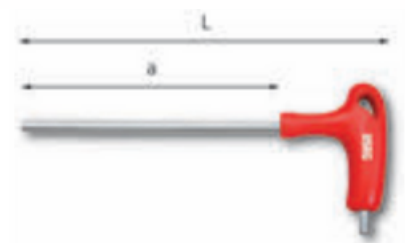
## 280

UNI DIN ISO 2936

### Angled hexagon keys

- For allen screws
- Special Chrome Vanadium steel
- Zinc Chrome plated finish

Ø mm	a mm	L mm	code	
1,5	14	45	280000	20
2	16	50	280001	20
2,5	18	56	280002	20
3	20	63	280003	20
3,5	22	66	280004	20
4	25	70	280005	20
4,5	26	75	280006	20
5	28	80	280007	20
6	32	90	280008	20
8	36	100	280010	10
9	38	105	280011	10
10	40	112	280012	10
12	45	125	280013	10
19	70	180	280016	1
22	80	200	280017	1



## 280 H/SE11

### Set of 11 hexagon keys with handgrip

- 280 H/2÷10

Ø gr	code	
805	02800317	1



## 280 LTSTX/S8

### Set of 8 long hexagon keys with spherical head for TORX® screws

- 280 LTSTX/T10-T15-T20-T25-T27-T30-T40-T45
- Burnished finish
- Plastic holder

Ø gr	code	
350	280078	1



## 280 S9

### Set of 9 hexagon keys

- 280/1,5-2-2,5-3-4-5-6-8-10 mm
- Zinc Chrome plated finish
- Plastic holder

Ø gr	code	
250	280287	1





### 280 N/S9

#### Set of 9 hexagon keys

- 1,5-2-2,5-3-4-5-6-8-10 mm
- Burnished finish
- Plastic holder

gr	code	
250	280731	1



### 280 P/SE12

#### Set of 12 angled hexagon keys

- 280 P/1/20÷7/16"
- Supplied in plastic wallet
- Zinc Chrome plated finish

gr	code	
400	280285	1



### 280 TX

#### Angled keys for TORX® screws

- Special Chrome Vanadium steel
- Burnished finish

n°	a mm	L mm	code	
T6	16	42	280560	5
T8	16	48	280562	5
T9	16	48	280563	5
T10	17	51	280564	5
T40	26	76	280570	5



### 280 XZN

#### Angled keys for XZN screws

- Special Chrome Vanadium steel
- Polished nickel plated finish

for screws M	a mm	L mm	code	
12	40	112	280545	5



### 282 SN

#### Adjustable hook wrenches with square pin

- For working with a single wrench on nuts of different sizes

mm	b mm	L mm	code	
15÷35	3,5	168	282301	1



### 283 N

UNI 6740 ISO 10104 DIN 838

#### Double ended offset bihexagonal ring wrenches

O mm	L mm	code	
6x7	167	02830102	5
8x10	182	02830104	5
17x19	290	02830112	5
25x28	345	02830120	5
30x32	360	02830124	5
34x36	440	02830127	1



### 285

ISO 1711/1 UNI 6741  
ISO 7738 DIN 3113 SAE AS 954E

#### Combination wrenches

- Thin open end angled at 15°
- Ergonomic grip
- Bihexagonal head bent at 15°

O mm	L mm	b mm	code	
24	267	8,9	02850719	5
30	340	10,5	02850725	1
32	355	11,0	02850726	1



### 285 L

UNI 6741 ISO 3318 ISO 7738

#### Long combination wrenches

- Bihexagonal and open head bent at 15°
- Shank with double-T profile to guarantee maximum resistance

O mm	L mm	code	
46	680	285330	1



### 285 C/SE10

#### Set of 10 short combination wrenches

- 285 C 4-5-6-7-8-9-10-11-12-13 mm
- Supplied in nylon wallet

Kg	code	
0,3	285682	1



### 285 SE26

#### Set of 26 combination wrenches

pcs	description	Item/size
26	Combination wrenches /6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32	285

Kg	code	
4,9	U02850861	1



### 285 P/SE13

#### Set of 13 combination wrenches

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

Kg	code	
1,6	285862	1



## 285 S13

### Set of 13 combination wrenches

- 285/6-7-8-10-11-12-13-14-15-17-19-22-24 mm
- Supplied with holder in sheet steel

kg	code	
2,6	285873	1



## 288 N/8

### Set of 8 tubular box wrenches

- 288 N 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- Supplied with drive bar 292/1

kg	code	
1	288281	1



## 289 N

UNI 6749 ISO 2236

### Double ended offset tubular box wrenches

- Light-duty wrenches with hexagonal openings, manufactured from a drawn tube
- Transverse holes for drive bars 292

Q mm	a mm	L mm	code	
12	18,9	127	289109	4
15	22,3	136	289112	4



## 291

UNI 6748 ISO 2236

### Double ended offset socket wrenches

- Heavy-duty wrenches, straight head with hexagonal opening and bent head with bihexagonal opening
- Hexagonal profiles on both sides up to size 9 mm
- Manufactured from a forged and drilled hexagon
- Transverse holes for drive bars 292
- Hexagonal body to allow work with open ended wrenches

Q mm	a mm	L mm	code	
13	19	138	291008	4



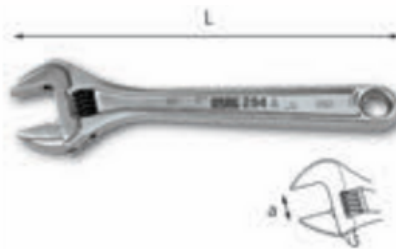
## 291 N

ISO 2236

### Double ended hollow offset socket wrenches

- Heavy-duty wrenches, deep straight head with hexagonal opening and bent head with bihexagonal opening
- Hexagonal profile on both sides up to size 9 mm
- Hollow profile for projecting screws or drive bars

Q mm	a mm	L mm	code	
8	12,5	114	291106	5
9	13,5	122	291107	5
17	25,5	187	291115	5
24	34,5	250	291122	2



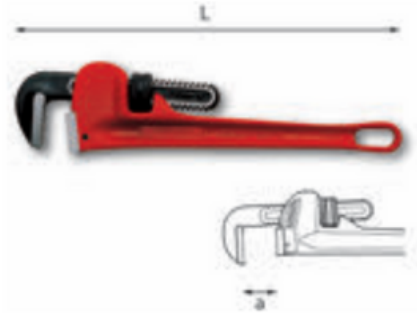
## 294 A

UNI 6734 DIN 3117

### Adjustable wrenches, Chrome plated

- Head angled at 15°, with scale in millimeters
- Sliding jaw opening by rotating knurl to the right

L mm	a mm	code	
150	20 (3/4")	02940002	5
200	27 (1 1/16")	02940003	5
250	30 (1 3/16")	02940004	5
380	44 (1 3/4")	02940006	1
460	54 (2 1/8")	02940007	1



## 302 N

### American model pipe wrenches

- Double-spring device for gripping the pipe immediately, allowing quick resuming of the manoeuvre
- Cast iron body
- Jaws in Carbon steel

L mm	Q max	a mm	code	
250	1 1/2	49	03020004	1
350	2	60	03020005	1
450	2 1/2	76	03020006	1
600	3	90	03020007	1



## 313

### Stainless steel pipe cutter

- Max thickness: 5 mm.
- For quickly cutting steel pipes (gas-API-etc.) cleanly and squarely.
- Also works on stainless steel pipes (thickness >2 mm.) with cutting wheels V210123 and cast iron with cutting wheels V210122.

Q mm	Q"	L mm	kg	code	
21-60	1/2 - 2	400	3	V210120	1



## ex 314 D

### Tube cutter for Copper and light alloy tubes

- Model with telescopic advance mechanism and uniform dimensions
- Grooved guide-rollers for cutting flanged tubes
- Four flaring blade incorporated
- Light alloy body
- Enamelled finish
- Maximum thickness: 2 mm

Q mm	Q"	L mm	H mm	kg	code	
3-35	1/8-1 3/8	135	55	470	V210443	1

## 315 BB

### Cones for double ends

- For tubes with 0,7 mm thickness



capacity Q mm	code	
4,75x0,7	315201	1
5x0,7	315202	1
6x0,7	315203	1
8x0,7	315204	1
10x0,7	315205	1



### 322 SH7

#### Set of 7 screwdrivers for slot-head and PHILLIPS® screws

- 322 0,4x2x50-0,5x3x75-0,8x4x100-1x5,5x100-1,2x6,5x150
- 322 PH/1x100-2x125

g	code	
600	03220254	1



### 322 STX/S7

#### Set of 7 screwdrivers for TORX® Tamper Resistant® screws

- 322 STX T10x75-T15x75-T20x100-T25x100-T27x100-T30x125-T40x150

g	code	
600	03220263	1



### 323

UNI 10562 ISO 2380 DIN 5264

#### Logic® Screwdrivers for slot-head screws

- Handgrip of technical polypropylene
- Silicon Chrome Vanadium steel blade
- Nickel plated finish

axbxc mm	L mm	gr
0,4x2,5x50	150	18
0,5x3x75	175	21
0,8x4x100	185	39
1x5,5x150	265	65
1,2x6,5x150	265	80
1,6x8x175	295	118



### 323 PH

UNI ISO 8764 DIN 5260

#### Logic® Screwdrivers for PHILLIPS® screws

- Handgrip of technical polypropylene
- Silicon Chrome Vanadium steel blade
- Nickel plated finish

n°xa	L mm	gr	
1x80	190	41	
2x100	215	70	
1x100	209	03240041	5
2x100	220	03240042	5
2x125	245	03240043	5
3x150	275	03240044	5
4x200	325	03240045	1



### 323 TX

#### Logic® Screwdrivers for TORX® screws

- Handgrip of technical polypropylene
- Molybdenum Vanadium steel blade
- Chrome plated finish with burnished tip

n°xa	L mm
T8x60	160
T10x75	175
T20x100	210
T25x100	210
T30x115	230
T40x130	250
T45x130	250



### 323 SE6

#### Set of 6 screwdrivers

- (323/0,4x2,5x50-0,5x3x75-0,8x4x100-1x5,5x125-1,2x6,5x150-1,6x8x175) 360 gr



### 323 S7

#### Set of 7 screwdrivers

- (323/0,4x2,5x50-0,5x3x75-0,8x4x100-1x5,5x125-1,2x6,5x150 323 PH/1x80-2x100)
- Supplied in plastic case 400 gr



### 324

UNI 10562 ISO 2380 DIN 5264

#### Screwdrivers for slot-head screws

- Ergonomic three-material grip
- Special Silicon Chrome Manganese steel blade
- Chrome plated finish with burnished tip

axbxc mm	L mm	code	
0,5x3x75	169	03240001	5
0,8x4x150	254	03240005	5



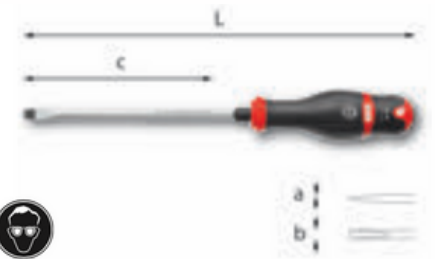
### 324 D

UNI 10562 ISO 2380 DIN 5264

#### Screwdrivers for slot-head screws

- For driving recessed studs or screws
- Ergonomic three-material grip
- Special Silicon Chrome Manganese steel blade
- Chrome plated finish with burnished tip

axbxc mm	L mm	code	
0,4x2,5x50	144	03240026	5



### 324 H

#### Screwdrivers for slot-head screws

- Model with hexagonal drive and hexagonal blade for powerful tightening, also with a wrench
- Metal rear dome to protect the beating zone
- Ergonomic three-material grip
- Special Silicon Chrome Manganese steel blade
- Chrome plated finish with burnished tip

axbxc mm	L mm	mm	code	
1x5,5x125	234	8	03240134	1
1,2x6,5x150	270	10	03240135	1
1,2x8x175	300	11	03240136	1
1,6x10x175	300	12	03240137	1



### 324 HPH

#### Screwdrivers for PHILLIPS® screws

- Model with hexagonal drive and hexagonal blade for powerful tightening, also with a wrench
- Metal rear dome to protect the beating zone
- Ergonomic three-material grip
- Special Silicon Chrome Manganese steel blade
- Chrome plated finish with burnished tip

n°xa	L mm	Ø mm	code	5
2x125	245	10	03240142	1
3x150	275	12	03240143	1



### 324 PH

UNI ISO 8764 DIN 5260

#### Screwdrivers for PHILLIPS® screws

- Ergonomic three-material grip
- Special Silicon Chrome Manganese steel blade
- Chrome plated finish with burnished tip

n°xa	L mm	code	5
1x100	209	03240041	5
2x125	245	03240043	5
4x200	325	03240045	1



### 324 PH/SE4

#### Set of 4 screwdrivers for slot-head and PHILLIPS® screws

- 324 PH/0x75-1x75-2x100-3x150

a gr	code	5
530	03240268	1

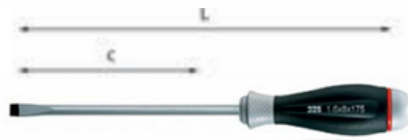


### 324 TX

#### Screwdrivers for TORX® screws

- Ergonomic three-material grip
- Special Silicon Chrome Manganese steel blade
- Chrome plated finish with burnished tip

n°xa	L mm	code	5
T30x125	245	03240080	1



### 325

#### Screwdrivers

axbxc mm
1,2x6,5x150



### 325D

#### Screwdrivers

axbxc mm
0,5x3x75
0,8x4x100
1x5,5x125



### 325 N

#### Screwdrivers

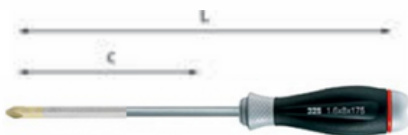
axbxc mm
1x5,5x30



### 325NPH

#### Screwdrivers for PHILLIPS® screws

axbxc mm
1x30



### 325 PH

#### Screwdrivers for PHILLIPS® screws

axbxc mm
1x80



### 331

UNI 10562 ISO 2380 DIN 5264

#### Screwdrivers for slot-head screws

- Wooden grip with leather-covered dome
- Full-length Chrome Vanadium steel blade with hexagonal drive
- Chrome plated finish

axbxc mm	L mm	Ø mm	code	5
1,2x6,5x125	238	10	331103	5



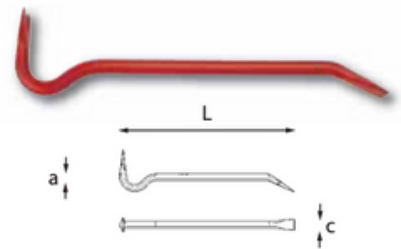
### 340

UNI 7079 ISO 23801 DIN 5200

#### Offset screwdrivers for slot-head screws

- For working on screws not accessible from the axial direction
- Blade heads set at right angles to each other to allow a working angle of 90°
- Special Silicon Chrome Vanadium steel
- Nickel plated finish

axb mm	c mm	L mm	code	5
1,2x8	22	150	340003	5



### 346

#### Wrecking bars for carpenters

- Model with octagonal section, one chisel tip and one curved claw tip
- Silicon Manganese steel

L mm	a mm	c mm	code	5
800	18	40	346002	2



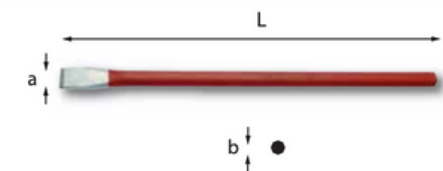
### 351

UNI 7506

#### Ribbed chisels

- Forged Chrome Vanadium steel
- Re-grindable edge

L mm	a mm	Ø gr	code	5
125	18	103	351002	5
175	24	266	351004	5
200	26	330	351005	5
250	29	520	351006	5

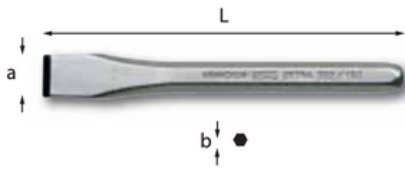


### 359

#### Chisels for electricians

- Chrome Manganese Silicon steel
- Re-grindable edge
- Octagonal section

axL mm	b mm	code	5
14x200	10	359003	5

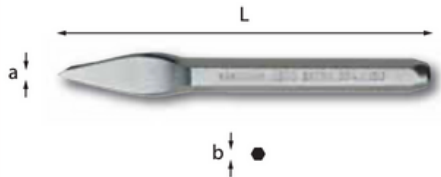


**362** UNI 7504 DIN 6453

**Chisels**

- Forged Chrome Vanadium steel
- Re grindable edge

L mm	a mm	b mm	code	
125	12	10	362001	10

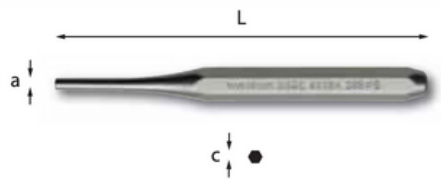


**364** UNI 7505 DIN 6451

**Cross cut chisels**

- Chrome Vanadium steel
- Re grindable edge

L mm	a mm	b mm	code	
150	6	12	364002	10

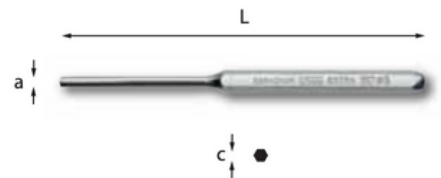


**366** UNI 7501 DIN 6458

**Drift punches**

- Chrome Vanadium steel

axL mm	c mm	code	
5x150	12	366202	10
6x150	12	366203	10



**367** UNI 7502 DIN 6450

**Pin punches**

- Chrome Vanadium steel
- Inserted phosphatised tips for the 2 and 3 mm sizes

axL mm	c mm	code	
3x130	8	367005	10
4x145	10	367006	10
5x165	10	367007	10
6x180	12	367008	10
8x200	12	367009	10
10x205	12	367010	10



**367 SE6**

**Set of six pin punches**

- 367/2x110-3x130-4x145-5x165-6x180-8x200 mm
- Supplied in plastic wallet

gr	code	
510	367081	1

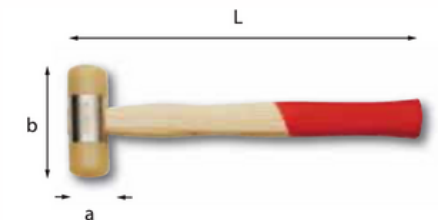


**368 AN**

**Automatic centre punch**

- Spring-loaded model
- Depth of cut controllable by rotating the head
- Re grindable edge

L mm	a mm	c mm	code	
150	6	16	368102	5



**376** UNI 7784

**Mallets**

- Model with interchangeable plastic tips
- Carbon steel body
- Ash wood handle

a mm	b mm	L mm	code	
35	97	300	376003	4
50	112	350	376005	2

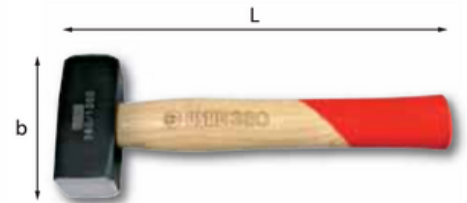


**378**

**Mallets**

- Model with double rounded head in hard rubber
- Ash wood handle

a mm	b mm	L mm	code	
50	90	300	378004	2
70	125	380	378006	2



**380** UNI 7777 DIN 6475

**Sledge hammers**

- Double-headed with square flat heads
- Ash wood handle

gr	b mm	L mm	code	
1500	110	280	380004	2



**382** UNI 7778 DIN 1041

**Hammers for mechanics**

- German model with flat square head and symmetric peen
- Ash wood handle

gr	c mm	L mm	code	
200	95	280	382004	8
400	112	310	382007	8
500	118	320	382008	8
1000	135	360	382011	4
1500	145	380	382013	4

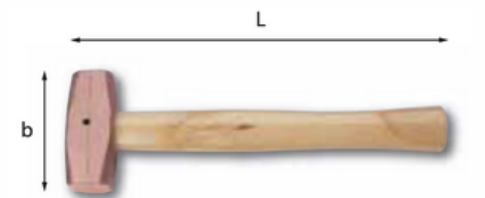


**382 F** DIN 1041

**Hammers for mechanics with graphite handle**

- German model with flat square surface and symmetric peen
- Graphite handle

gr	c mm	L mm	code	
300	105	300	03820103	4
1000	135	355	03820108	4



**390**

**Copper sledge hammers**

- Double-headed with square flat heads
- Ash wood handle

gr	b mm	L mm	code	
500	80	270	390012	2



**383 N** UNI 7779

**Hammers for mechanics**

- American model with flat round head and ball peen
- Hickory handle

gr	c mm	L mm	code	
450	101	350	383012	2
680	121	400	383013	2



**391 N**

**Heat gun**

- Model with electronic checking of temperature and air volume by LCD display
- To be used with nozzles 391 A÷F
- Adjustable air flow with possibility to blow cold air
- Temperature reading with LCD display
- Possibility to set programs
- Max temperature 650°C
- Air-flow 150÷500 lt/min
- Power 2300 W
- Power supply 220 V

gr	code	
956	03910011	1



**393**

**Hammer with flat round and flat square heads**

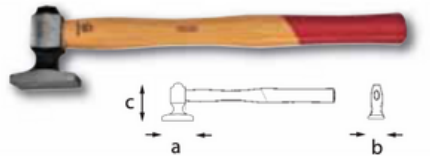
- Handle in hickory

a mm	b mm	c mm	code	
32	28	104	393001	1



**409**  
**40° curved spoon**

L mm	kg	code	
250	0,5	409001	1



**414 A**  
**Hammer with flat rectangular head**

- Handle in hickory

a mm	b mm	c mm	code	
48	30	60	414001	1



**420**  
**Oilers**

- Pump model with flexible metal spout and enamelled sheet steel body
- Ergonomic plastic handgrip

capacity cc	code	
500	420002	4



**421**  
**Lever operated grease pumps**

- Model with automatic grease feed (300 cc) to be filled from a bulk container or from a cartridge
- Feed pressure 400 bar
- Threaded connection for flexible tube M10x1
- Sheet steel body

capacity cc	L mm	code	
1000	400	421004	1



**423 N5**  
**Car body repair set (5 pcs.)**

- Supplied in sheet steel case

pcs	description	item/size
1	Hammer with flat round and flat square heads	393/32
1	Convex shaped dolly	399
1	Heel shaped dolly	398
1	Rail shaped dolly	397
1	Dolly with round convex and flat head	396

LxPxH mm	code	
340x190x70	04230080	1



**427**  
**Tyre levers**

- Double T-section to ensure maximum resistance

L mm	code	
300	427001	5
400	427002	5
600	427004	5



**430 C**  
**Piston ring compressors, ratchet-type**

- To hold piston rings steady in their positions while inserting the pistons into the cylinders

n°	capacity Ø mm	code	
1	55÷110	04300010	1



437

**Piston ring pliers**

- Model with specially shaped jaws for assembling and disassembling piston rings

n°	capacity Ø mm	code	
2	80÷120	437103	1



438/1

**Valve lifter clamp**

- For fitting and removing valve springs  
- Screw adjustment model, straight clamps

capacity mm	L mm	code	
75÷225	380	438001	1



444

**Strap wrench for oil filters**

capacity Ø mm	L mm	code	
60÷140	225	444001	5

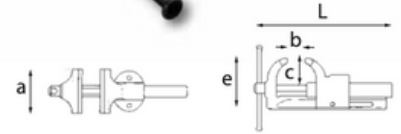


458 S6

**Set of six conical extractors (458/1÷6)**

- Supplied in plastic box

capacity gr	code	
230	458012	1



498 B

**Parallel jaw vices for workbenches**

- Fully forged steel model with jaws and body in one piece  
- Rear jaw shaped like an anvil  
- Ground prismatic double guide with screws for regulating the parallelism of the jaws and for recovering tightness of grip

axbxc mm	e mm	L mm	kg	code	
100x125x65	125	295	6,9	04980012	1
125x160x80	147	350	10,7	04980013	1
150x200x100	175	450	18	04980014	1



496 H

**Assortment for electrotechnics (72 pcs.)**

pcs	description	item/size
1	Spring puller	053 N
1	Torch	055 A
1	Rigid mirror	056/1
1	Soldering iron, two-settings model	063/20-40W
1	Insulating tape	073/15x10
2	Screwdrivers for slot-head screws/ 0,8x4x100-1,2x6,5x150	092
1	Screwdriver for PHILLIPS® screws/2x125	092 PH
1	Pliers with straight nose for internal circlips	127 N/19÷60
1	Pliers with straight nose for external circlips	128 N/19÷60
1	Half-round extra-long nose pliers with straight jaws	133 A/160
1	Wire stripper	147 N/160
1	Combination pliers	150 A/180
1	Lay-on slip-joint adjustable pliers	178 I/190
1	Diagonal cutting nippers	185 A/160
1	Hacksaw frame	201
9	Set of nine keys/(1,5÷10)	280 S9
1	Scissors for electricians	207 A
8	Combination wrenches/ 8-10-11-13-14-17-19-22	285
1	Phase-testing screwdriver 110÷380 Volts	322 F

pcs	description	item/size
8	Set of eight screwdrivers	329 N/S8
1	Reversible screwdriver for slot-head and PHILLIPS® screws	322 R
1	Chisel for electricians	359/14x250
2	Pin punches/4x145-6x180	367
1	Centre punch	368/4x125
1	Mallet	376/35
1	Hammer for mechanics	382/300
1	Oiler	418/70
14	Assortment in sheet steel box (14 pcs)	603 N 1/4" E
1	Crimping pliers for pre-insulated terminals	747
1	Scriber	974
1	Bimaterial tape rule with stainless steel casing	981 B/3x19
1	Flat needle file with flat edges	991 A
1	Triangular needle file	991 B
1	Round needle file	991 C
1	Brush	994 A

kg	code	
6	04960070	1



### 603 N 1/2'' FullContact

Assortment in sheet steel box with bihexagonal sockets (16 pcs)

pcs	description	item/size
13	Bihexagonal sockets/ 10-11-12-13-14-15-16-17-18-19-21-22-24	235 1/2" N
1	Extension	236 1/2"/250
1	Reversible ratchet	237 A 1/2"
1	T-handle with sliding square drive	240 1/2" N

LxPxH mm	kg	code	FullContact
325x140x52	3,3	06032015	1

### 603 N 1/2'' E FullContact

Assortment in sheet steel box with hexagonal sockets (16 pcs)

pcs	description	item/size
13	Hexagonal sockets/ 10-11-12-13-14-15-16-17-18-19-21-22-24	235 1/2" EN
1	Extension	236 1/2"/250
1	Reversible ratchet	237 A 1/2"
1	T-handle with sliding square drive	240 1/2" N

LxPxH mm	kg	code	FullContact
325x140x52	3,3	06032010	1



### 613 1/4'' EN FullContact

Assortment in sheet steel box (18 pcs)

pcs	description	item/size
13	Hexagonal sockets/ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14	235 1/4" EN
1	Extension	236 1/4"/50
1	Reversible ratchet	237 A 1/4"
1	T-handle with sliding square drive	240 1/4"
1	Universal joint	241 1/4"
1	Spinner with handle	243 1/4"

LxPxH mm	kg	code	FullContact
235x90x35	0,9	613006	1

### 613 1/4'' ENP FullContact

Assortment in sheet steel box (17 pcs)

pcs	description	item/size
12	Hexagonal sockets/ 1/8-5/32-3/16-7/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16	235 1/4" EPN
1	Extension	236 1/4"/50
1	Reversible ratchet	237 A 1/4"
1	T-handle with sliding square drive	240 1/4"
1	Universal joint	241 1/4"
1	Spinner with handle	243 1/4"

LxPxH mm	kg	code	FullContact
235x90x35	0,9	613007	1



### 613 N 1/2'' FullContact

Assortment in sheet steel case with bihexagonal sockets (22 pcs)

pcs	description/size	item
17	Bihexagonal sockets/ 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32	235 1/2" N
2	Extensions/125-250	236 1/2"
1	Reversible ratchet	237 A 1/2"
1	T-handle with sliding square drive	240 1/2" N
1	Universal joint	241 1/2"

LxPxH mm	kg	code	FullContact
385x220x60	5	06132015	1

### 613 N 1/2'' E FullContact

Assortment in sheet steel case with hexagonal sockets (22 pcs)

pcs	description/size	item
17	Hexagonal sockets/ 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32	235 1/2" EN
2	Extensions/125-250	236 1/2"
1	Reversible ratchet	237 A 1/2"
1	T-handle with sliding square drive	240 1/2" N
1	Universal joint	241 1/2"

LxPxH mm	kg	code	FullContact
385x220x60	5	06132010	1

### 613 N 1/2'' IP FullContact

Assortment in sheet steel case with bihexagonal sockets (20 pcs)

pcs	description/size	item
15	Bihexagonal sockets/ 3/8-7/16-1/2-9/16-5/8-11/16-3/4-13/16-7/8-15/16-1-1 1/16-1 1/8-1 3/16-1 1/4	235 1/2" PN
2	Extensions/125-250	236 1/2"
1	Simple ratchet with sliding square drive	237 D 1/2"
1	T-handle with sliding square drive	240 1/2" N
1	Universal joint	241 1/2"

LxPxH mm	kg	code	FullContact
385x220x60	5	06132021	1





**618**

**Ratchet tap wrenches**

- Short model with two jaws, ratchet for clockwise, counter-clockwise, or fixed position operation

n°	□ mm	L mm	code	
1	2,6÷5,5	85	618001	5
2	4,6÷8	110	618002	5

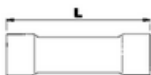


**646/3V**

**Cantilever tool box, three compartments - empty**

- Preset for padlock
- Sheet steel casing, anaphoretic process
- Inside dimensions:  
lower compartment 447x207x102 mm,  
compartments 447x103x52 mm

LxPxH mm	▲ Kg	code	
495x210x270	4,1	646101	1



**735**

**Line connector**

- Electrolytical copper, tinned

L mm	max mm <sup>2</sup>	gr
26	2,5	2



**660 PH**

UNI ISO 8764 DIN 3128

**Bits for PHILLIPS® screws**

- Special Silicon Chrome Vanadium steel
- Oiled, sandblasted finish

n°	L mm	code	
3	25	660103	5



**746**

**Crimping pliers for non-insulated open and closed terminals**

- Model with screw-cutter, wire-cutter and wire-stripper
- PVC handgrip
- Body in cut sheet steel

L mm	mm <sup>2</sup>	code	
235	0,5÷1 1,5÷2,5 4÷6	746001	5



**747**

**Crimping pliers for pre-insulated terminals**

- Model with screw-cutter, wire-cutter and wire-stripper
- PVC handgrip
- Body in cut sheet steel

L mm	mm <sup>2</sup>	code	
235	0,5÷1 1,5÷2,5 4÷6	747001	5

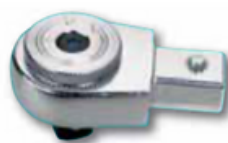


**810 N**

**Torque wrenches with reversible ratchet**

- Adjustable torque model for clockwise tightening
- Precision ± 4% of the preset torque value
- Readings in Nm
- Sensible and audible alarm on reaching preset torque value
- Automatic resetting on pressure release after disengagement
- Supplied with test certificate

capacity Nm	resolution Nm	■ "	L mm	code	
5÷25	0,05	1/4	290	08104001	1
40÷200	0,5	1/2	475	08104005	1



**811 E**

**Reversible ratchet with 72 teeth**

■ "	Ø mm	code	
1/4	9x12	08110010	1
1/2	14x18	08112011	1



1/2

**875**

**Socket wrenches for lambda probes**

- For installing or removing lambda probes

Ø mm	a mm	L mm	code	
22	30	85	875002	1



**899 N**

**Stethoscope**

- To locate engine defects
- Plastic grip

shaft mm	code	
230	U08990000	1



**918 B/S7**

**Assortment in sheet steel case (7 pcs)**

pcs	description	item/size
1	Oiler	418/30
1	Hammer with hexagonal attachment	918 B
5	Chisels with hexagonal shank	918 BH/1÷5

LxPxH mm	▲ Kg	code	
383x220x58	4	09180008	1



### 928 C1 ■ 1/2" CE

#### Impact wrench

- Reversible model with double hammer, air exhaust through the handle and power regulator

#### characteristics

Capacity	M16
Torque range	30-500 Nm
Max torque	610 Nm
Strokes per minute	1100
Speed	7000 RPM
Average air consumption	113 l/min
Air inlet thread	1/4"
Ø min hose size	10 mm
Air pressure	6,2 bar
Sound level (free/working)	97 dB(A)/108 dB(A)
Vibration level	3,9 m/s <sup>2</sup>

L mm	kg	code	CE
195	2,6	09280010	1



### 930

#### Filter-regulator-lubricator

- Filter with semi-automatic humidity drain (automatic drain for item 930 3/4") and with sintered bronze filter element
- Pressure regulator with incorporated exhaust valve
- Lubricator with incorporated regulator

#### characteristics

Maximum working pressure	12 bar
Operating temperature	-10°C ÷ +50°C
Filtering capacity	50µ (40µ per 930 3/4")
Throughput (6 bar)	800 l/min (1/4"), 1250 l/min (3/8"-1/2"), 3500 l/min (3/4")

thread"	kg	LxPxH mm	code	CE
1/4	1	104x78x191	930001	1



1/2

### 942 PC3 1/2" ■ CE

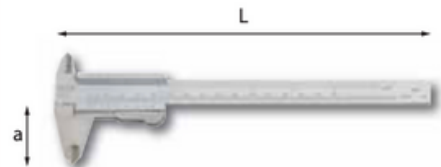
#### Extra-compact impact wrench

- Extra compact structure: 11 cm length
- Reversible model with JUMBO percussion system
- Air exhaust through the handle
- 3 tightening torque settings, always maximum untightening power
- High resistance resin body
- Bi-material soft touch handle
- Side protections for engine carter
- Balanced weight for maximum comfort even for intensive use
- Spare rotor blades (6 pieces): code 1004760-65

#### characteristics

characteristics	size
Square drive (")	1/2
Bolt capacity	M16
Max torque (Nm)	861
Torque range (Nm)	150-220
Strokes per minute	1650
Free speed (rpm)	10000
Average air consumption (l/min)	127
Recommended air pressure (bar)	6,2
Sound level dB(A)	91,1 ±3
Sound power dB(A)	108,1 ±3
Vibrations (m/s <sup>2</sup> )	9,57
Air inlet (")	1/4
Ø hose size (mm)	10

LxPxH mm	kg	code	CE
111x61,5x173	1,3	U09420012	1



### 960

UNI-ISO 3599 DIN 862

#### Vernier caliper to 1/20 mm

- Beam and vernier of hardened stainless steel with protruding sliding guides
- Matt Chrome beam and vernier, anti-reflective
- Monobloc slider with lever lock
- Supplied in a plastic sheath

capacity mm/inch	vernier mm/inch	a mm	L mm	code	CE
150/6"	0,05/ 1/128"	40	232	960010	1



### 966

#### Thickness gauges

- Conic-shaped blades with rounded tips

blades n°	blades thickness mm	L mm	code	CE
20	0,05÷1,00	100	966003	5



### 974

#### Scriber

- Monobloc scriber made of special hardened steel
- Plastic grip
- One straight tip and one tip bent at 110°
- Burnished finish

L mm	code	CE
220	974001	5



### 974 BN

#### Retractable carbide scriber

- Pen-type steel body with pocket clip
- Double-dressed retractable tip of tungsten carbide

tip ø mm	L mm	code	CE
2	150	974013	2



### 978 A

#### Flexible graduated rules

- Precision class II
- Matt Chrome stainless steel, anti-reflective
- Double graduation photoengraved on one side

L mm	scale	section mm	code	CE
300	mm/ 1/2 mm	13x0,5	978005	5

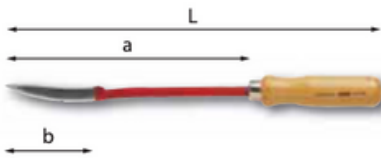


### 978 B

#### Semi-rigid graduated rules

- Precision class II
- Matt Chrome stainless steel, anti-reflective
- Double graduation photoengraved on both sides (on one side only for 1000 mm rule)

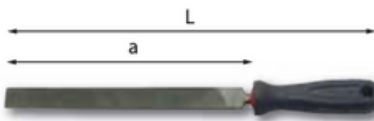
L mm	scale	section mm	code	CE
500	mm/ 1/2 mm	30x0,8	978016	2



**987 C**  
**Triangular scrapers**

- Wooden handgrip
- Enamelled finish with polished blade edges

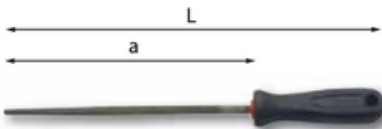
a mm	b mm	L mm	code	
200	85	310	987022	2



**990 M PA** **UNI 5487 ISO 234 DIN 7285**  
**Flat square file**

- Second cut
- Plastic handgrip

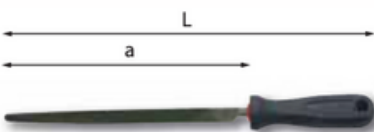
a mm	a "	L mm	code	
200	8	320	09900116	5



**990 M PC** **UNI 5494 ISO 234 DIN 7285**  
**Round file**

- Second cut
- Plastic handgrip

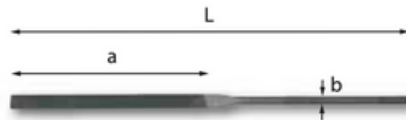
a mm	a "	L mm	code	
200	8	320	09900118	5



**990 M PE** **UNI 5492 ISO 234 DIN 7285**  
**Triangular file**

- Second cut
- Plastic handgrip

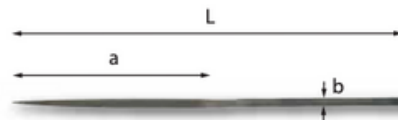
a mm	a "	L mm	code	
200	8	320	09900120	5



**991 A** **UNI 5669**  
**Flat needle file with flat edges**

- Second cut

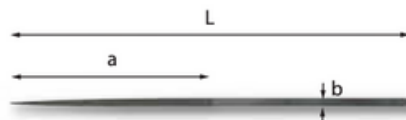
L mm	a mm	b mm	code	
160	80	3,5	991001	5



**991 B** **UNI 5670**  
**Triangular needle file**

- Second cut

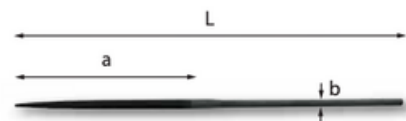
L mm	a mm	b mm	code	
160	80	3,5	991002	5



**991 C** **UNI 5670**  
**Round needle file**

- Second cut

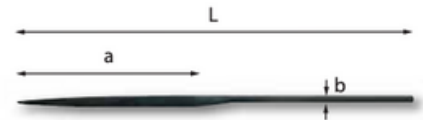
L mm	a mm	b mm	code	
160	80	3,5	991003	5



**991 E** **UNI 5670**  
**Square needle file**

- Second cut

L mm	a mm	b mm	code	
160	80	3,5	991005	5



**991 H** **UNI 5670**  
**Half-round needle file**

- Second cut

L mm	a mm	b mm	code	
160	80	3,5	991008	5



**993 A**  
**Metal brush**  
- Model with stainless steel wire bristles

L mm	code	
270	993001	5



**993 B**  
**Metal brush for disk brake-shoes**  
- For cleaning disk brake-shoes  
- Steel bristles

L mm	code	
225	993003	5



**995 A**  
**Hand riveter**  
- Light alloy body  
- Pressed sheet steel pressure lever  
- Handgrips with spring-action opening  
- Supplied with four interchangeable nozzles and service key

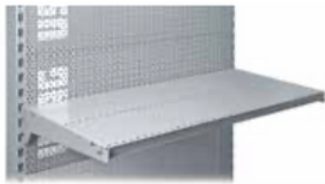
capacity ø mm(A) ø mm(Inox)	b mm	L mm	code	
2,4÷4,8	2,4÷4	22 273	995001	1



### 6000 A Display stand, initial element

- Supplied with light and USAG top
- Kit with 78 hooks and supports included
- 2 uprights included

LxPxH mm	code	1
1000x500x2500	U60000010	1



### 6002 EA on demand Linear shelf

- Supplied with supports for hanging
- To be used with linear elements 6000 and 6001

dimensions (mm)	code	1
1000x500	U60020021	1



### 6002 GD Supports for open-jaw double ended wrenches

Ø mm	dimensions (mm)	code	1
10 (6÷14 mm)	143x50	U60020047	1
10 (12÷23 mm)	143x50	U60020048	1
5 (17÷36 mm)	143x50	U60020049	1



### CO HELP 204 HELP roller cabinet - 3 drawers

- Work top and shelves protected with non-slip rubber mat
- Shockproof handle and outside corner protection
- Centralized lock for drawers
- Total opening drawers on telescopic ball-bearing slides
- Side compartments for small items
- Two swivelling wheels (Ø 100 mm) one of which with brake and two fixed wheels (Ø 125 mm)
- Dimensions: 2 side drawers 310x350x83 mm, front drawer 570x420x70 mm
- Max loading capacity (roller cabinet): 280 Kg
- Max loading capacity (front drawer): 30 Kg
- Using the optional panel CO 206 P1 it is not possible to assemble the handle

LxPxH mm	kg	code	1
890x490x840	32	C010203030	1



### 511 V Okay roller cabinet

- Work plan and bottom shelf supplied with oil and solvent resistant rubber mats
- Central compartment with fixed dividers
- Two inside drawers with seven movable dividers
- Padlock locking centralised
- Handles coated in shockproof material
- Oil-proof rubber wheels, 100 mm diam., two fixed and two swivelling, one of which with security brake
- Sheet steel casing, cathaphoretic proceeding
- Inside dimensions: compartment 750x430x165 mm drawers 350x408x60 mm
- Overall dimensions: closed 970x490x800 mm open 1425x490x800 mm
- with an additional bottom drawer on telescopic slides, open on both sides, bolt-locking, two movable dividers
- Inside dimensions of additional drawer: 560x408x100 mm
- 41 Kg



### CO 230/5L Long cantilever box

- Same features of model CO 230/5

LxPxH mm	kg	code	1
550x210x225	6,5	C010209021	4



### ex CO 305 L Workbench without drawers

- Model with multilayer wooden top, 30 mm thickness
- Arranged for ground fixing
- Sheet steel casing with anaphoretic process
- 4 uprights for size 1 m and 1,5 m
- 6 uprights for size 2 m
- Possibility to add drawer 501 U 175
- Static load:  
L 1000 = 1000 Kg  
L 1500 = 1500 Kg  
L 2000 = 2000 Kg

LxPxH mm	kg	code	1
1000x700x880	43	05010118	1
1500x700x880	55	05010119	1
2000x700x880	76	05010120	1



### 501 U175 Drawer with slides for workbenches 501 E1 and 501 E2 (ex CO 305)

- Lock for workbench included
- Inside dimensions: 570x420x175 mm
- Combinable with plastic trays for tools

kg	code	1
9	Q05010129	1