

Knipex® Table of Contents & Symbols Legend

Knipex^{MD} table des matières et légende des symboles



The Complete Plier Programme

| Plier Index | Page No. |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Combination Pliers | P121 |
| Wire Strippers | P122 |
| Round Nose Pliers | P123 |
| Chain Nose Side Cutting Pliers / Snipe Nose Side Cutting Pliers | P124 |
| Electronic Pliers / Relay Adjusting Pliers / Duck Bill Pliers / Mechanics' Pliers | P125-P126 |
| Internal Circlip Pliers | P127 |
| Retaining Ring Pliers | P127-P128 |
| Carpenters' Pincers / Concretors' Nippers / End Cutting Nippers / Diagonal Cutting Nippers / Wire & Bolt Cutters / Electronic Pliers | P129-P134 |
| Pipe Gripping Pliers / Plier Wrenches / Water Pump Pliers / 'Alligator' Pipe Grip & Spanner In One | P135-P136 |
| Sheet Metal Nibbler / Revolving Punch Pliers / Ribbon Cable Cutters / Cable Shears / Wire Rope Cutters | P137-P139 |

Information and Symbols used throughout the Knipex Plier Pages.

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Rivet Design</p> reverse action joint rivet forged on joint axis <p>Cross-Section of Jaws (basic styles)</p> flat half-round round | <p>Head Parts</p> | <p>Style of Joints</p> Lay-on joint Single joint Box joint |
| <p>Symbols</p> cutting edges bevelled cutting edges with small bevel cutting edges without bevel (flush cutter) centre cutter box joint 1000 V VDE | with spring with wire holding device jaws angled | gripping surfaced smooth gripping surfaces serrated gripping surfaces cross-cut for electronics copper and aluminum cable for wire rope |
| <p>The symbols respectively bearing 1000 V voltage indication and the manufacturer's trade mark KNIPLEX show that the tool conforms to IEC900: 1987 or has been manufactured and tested to VDE 0680/2.</p> <p>Design, production and storage tests conform to the VDE independant standard authority.</p> | | |

P

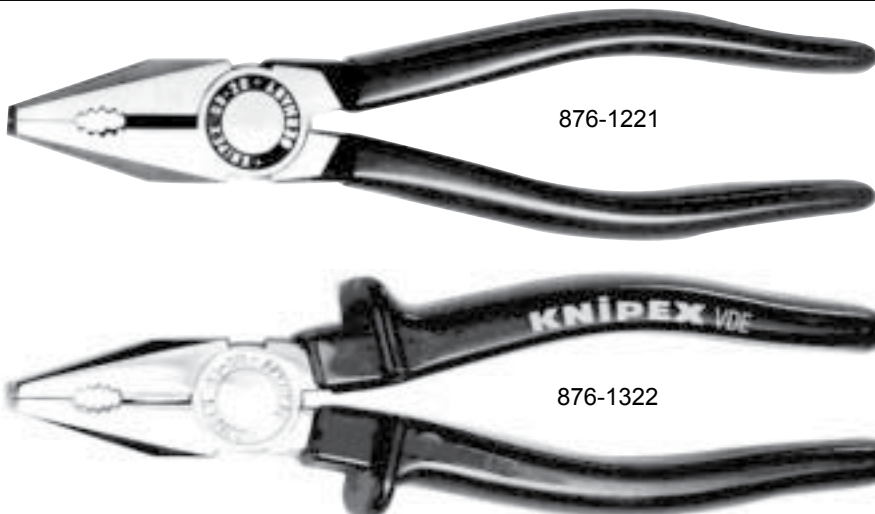
Inch and Metric
Pouce et Métrique



Pliers / Wire Strippers / Cutters
Pincés / Dénudeuses / Pincés coupantes

Combination Pliers Special Tool Steel

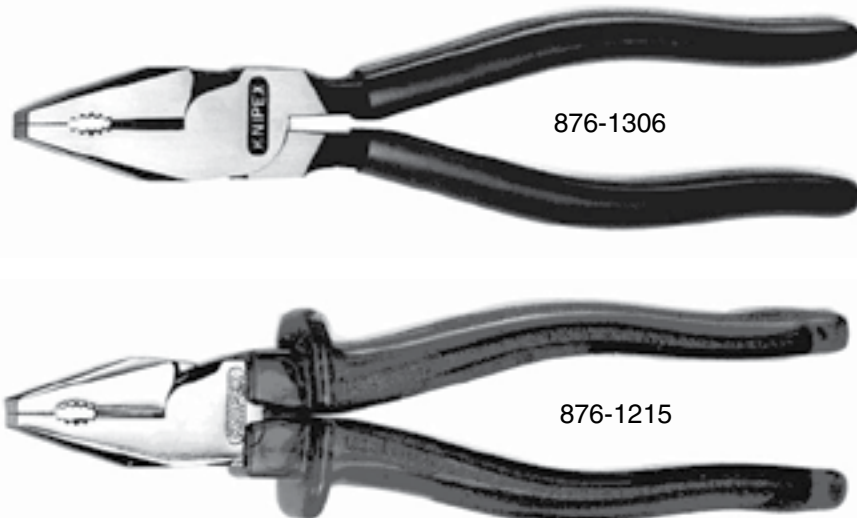
- cutting edges for hard and soft wire
- oil-hardened and tempered
- cutting edges separately induction-hardened
- cutting edge hardness approx. 60 HRc
- Material: special tool steel, oil-hardened



| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Cutting Ø Capacity | | | | | | Wt. g |
|--------------|----------|------------|--------|---------------|----------------------------|--------------------|-------|-----------|-------|-------|--------|-------|
| | | mm | inch | | | Med. wire | | Hard wire | | Cable | | |
| | | | | | | mm | inch | mm | inch | mm | inch | |
| 876-1218 | 0301140 | 140 | 5-1/2" | polished | plastic-coated | 2.8 | 7/64" | 1.8 | 5/64" | 9.0 | 11/32" | 100 |
| 876-1219 | 0301160 | 160 | 6-1/4" | | | 3.1 | 1/8" | 2.0 | 5/64" | 10.0 | 25/64" | 180 |
| 876-1220 | 0301180 | 180 | 7" | | | 3.4 | 9/64" | 2.2 | 5/64" | 12.0 | 15/32" | 210 |
| 876-1221 | 0301200 | 200 | 8" | | | 3.8 | 5/32" | 2.5 | 3/32" | 13.0 | 1/2" | 270 |
| 876-1315 | 0301250 | 250 | 10" | | | 3.8 | 5/32" | 2.5 | 3/32" | 15.0 | 37/64" | 460 |
| 876-1320 | 0306160 | 160 | 6-1/4" | chrome plated | heavily insulated | 3.1 | 1/8" | 2.0 | 5/64" | 10.0 | 25/64" | 200 |
| 876-1321 | 0306180 | 180 | 7" | | VDE-tested Δ 1000 V | 3.4 | 9/64" | 2.2 | 5/64" | 12.0 | 15/32" | 230 |
| 876-1322 | 0306200 | 200 | 8" | | 3.8 | 5/32" | 2.5 | 3/32" | 13.0 | 1/2" | 310 | |

High Leverage Combination Pliers

- with new, high leverage, eccentric joint
- 50% easier cutting
- with cutting edges for soft, hard and piano wire
- long-lasting under the toughest conditions
- oil-hardened and tempered
- cutting edges separately induction-hardened
- cutting edge hardness approx. 63 HRc
- Material: Quality high grade tool steel, oil-hardened



| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Cutting Ø Capacity | | | | | | Wt. g |
|--------------|----------|------------|------|----------|-------------------|--------------------|-------|------------|-------|-------|-------|-------|
| | | mm | inch | | | Hard wire | | Piano wire | | Cable | | |
| | | | | | | mm | inch | mm | inch | mm | inch | |
| 876-1306 | 0201180 | 180 | 7" | polished | plastic-coated | 2.5 | 3/32" | 2.0 | 5/64" | 11.5 | 7/16" | 200 |
| 876-1307 | 0201200 | 200 | 8" | | | 2.8 | 7/64" | 2.2 | 5/64" | 13.0 | 1/2" | 280 |
| 876-1308 | 0201225 | 225 | 9" | | | 3.0 | 1/8" | 2.5 | 3/32" | 14.0 | 9/16" | 340 |
| 876-1215 | 0202180 | 180 | 7" | polished | heavily insulated | 2.5 | 3/32" | 2.0 | 5/64" | 11.5 | 7/16" | 240 |
| 876-1216 | 0202200 | 200 | 8" | | | 2.8 | 7/64" | 2.2 | 5/64" | 13.0 | 1/2" | 320 |
| 876-1217 | 0202225 | 225 | 9" | | | 3.0 | 1/8" | 2.5 | 3/32" | 14.0 | 9/16" | 380 |

CATALOG 14 SPAENAUR

All items on this page
PKG QTY. 1

Wire Strippers / Pliers

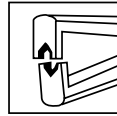
Dénudeuses / Pinces



Inch and Metric
Pouce et Métrique

Wire Strippers

- with locking adjustable screw for setting the desired diameter (solid or stranded wire) up to **5 mm dia.**, resp. **10 mm²**
- internal knurled nut for one hand adjustment
- style 0: with spring action
- style 1: without spring action (not stocked)
- Material: special tool steel , oil-hardened



876-1268

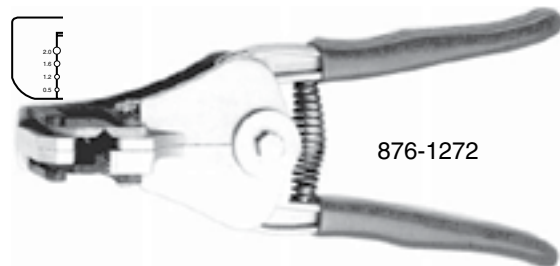


876-1333

| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Head | Handles | Wt. g |
|--------------|----------|------------|--------|-------|---------------|----------------------------------------------|-------|
| | | mm | inch | | | | |
| 876-1268 | 1101160 | 160 | 6-1/4" | 0 | polished | plastic-coated | 120 |
| 876-1333 | 1106160 | 160 | 6-1/4" | 1 | chrome plated | heavily insulated VDE-tested Δ 1000 V | 140 |

Automatic Insulation Stripper

- strong light-metal body
- replaceable blades of special steel with 4 and 6 positions resp. for different wire cross sections
- leaves wire undamaged; even multi-stranded conductors are stripped cleanly. During stripping the wire is held firm by clamping jaws. A length stop ensures constant stripping length on repetitive work. A spring returns the stripper to the starting position.
- wire cutter at end of blade



876-1272

| SPAENAUR No. | Mfg. No. | O/A Length | | Stripping Capacity mm ² | Wt. g |
|--------------|----------|------------|------|------------------------------------|-------|
| | | mm | inch | | |
| 876-1272 | 1211180 | 180 | 7" | 0.5, 1.2, 1.6, 2.0 | 380 |

Electricians' Pliers

- the ideal plier for cable work
- for cutting, stripping, crimping, gripping, bending
- for stripping wire of **0.9, 1.4, 1.8 mm dia.** resp. **0.6, 1.5, 2.5 mm²**
- for crimping cable links of **0.75, 1.5, 2.5 mm²**
- precision stripping holes and cutting edges
- cutting edges separately induction-hardened
- cutting edge hardness approx. 60 HRC
- Material: Chrome Vanadium electric steel, oil hardened



876-1224

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Stripping Capacity | | mm ² | Wt. g |
|--------------|----------|------------|--------|----------|--------------|--------------------|---------------------|-----------------|-------|
| | | mm | inch | | | mm | inch | | |
| 876-1224 | 1301160 | 160 | 6-1/4" | polished | plastic-ctd. | 0.9, 1.4, 1.8 | 1/32", 3/64", 5/64" | 0.6, 1.5, 2.5 | 120 |

Diagonal Insulation Strippers

- essential pliers for electrical installation work
- inductively hardened precision blades for soft wire
- blade hardness approx. 62HRc
- with insulation stripping holes for single and multiple strand cables **1.5 and 2.5 mm²**
- Material: high quality special tool steel , oil-hardened

| SPAENAUR No. | Mfg. No. | O/A Length | | Handles | Stripping Capacity mm ² | Wt. g |
|--------------|----------|------------|--------|-------------------|------------------------------------|-------|
| | | mm | inch | | | |
| 876-1512 | 1422160 | 160 | 6-1/4" | heavily insulated | 1.5 + 2.5 | 190 |

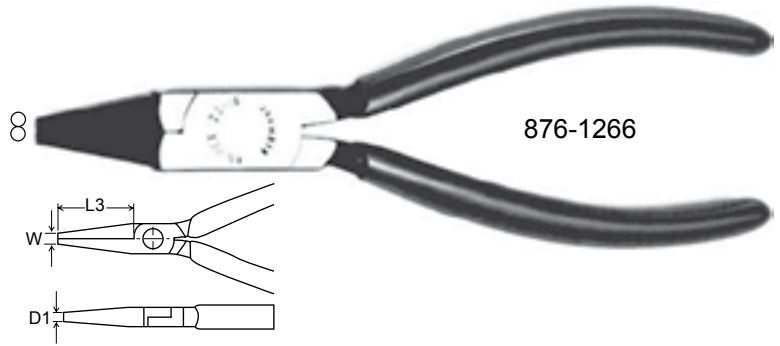


876-1512



Round Nose Pliers

- short, round jaws, precision ground
- gripping surfaces smooth
- for forming wire loops
- Material: special tool steel, oil-hardened



| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | L3 | | Dimensions W | | D1 | | Wt. g |
|--------------|----------|------------|--------|----------|----------------|----|---------|--------------|--------|-----|-------|-------|
| | | mm | inch | | | mm | inch | mm | inch | mm | inch | |
| 876-1265 | 2201140 | 140 | 5-1/2" | polished | plastic-coated | 28 | 1-3/32" | 16.5 | 21/32" | 2.5 | 3/32" | 100 |
| 876-1266 | 2201160 | 160 | 6-1/4" | | | 30 | 1-3/16" | 18.0 | 23/32" | 3.0 | 1/8" | 130 |

Flat Nose Assembly Pliers

- specifically suitable for Business Machine repair work
- flat-wide jaws
- gripping surfaces serrated
- Material: Special tool steel, oil-hardened



| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Wt. g |
|--------------|----------|------------|------|----------|----------------|-------|
| | | mm | inch | | | |
| 876-1269 | 2801200 | 200 | 8" | polished | plastic-coated | 190 |

Long Nose Pliers

- Material: Chrome Vanadium electric steel, oil-hardened



Finishes

1. Chrome Head, Plastic Coated Handle.
2. Chrome Head, Heavily Insulated Handle.
3. Polished Head, Plastic Coated Handle.

| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Fin. | Dimensions | | | | | | | | | Wt. g | | | |
|--------------|----------|------------|--------|-------|------|------------|----------|------|--------|-----|-------|-----|-------|-----|--------|-----|------|--|
| | | mm | inch | | | L3 | | W | | T1 | | W1 | | T2 | | | | |
| | | mm | inch | | | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | |
| 876-1347 | 3013160 | 160 | 6-1/4" | 1 | 1 | 46.5 | 1-27/32" | 16.5 | 21/32" | 9.5 | 3/8" | 3.0 | 1/8" | 5.0 | 13/64" | 110 | | |
| 876-1349 | 3015160 | 160 | 6-1/4" | 2 | 2 | 46.5 | 1-27/32" | 16.5 | 21/32" | 9.5 | 3/8" | 3.0 | 1/8" | 5.0 | 13/64" | 140 | | |
| 876-1350 | 3015190 | 190 | 7-1/2" | 2 | 2 | 50.0 | 1-31/32" | 17.0 | 43/64" | 8.0 | 5/16" | 3.0 | 1/8" | 7.0 | 17/64" | 160 | | |
| 876-1356 | 3021140 | 140 | 5-1/2" | 2 | 3 | 42.0 | 1-21/32" | 15.0 | 19/32" | 8.0 | 5/16" | 2.5 | 3/32" | 2.0 | 5/64" | 100 | | |
| 876-1357 | 3021160 | 160 | 6-1/4" | 3 | 3 | 50.0 | 1-31/32" | 16.5 | 21/32" | 9.5 | 3/8" | 3.0 | 1/8" | 2.5 | 3/32" | 120 | | |
| 876-1358 | 3021190 | 190 | 7-1/2" | 3 | 3 | 50.0 | 1-31/32" | 17.0 | 43/64" | 8.0 | 5/16" | 3.0 | 1/8" | 2.4 | 3/32" | 130 | | |

All items on this page
PKG QTY. 1



Pliers

Pinces

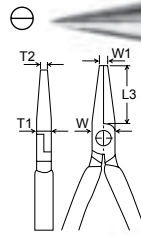


Inch and Metric

Pouce et Métrique

Chain Nose Side Cutting Pliers (Radio Pliers)

- with cutting edges for hard and soft wire
- flat-round jaws
- gripping surfaces serrated
- cutting edges separately induction-hardened
- cutting edge hardness approx. 60 HRc
- Style 0: straight jaws
- Style 2: jaws angled at 45°
- Material: special tool steel, oil-hardened



876-1205
Style 0

876-1208
Style 2

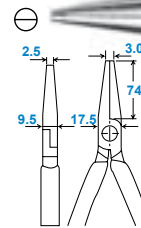
Finishes

- Polished Head, Plastic Coated Handle
- Chrome Plated Head, Plastic Coated Handle
- Chrome Plated Head, Heavily Insulated Handle
- Chrome Plated Head, Heavily Transparent Insulation Handle VDE Tested Δ 1000 V

| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Fin. | Dimensions | | | | | | | | | | Wt. g |
|--------------|----------|------------|--------|-------|------|------------|----------|------|--------|-----|-------|-----|-------|-----|-------|-------|
| | | mm | inch | | | L3 | | W | | T1 | | W1 | | T2 | | |
| 876-1205 | 2501125 | 125 | 5" | 0 | 1 | 27 | 1-1/16" | 13.0 | 1/2" | 7.0 | 9/32" | 2.5 | 3/32" | 1.8 | 5/64" | 60 |
| 876-1206 | 2501140 | 140 | 5-1/2" | 0 | 1 | 42 | 1-21/32" | 15.0 | 19/32" | 8.0 | 5/16" | 2.5 | 3/32" | 2.0 | 5/64" | 80 |
| 876-1207 | 2501160 | 160 | 6-1/4" | 0 | 1 | 50 | 1-15/16" | 16.5 | 21/32" | 9.5 | 3/8" | 3.0 | 1/8" | 2.5 | 3/32" | 100 |
| 876-1337 | 2505140 | 140 | 5-1/2" | 0 | 3 | 42 | 1-21/32" | 15.0 | 19/32" | 8.0 | 5/16" | 2.2 | 5/64" | 2.0 | 5/64" | 100 |
| 876-1338 | 2505160 | 160 | 6-1/4" | 0 | 3 | 50 | 1-15/16" | 16.5 | 21/32" | 9.5 | 3/8" | 3.0 | 1/8" | 2.5 | 3/32" | 130 |
| 876-1339 | 2506160 | 160 | 6-1/4" | 0 | 4 | 50 | 1-15/16" | 16.5 | 21/32" | 9.5 | 3/8" | 3.0 | 1/8" | 2.5 | 3/32" | 140 |
| 876-1208 | 2521160 | 160 | 6-1/4" | 2 | 1 | 50 | 1-15/16" | 16.5 | 21/32" | 9.5 | 3/8" | 3.0 | 1/8" | 2.5 | 3/32" | 115 |

Snipe Nose Side Cutting Pliers (Stork Beak Pliers)

- long, flat-round jaws
- gripping surfaces serrated
- with cutting edges for hard and soft wire
- cutting edges separately induction-hardened
- cutting edge hardness approx. 60 HRc
- Style 1: straight jaws
- Style 2: jaws angled at 45°
- Material: special tool steel, oil-hardened



876-1209
Style 1

876-1344
Style 2

| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Head | Handles | Wt. g |
|--------------|----------|------------|------|-------|---------------|----------------------------------------------|-------|
| | | mm | inch | | | | |
| 876-1209 | 2611200 | 200 | 8" | 1 | polished | plastic-coated | 160 |
| 876-1340 | 2613200 | 200 | 8" | | chrome plated | plastic-coated | 160 |
| 876-1341 | 2615200 | 200 | 8" | | chrome plated | heavily insulated | 180 |
| 876-1342 | 2616200 | 200 | 8" | | chrome plated | heavily insulated VDE-tested Δ 1000 V | 180 |
| 876-1210 | 2621200 | 200 | 8" | 2 | polished | plastic-coated | 180 |
| 876-1344 | 2625200 | 200 | 8" | | chrome plated | heavily insulated | 180 |

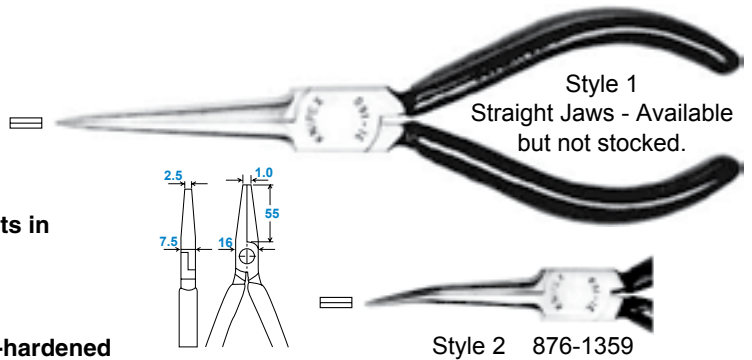
P



Electronics Pliers (Needle Nose Pliers)



- 55 mm extra long jaws
- gripping surfaces smooth
- sharp edges carefully removed
- for the adjustment and bending of components in electronic equipment
- Style 1: straight jaws (not stocked)
- Style 2: 45° angled jaws
- Material: Chrome Vanadium electric steel, oil-hardened

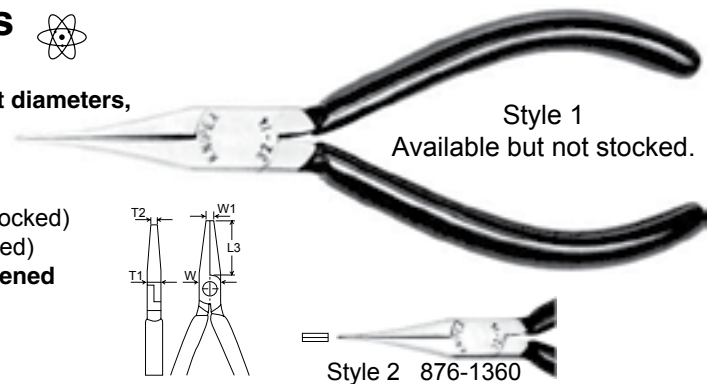


| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Head | Handles | Wt. g |
|--------------|----------|------------|--------|-------|----------|----------------|-------|
| | | mm | inch | | | | |
| 876-1359 | 3121160 | 160 | 6-1/4" | 2 | polished | plastic-coated | 80 |

Relay Adjusting Pliers



- gripping surfaces polished
- for gripping components and wires of the smallest diameters, as well as bending contact and relay springs
- Style 1: flat-pointed jaws (not stocked)
- Style 2: flat-wide jaws
- Style 3: jaws angled at an upward 40° curve (not stocked)
- Style 4: jaws right angled sideways (90°) (not stocked)
- Material: Chrome Vanadium electric steel, oil-hardened



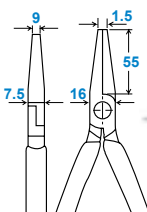
Finishes

1. Polished Head, Soft Plastic Coated Handles

| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Fin. | Dimensions | | | | | | | | | | Wt. g |
|--------------|----------|------------|--------|-------|------|------------|----------|------|--------|-----|-------|-----|-------|-----|-------|-------|
| | | mm | inch | | | L3 | W | T1 | W1 | T2 | | | | | | |
| 876-1360 | 3221135 | 135 | 5-1/4" | 2 | 1 | 34 | 1-11/32" | 12.5 | 31/64" | 7.0 | 9/32" | 1.0 | 1/32" | 3.5 | 9/64" | 60 |

Duck Bill Pliers

- jaws 9 mm wide and reducing to 1.5 mm thickness
- gripping surfaces smooth
- Material: Chrome Vanadium electric steel, oil-hardened



| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Wt. g |
|--------------|----------|------------|--------|----------|----------------|-------|
| | | mm | inch | | | |
| 876-1273 | 3301160 | 160 | 6-1/4" | polished | plastic-coated | 100 |

All items on this page
PKG QTY. 1

Pliers

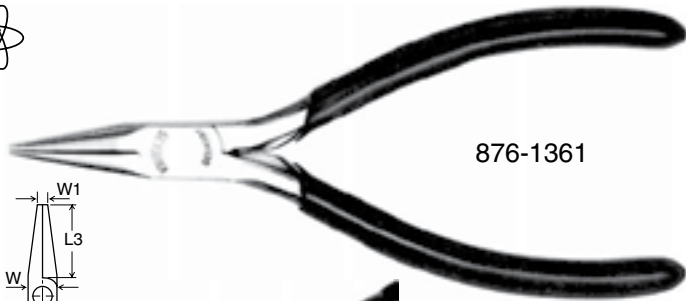
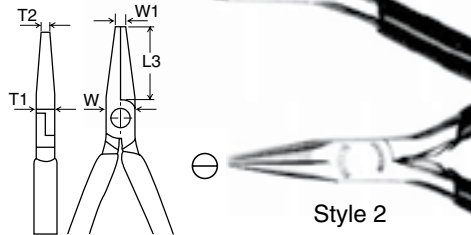
Pinces



Inch and Metric
Pouce et Métrique

Electronics Pliers

- zero play box joint
- smooth gripping surfaces
- precision tips for very fine electronic and precision assembly work
- with captive, frictionless double spring
- for gripping, holding and bending:
Style 1: flat-wide jaws (not stocked)
Style 2: flat-round jaws
- for forming wire loops or wire eyes:
Style 3: round-pointed jaws (not stocked)
- Material: special tool steel, oil-hardened



876-1361

Finishes

1. Polished Head, Soft, Plastic Coated Handles

| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Fin. | Dimensions | | | | | | | | | | Wt. g |
|--------------|----------|------------|--------|-------|------|------------|--------|-----|------|-----|------|-----|-------|-----|-------|-------|
| | | mm | inch | | | L3 | | W | | T1 | | W1 | | T2 | | |
| 876-1361 | 3521115 | 115 | 4-1/2" | 2 | 1 | 22.5 | 57/64" | 9.5 | 3/8" | 6.5 | 1/4" | 2.0 | 5/64" | 1.5 | 1/16" | 50 |

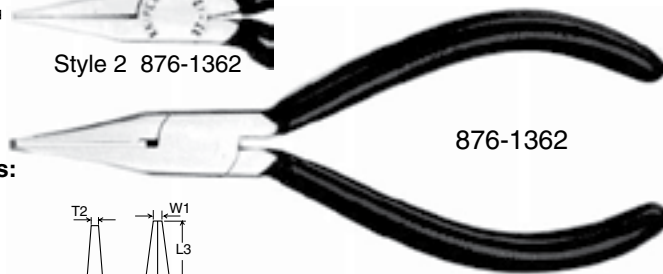
Relay Adjusting Pliers

(Watchmakers Pliers)

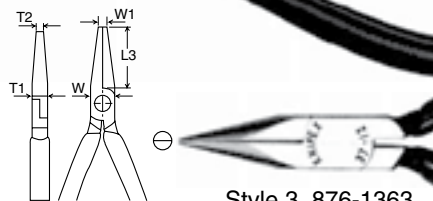
- smooth gripping surfaces
- sharp edges carefully removed
- for gripping and adjusting components and wire leads:
Style 1: flat-wide jaws (not stocked)
Style 2: flat-pointed jaws
- for bending contact and relay springs:
Style 3: flat-round jaws
Style 4: round-pointed jaws (not stocked)
- Material: Chrome Vanadium electric steel, oil-hardened



Style 2 876-1362



876-1362



Style 3 876-1363

Finishes

1. Polished Head, Soft Plastic Coated Handles

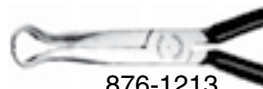
| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Fin. | Dimensions | | | | | | | | | | Wt. g |
|--------------|----------|------------|------|-------|------|------------|---------|------|--------|-----|--------|-----|-------|-----|-------|-------|
| | | mm | inch | | | L3 | | W | | T1 | | W1 | | T2 | | |
| 876-1362 | 3721125 | 125 | 5" | 2 | 1 | 27 | 1-1/16" | 12.5 | 31/64" | 7.0 | 17/64" | 2.0 | 5/64" | 2.0 | 5/64" | 60 |
| 876-1363 | 3731125 | 125 | 5" | 3 | 1 | 27 | 1-1/16" | 13 | 33/64" | 7.0 | 17/64" | 2.0 | 5/64" | 1.7 | 1/16" | 60 |

Mechanics' Pliers

- strong, serrated gripping surfaces
- 876-1211: for gaining entry to inaccessible parts
- 876-1212: ideal for gripping different materials
- 876-1213: ideal for gripping small hoses, clamps, spark plug covers and other small components
- Material: vanadium steel, oil-hardened



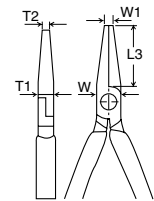
876-1211



876-1213



876-1212



Finishes

2. Polished Head, Plastic Coated Handles

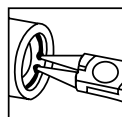
| SPAENAUR No. | Mfg. No. | O/A Length | | Style | Fin. | Dimensions | | | | | | | | | | Wt. g |
|--------------|----------|------------|------|-------|------|------------|--------|------|--------|-----|------|-----|------|-----|-------|-------|
| | | mm | inch | | | L3 | | W | | T1 | | W1 | | T2 | | |
| 876-1211 | 3831200 | 200 | 8" | 1 | 2 | 73 | 2-7/8" | 17.5 | 11/16" | 9.5 | 3/8" | 3.0 | 1/8" | 2.5 | 3/32" | 170 |
| 876-1212 | 3871200 | 200 | 8" | 2 | 2 | 73 | 2-7/8" | 17.5 | 11/16" | 9.5 | 3/8" | 3.0 | 1/8" | 2.0 | 5/64" | 160 |
| 876-1213 | 3891200 | 200 | 8" | 3 | 2 | 73 | 2-7/8" | 17.5 | 11/16" | 9.5 | 3/8" | — | — | 2.5 | 3/32" | 170 |

Inch and Metric
Pouce et Métrique

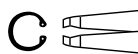


Retaining Ring Tools
Outils pour bagues de retenue

Internal Circlip Pliers



Style 1 straight
Style 2 \sphericalangle 90°



876-1236

- Solid style, forged
- Precision non-slip tips
- Material: Chrome Vanadium electric steel, oil-hardened

Model 876-1380, 876-1558, 876-1385, and 876-1386 tips are tempered steel and are replaceable. Pliers are black powder coated sheet steel construction.

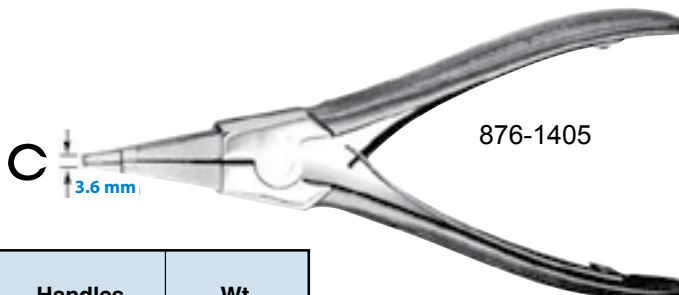


| SPAENAUR No. | Mfg. No. | Style | Head | Handles | For Size of bore Ø mm | Length mm | Wt. g | | | |
|--------------|----------|---------------------------|-----------|--------------------|---------------------------|-----------|----------------|----------|-----|-----|
| 876-1630 | 4411J0 | Straight | polished | plastic-coated | 8 - 13 | 140 | 90 | | | |
| 876-1235 | 4411J1 | | | | 12 - 25 | 140 | 80 | | | |
| 876-1236 | 4411J2 | | | | 19 - 60 | 180 | 130 | | | |
| 876-1237 | 4411J3 | | | | 40 - 100 | 225 | 190 | | | |
| 876-1238 | 4411J4 | | | | 85 - 140 | 320 | 460 | | | |
| 876-1384 | 4413J4 | | | | 85 - 140 | 320 | 1420 | | | |
| 876-1380 | 4410J5 | \sphericalangle 90° | burnished | black, powder ctd. | 122 - 300 | 570 | 1420 | | | |
| 876-1558 | 4410J6 | | | | 252 - 400 | 580 | 1420 | | | |
| 876-1632 | 4421J01 | | | | \sphericalangle 90° | polished | plastic-coated | 8 - 13 | 130 | 90 |
| 876-1239 | 4421J11 | | | | | | | 12 - 25 | 130 | 80 |
| 876-1240 | 4421J21 | | | | | | | 19 - 60 | 170 | 135 |
| 876-1241 | 4421J31 | | | | | | | 40 - 100 | 215 | 200 |
| 876-1242 | 4421J41 | 85 - 140 | 300 | 460 | | | | | | |
| 876-1385 | 4420J51 | 122 - 300 | 590 | 1480 | | | | | | |
| 876-1386 | 4420J61 | 252 - 400 | 600 | 1480 | | | | | | |

| SPAENAUR No. | Mfg. No. | Description | |
|--------------|----------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 876-1425 | 4419J5 | Spare Tips for 876-1380 (PKG QTY. 1 Pair) | Only use circlips which comply with DIN regulations. Loosen tight circlips before removing them. Only use internal circlip pliers for the specified diameter range. We recommend that goggles are always worn when working with these pliers. |
| 876-1199 | 4419J6 | Spare Tips for 876-1558 (PKG QTY. 1 Pair) | |
| 876-1641 | 4429J51 | Spare Tips for 876-1385 (PKG QTY. 1 Pair) | |
| 876-1654 | 4429J61 | Spare Tips for 876-1386 (PKG QTY. 1 Pair) | |

Special Retaining Ring Pliers

- for fitting horseshoe-shaped spring retaining rings without grip holes
- for shaft retaining devices
- Material: Chrome Vanadium electric steel



876-1405

3.6 mm

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles (Checkered) | Wt. g |
|--------------|----------|------------|--------|-------------|---------------------|-------|
| | | mm | inch | | | |
| 876-1405 | 4510170 | 170 | 6-3/4" | black oxide | black oxide | 160 |

All items on this page PKG QTY. 1

CATALOG 14 SPAENAUR

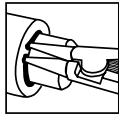
Retaining Ring Tools

Outils pour bagues de retenue



Inch and Metric
Pouce et Métrique

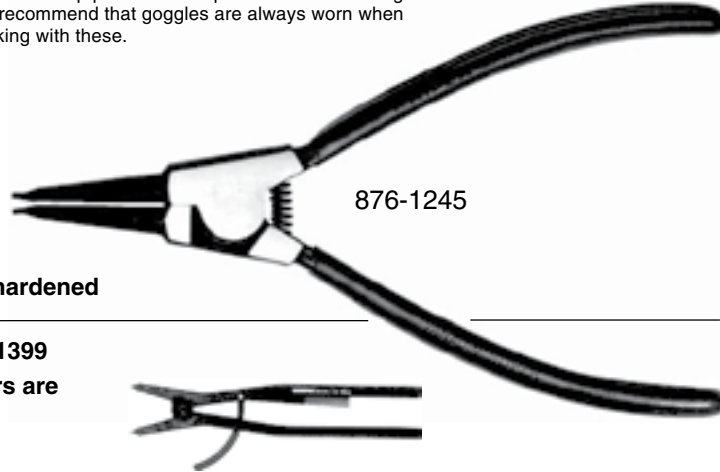
External Circlip Pliers



Style 1 Straight
Style 2 $\angle 90^\circ$



Only use circlips which comply with DIN regulations. Loosen tight circlips before removing them. Only use external circlip pliers for the specified diameter range. We recommend that goggles are always worn when working with these.



- solid style, forged
- precision non slip tips
- Material: Chrome Vanadium electric steel, oil-hardened

Models 876-1391, 876-1392, 876-1398 and 876-1399 tips are tempered steel and are replaceable. Pliers are black powder coated, sheet steel construction.

| SPAENAUR No. | Mfg. No. | Style | Head | Handles | For Size of shaft Ø mm | Length mm | Wt. g |
|--------------|----------|----------------------------|-----------|--------------------|------------------------|-----------|--------------------|
| 876-1243 | 4611A0 | 1 straight | polished | plastic-coated | 3 - 10 | 140 | 80 |
| 876-1244 | 4611A1 | | | | 10 - 25 | 140 | 80 |
| 876-1245 | 4611A2 | | | | 19 - 60 | 180 | 140 |
| 876-1246 | 4611A3 | | | | 40 - 100 | 210 | 200 |
| 876-1247 | 4611A4 | | | | 85 - 140 | 315 | 490 |
| 876-1391 | 4610A5 | | burnished | black, powder ctd. | 122 - 300 | 560 | 1440 |
| 876-1392 | 4610A6 | | | | 252 - 400 | 570 | 1420 |
| 876-1248 | 4621A01 | 2 $\angle 90^\circ$ | polished | plastic-coated | 3 - 10 | 125 | 80 |
| 876-1249 | 4621A11 | | | | 10 - 25 | 125 | 80 |
| 876-1250 | 4621A21 | | | | 19 - 60 | 170 | 130 |
| 876-1251 | 4621A31 | | | | 40 - 100 | 200 | 200 |
| 876-1252 | 4621A41 | | | | 85 - 140 | 300 | 490 |
| 876-1398 | 4620A51 | | | | | burnished | black, powder ctd. |
| 876-1399 | 4620A61 | 252 - 400 | 570 | 1400 | | | |

| SPAENAUR No. | Mfg. No. | Description |
|--------------|----------|-------------------------|
| 876-1427 | 4619A5 | Spare Tips for 876-1391 |
| 876-1655 | 4619A6 | Spare Tips for 876-1392 |
| 876-1426 | 4629A51 | Spare Tips for 876-1398 |
| 876-1656 | 4629A61 | Spare Tips for 876-1399 |

PKG QTY. 1 Pair

All items on this page
PKG QTY. 1

P

CATALOG 14

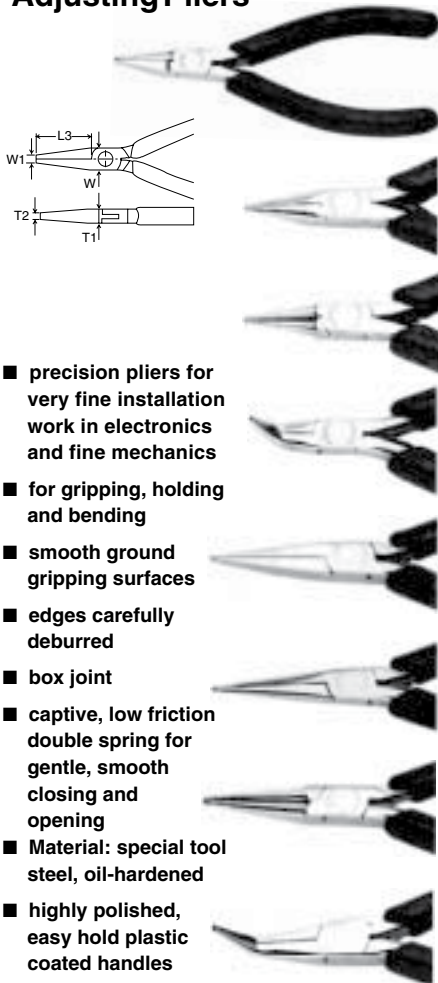
SPAENAUR

Inch and Metric
Pouce et Métrique



Pliers
Pincés

Electronic Pliers
Gripping and
Adjusting Pliers



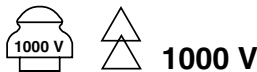
- precision pliers for very fine installation work in electronics and fine mechanics
- for gripping, holding and bending
- smooth ground gripping surfaces
- edges carefully deburred
- box joint
- captive, low friction double spring for gentle, smooth closing and opening
- Material: special tool steel, oil-hardened
- highly polished, easy hold plastic coated handles

| SPAENAUR No. (Mfg. No.) | Length mm inch | Style | Dimensions | | | | | Cutting Capacity *soft Ø mm/in. | Wt. g |
|---------------------------|----------------|--------------------------------------------|---------------|---------------|---------------|--------------|---------------|---------------------------------|-------|
| | | | W1 mm inch | L3 mm inch | W mm inch | T1 mm inch | T2 mm inch | | |
| 876-1276 (3512) | 115 4-1/2" | flat, wide jaws | 2.0 0.079" | 22.5 0.89" | 9.5 0.37" | 6.5 0.26" | 4.0 0.16" | — — | 50 |
| 876-1277 (3522) | 115 4-1/2" | flat-round jaws | 2.0 0.079" | 22.5 0.89" | 9.5 0.37" | 6.5 0.26" | 1.5 0.059" | — — | 60 |
| 876-1278 (3532) | 115 4-1/2" | pointed, round jaws for forming wire loops | 2.0 0.079" | 22.5 0.89" | 9.5 0.37" | 6.5 0.26" | 1.0 0.039" | — — | 60 |
| 876-1279 (3542) | 115 4-1/2" | 45° angled, flat-round jaws | 2.0 0.079" | 22.5 0.89" | 9.5 0.37" | 6.5 0.26" | 1.5 0.059" | — — | 50 |
| 876-1280 (3552) | 145 5-3/4" | flat, long jaws | 1.5 0.059" | 40.0 1.57" | 12.0 0.47" | 7.5 0.30" | 4.0 0.16" | — — | 80 |
| 876-1281 (3562) | 145 5-3/4" | flat-round, long jaws | 2.5 0.098" | 40.0 1.57" | 12.0 0.47" | 7.5 0.30" | 1.5 0.059" | — — | 90 |
| 876-1282 (3572) | 145 5-3/4" | round, long jaws | 2.5 0.098" | 40.0 1.57" | 12.0 0.47" | 7.5 0.30" | 1.3 0.051" | — — | 80 |
| 876-1283 (3582) | 145 5-3/4" | 45° angled, flat-round long jaws | 2.5 0.098" | 35.0 1.38" | 12.0 0.47" | 7.5 0.30" | 1.0 0.039" | — — | 80 |

All items on this page - PKG QTY. 1

Symbols

| | | | | | | | |
|--|------------------------|--|--------------------------------------------|--|-----------------------------|--|---------------------------|
| | cutting edges bevelled | | with spring | | gripping surfaced smooth | | for electronics |
| | box joint | | cutting edges with small bevel | | gripping surfaces serrated | | copper and aluminum cable |
| | centre cutter | | cutting edges without bevel (flush cutter) | | gripping surfaces cross-cut | | for wire rope |



The symbols respectively bearing 1000 V voltage indication and the manufacturer's trade mark KNIPEX show that the tool conforms to IEC900: 1987 or has been manufactured and tested to VDE 0680/2.



Design, production and storage tests conform to the VDE independant standard authority.

CATALOG 14

SPAENAUR



Pipe Gripping Pliers

- with serrated gripping jaws
- 4-position adjustable slip joint
- ideally suitable for tightening and removing plastic pipe joints and unions, round union or swivel nuts etc., up to 65 mm dia.
- Material: Chrome Vanadium electric steel, oil-hardened



876-1214

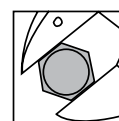
| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Working Ø Cap. | | Wt. g |
|--------------|----------|------------|--------|---------------|----------------|----------------|--------------|-------|
| | | mm | inch | | | mm | inch | |
| 876-1214 | 8103230 | 230 | 9-1/4" | chrome plated | plastic-coated | 25 - 65 | 1" - 2-9/16" | 280 |

Plier Wrenches Patented

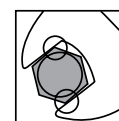
- plier and wrench in a single tool
- highly suitable for gripping, holding, pressing and bending work; and careful installation of surface-finished fittings
- grips all sizes up to 42 mm and 1-5/8"
- parallel, smooth jaws
- box joint
- fast adjustment at the touch of a button
- lever ratio greater than 10-1 for strong gripping power



876-1474



Plier Wrench: no play under pressure



Conventional Wrench: edge pressure could give surface marking

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Working Capacities | | Wt. g |
|--------------|----------|------------|------|---------------|----------------|--------------------|-------------|-------|
| | | mm | inch | | | mm | inch | |
| 876-1474 | 8603250 | 250 | 10" | nickel plated | plastic-coated | to 46 | to 1-13/16" | 560 |

KNIPEX - 'Cobra' Patented (Pipe grip and spanner in one)



876-1203

- with box joint
- a new generation of Water pump Pliers, for easier and more secure work
- press button action for fast and firm adjustment directly on the work
- selected jaw opening is positively ensured
- 11-position adjustment
- 400 mm 'Cobra' with 15-position adjustment
- one hand adjustment
- the guard prevents operators' fingers being pinched
- gripping surfaces parallelogram-shaped with special hardened teeth
- hardness of jaws approx. 56 HRC
- self-gripping on pipes and nuts
- Material: Chrome Vanadium electric steel, oil-hardened

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Working Ø Cap. for pipes (dia.) inch | for nuts (across flats) | | Wt. g |
|--------------|----------|------------|---------|----------|----------------|--------------------------------------|-------------------------|----------------|-------|
| | | mm | inch | | | | mm | inch | |
| 876-1202 | 8701180 | 180 | 7" | polished | plastic-coated | 1/8" - 1-1/4" | 6 - 30 | 1/4" - 1-3/16" | 170 |
| 876-1657 | 8701250 | 250 | 10" | | | 1/8" - 1-5/8" | 6 - 36 | 1/4" - 1-7/16" | 300 |
| 876-1203 | 8701300 | 300 | 12" | | | 1/8" - 2" | 7 - 48 | 9/32" - 1-7/8" | 545 |
| 876-1204 | 8701400 | 400 | 15-1/2" | | | 1/8" - 3" | 10 - 65 | 3/8" - 2-9/16" | 1000 |

All items on this page PKG QTY. 1


Pliers

Pinces



Inch and Metric
Pouce et Métrique

**KNIPEX - 'Alligator' Patented
(Pipe grip and spanner in one)**

- with heavy duty box joint  construction
- self-gripping on pipes and nuts
- gripping surfaces parallelogram-shaped
- special hardened teeth
- hardness of teeth approx. 56 HRc
- the guard prevents operators' fingers being pinched
- optimum lever action
- 7-position adjustment
- Material: Chrome Vanadium electric steel, oil-hardened



876-1200

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Working Ø Cap. for pipes (dia.) inch | for nuts (across flats) | | Wt. g |
|--------------|----------|------------|------|---------------|----------------|--------------------------------------|-------------------------|-----------------|-------|
| | | mm | inch | | | | mm | inch | |
| 876-1200 | 8801250 | 250 | 10" | polished | plastic-coated | 1/8" - 1-1/2" | 6 - 36 | 1/4" - 1-13/32" | 300 |
| 876-1201 | 8801300 | 300 | 12" | | | 1/8" - 1-7/8" | 7 - 48 | 9/32" - 1-7/8" | 500 |
| 876-1640 | 8805250 | 250 | 10" | chrome plated | hvy. insulated | 1/8" - 1-1/2" | 6 - 36 | 1/4" - 1-13/32" | 325 |

**Water Pump Pliers
with groove joint**

- all strain removed from pivot bolt, hence no wear on pivot
- easy, convenient engagement through milled swivel giving 5 different positions
- positive, secure seating of the two plier halves in every setting position
- with guard
- gripping surfaces with special hardened teeth
- hardness of teeth approx. 56 HRc
- non slip joint
- Material: Chrome Vanadium electric steel, oil-hardened



876-1328

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Working Ø Cap. for pipes (dia.) inch | for nuts (across flats) | | Wt. g |
|--------------|----------|------------|------|----------|----------------|--------------------------------------|-------------------------|-----------------|-------|
| | | mm | inch | | | | mm | inch | |
| 876-1328 | 8901250 | 250 | 10" | polished | plastic coated | 1/8" - 1-3/8" | 6 - 36 | 1/4" - 1-13/32" | 340 |

All items on this page PKG QTY. 1

P

Inch and Metric
Pouce et Métrique



Nibbler / Punch / Cutter
Grignoteuse / Poinçon / Outils de coupe

Sheet Metal Nibbler

- with chip breaker
- for cutting iron, copper or aluminum plate up to max. **1.2 mm** (18 Ga.) in thickness, plastic up to max. **2.0 mm** in thickness
- easy to use
- clean, burr-free edges
- materials are cut without deforming
- Material: tool body made of high strength special steel, moving parts specially hardened and tempered



876-1614

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Wt. g |
|--------------|----------|------------|--------|---------------|----------------|-------|
| | | mm | inch | | | |
| 876-1614 | 9055280 | 280 | 11" | nickel plated | plastic-coated | 480 |
| 876-1615 | 9059280 | 72 | 2-3/4" | spare blades | | |



876-1615
Spare blades

Revolving Punch Pliers

- with 6 replaceable punches
- for punching holes in leather, textile or plastic material
- punch dia.: **2.0 mm, 2.5 mm, 3.0 mm, 3.5 mm, 4.0 mm, 5 mm.**
- punch dia.: **5/64", 3/32", 1/8", 9/64", 5/32", 3/16".**
- pressed and shaped from high-strength sheet steel
- with opening spring and lock
- powder-coated for rust protection

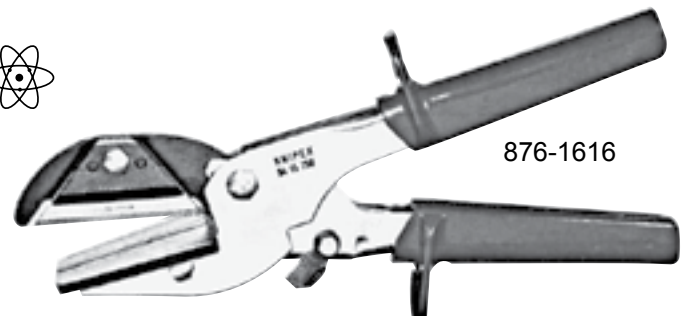


876-1271

| SPAENAUR No. | Mfg. No. | O/A Length | | Handles | Wt. g |
|--------------|----------|------------|--------|---------------|-------|
| | | mm | inch | | |
| 876-1271 | 9070220 | 220 | 8-1/2" | Red lacquered | 260 |

Ribbon Cable Cutter

- for crush-free cutting of ribbon cables up to **56 mm** in width
- interchangeable cutting base with fence angle for perpendicular angled cutting
- replaceable, conventional cutting blade
- with opening spring and latch
- Material: handle and blade mounting made of special steel



876-1616

| SPAENAUR No. | Mfg. No. | O/A Length | | Head | Handles | Cutting Capacity Ribbon Cable | | Wt. g |
|--------------|----------|------------|--------|---------------|----------------|-------------------------------|---------|-------|
| | | mm | inch | | | mm | inch | |
| 876-1616 | 9415215 | 215 | 8-1/2" | nickel plated | plastic-coated | up to 56 | 2-7/32" | 380 |

All items on this page
PKG QTY. 1

CATALOG 14 SPAENAUR