

Knipex® Table of Contents & Symbols Legend






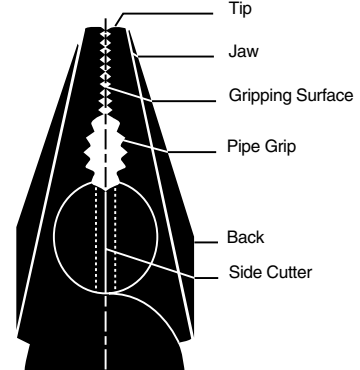
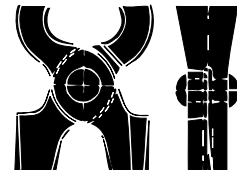
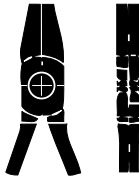
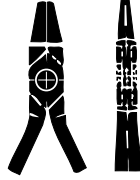








































Knipex^{MD} table des matières et légende des symboles



The Complete Plier Programme

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Information and Symbols used throughout the Knipex Plier Pages.

<h4>Rivet Design</h4>  reverse action joint rivet  forged on joint axis <h4>Cross-Section of Jaws (basic styles)</h4>  flat  half-round  round	<h4>Head Parts</h4>  <ul style="list-style-type: none"> Tip Jaw Gripping Surface Pipe Grip Back Side Cutter 	<h4>Style of Joints</h4>  Lay-on joint  Single joint  Box joint												
<h4>Symbols</h4> <table border="0"> <tr> <td> cutting edges bevelled</td> <td> with spring</td> <td> gripping surfaced smooth</td> <td> for electronics</td> </tr> <tr> <td> box joint</td> <td> cutting edges with small bevel</td> <td> with wire holding device</td> <td> gripping surfaces serrated</td> </tr> <tr> <td> centre cutter</td> <td> cutting edges without bevel (flush cutter)</td> <td> jaws angled</td> <td> gripping surfaces cross-cut</td> </tr> </table>			 cutting edges bevelled	 with spring	 gripping surfaced smooth	 for electronics	 box joint	 cutting edges with small bevel	 with wire holding device	 gripping surfaces serrated	 centre cutter	 cutting edges without bevel (flush cutter)	 jaws angled	 gripping surfaces cross-cut
 cutting edges bevelled	 with spring	 gripping surfaced smooth	 for electronics											
 box joint	 cutting edges with small bevel	 with wire holding device	 gripping surfaces serrated											
 centre cutter	 cutting edges without bevel (flush cutter)	 jaws angled	 gripping surfaces cross-cut											
  1000 V <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>														

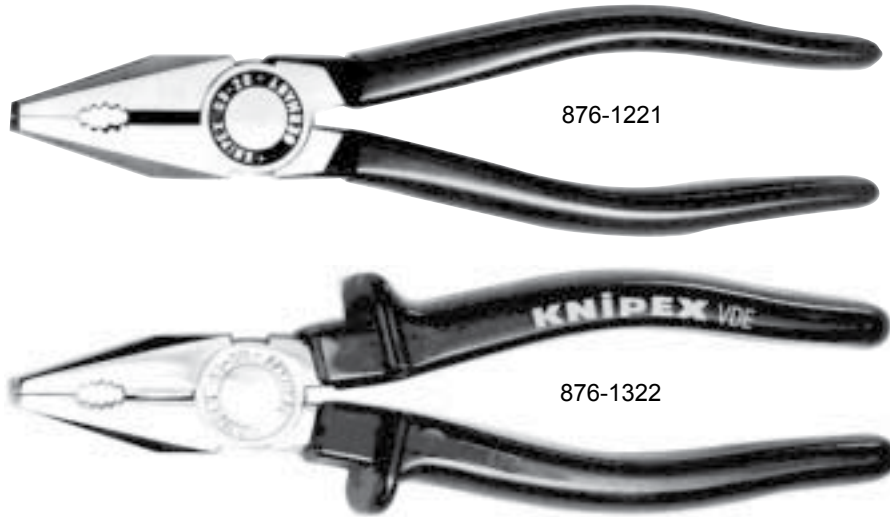
Inch and Metric
Pouce et Métrique



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

Combination Pliers Special Tool Steel

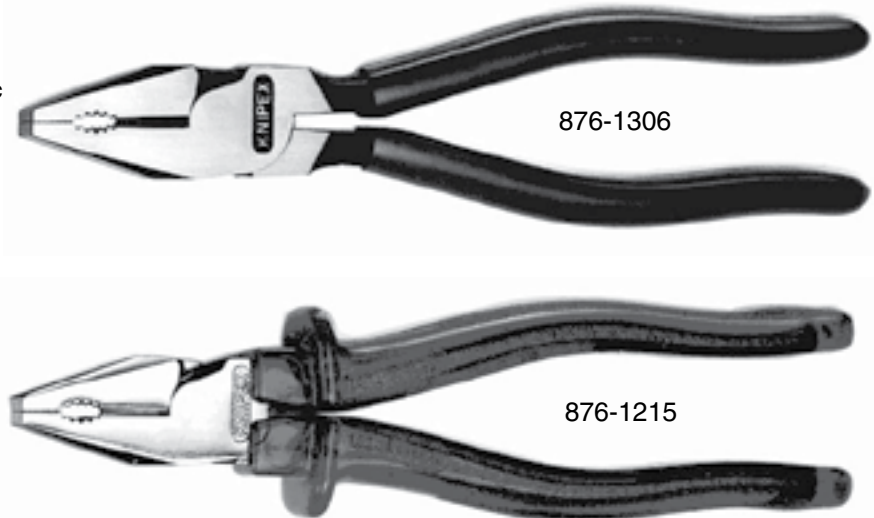
- cutting edges for hard and soft wire
- oil-hardened and tempered
- cutting edges separately induction-hardened
- cutting edge hardness approx. 60 HRc
- Material: special tool steel, oil-hardened



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	3.4	9/64"	2.2	5/64"	12.0	15/32"	230
876-1322	0306200	200	8"		△ 1000 V	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

All items on this page
PKG QTY. 1



Wire Strippers / Pliers

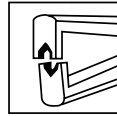
Dénudeuses / Pinces



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

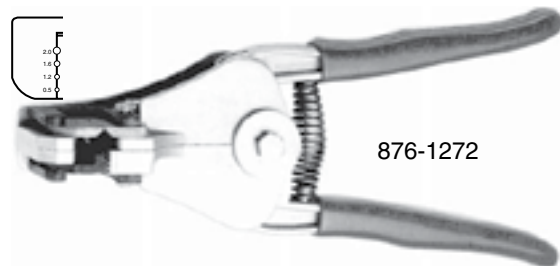


876-1333

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"		chrome plated	heavily insulated VDE-tested 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

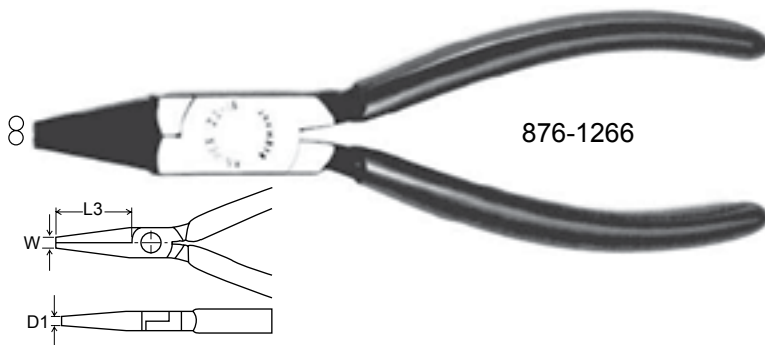
Inch and Metric
Pouce et Métrique



Pliers
Pincés

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

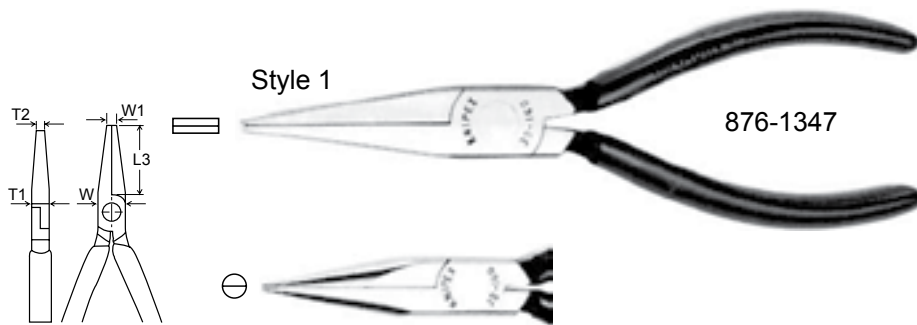
- specifically suitable for Business Machine repair work
- flat-wide jaws
- gripping surfaces serrated
- Material: Special tool steel, oil-hardened



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.	L3		W		T1		W1		T2		Wt. g
		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

CATALOG 14 SPAENAUR



Pliers

Pinces

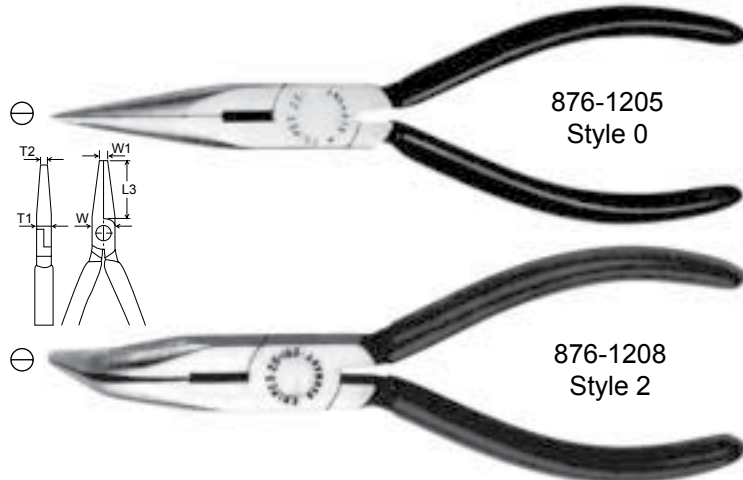
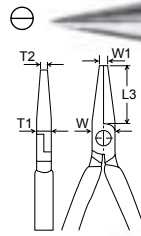


Inch and Metric

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

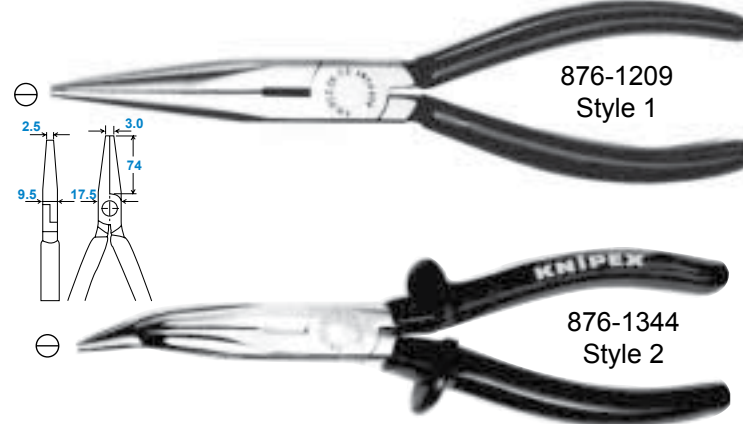
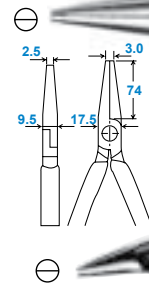
Finishes

- 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

Inch and Metric
Pouce et Métrique

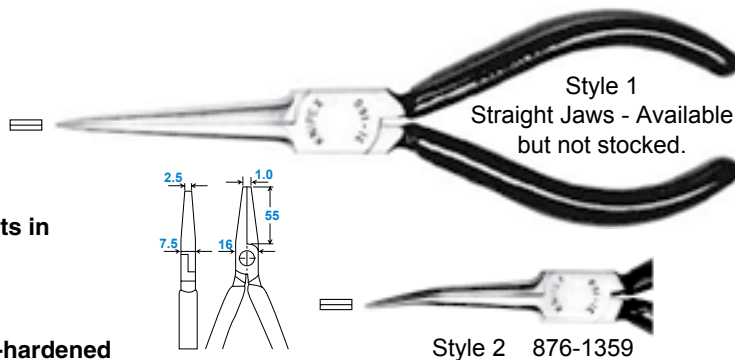


Pliers
Pincés

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

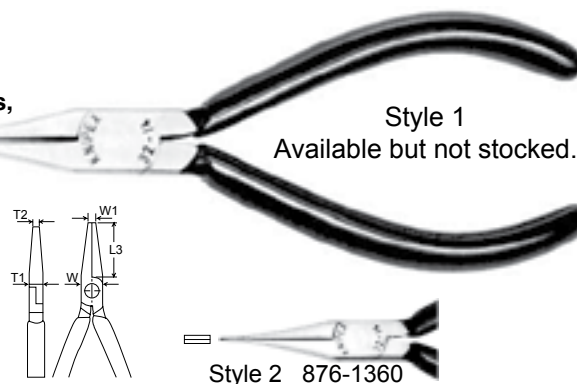


SPAENAUR No.	Mfg. No.	O/A Length		Style	Head	Handles	Wt. g
		mm	inch				
876-1359	3121160	160	6-1/4"	2	polished	plastic-coated	80

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



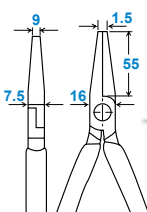
Finishes

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

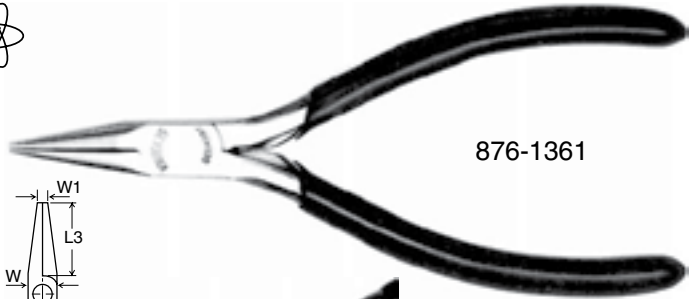
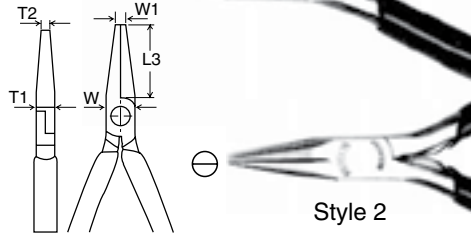


Inch and Metric

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

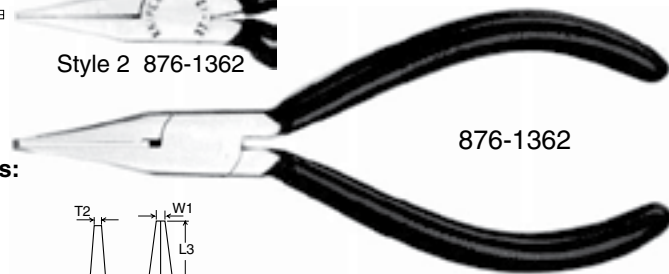
Relay Adjusting Pliers

(Watchmakers Pliers)

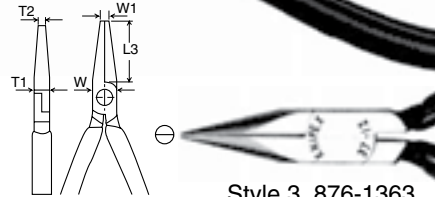
- smooth gripping surfaces
- sharp edges carefully removed
- for gripping and adjusting components and wire leads:
Style 1: flat-wide jaws (not stocked)
Style 2: flat-pointed jaws
- for bending contact and relay springs:
Style 3: flat-round jaws
Style 4: round-pointed jaws (not stocked)
- Material: Chrome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



Style 2 876-1362



876-1362



Style 3 876-1363

Finishes

1. Polished Head, Soft Plastic Coated Handles

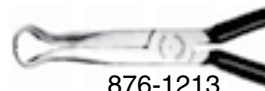
SPAENAUR No.	Mfg. No.	O/A Length		Style	Fin.	Dimensions										Wt. g
		mm	inch			L3		W		T1		W1		T2		
876-1362	3721125	125	5"	2	1	27	1-1/16"	12.5	31/64"	7.0	17/64"	2.0	5/64"	2.0	5/64"	60
876-1363	3731125	125	5"	3	1	27	1-1/16"	13	33/64"	7.0	17/64"	2.0	5/64"	1.7	1/16"	60

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



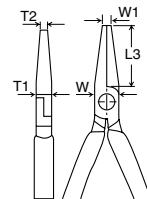
876-1211



876-1213



876-1212



Finishes

2. Polished Head, Plastic Coated Handles

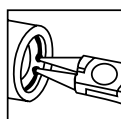
SPAENAUR No.	Mfg. No.	O/A Length		Style	Fin.	Dimensions										Wt. g
		mm	inch			L3		W		T1		W1		T2		
876-1211	3831200	200	8"	1	2	73	2-7/8"	17.5	11/16"	9.5	3/8"	3.0	1/8"	2.5	3/32"	170
876-1212	3871200	200	8"	2	2	73	2-7/8"	17.5	11/16"	9.5	3/8"	3.0	1/8"	2.0	5/64"	160
876-1213	3891200	200	8"	3	2	73	2-7/8"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

Inch and Metric
Pouce et Métrique

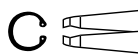


Retaining Ring Tools
Outils pour bagues de retenue

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.

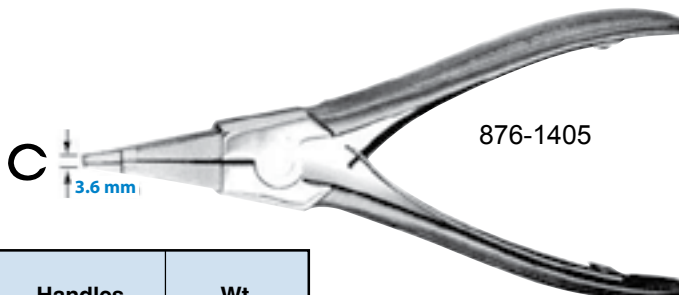


SPAENAUR No.	Mfg. No.	Style	Head	Handles	For Size of bore Ø mm	Length mm	Wt. g			
876-1630	4411J0	 Straight	polished	plastic-coated	8 - 13	140	90			
876-1235	4411J1				12 - 25	140	80			
876-1236	4411J2				19 - 60	180	130			
876-1237	4411J3				40 - 100	225	190			
876-1238	4411J4				85 - 140	320	460			
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

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

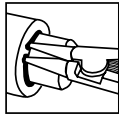
Retaining Ring Tools

Outils pour bagues de retenue



Inch and Metric
Pouce et Métrique

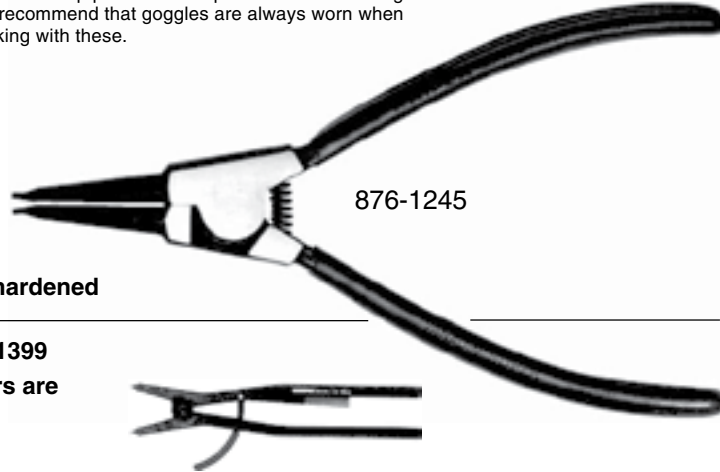
External Circlip Pliers



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



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 $\sphericalangle 90^\circ$	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				122 - 300	580	1390
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

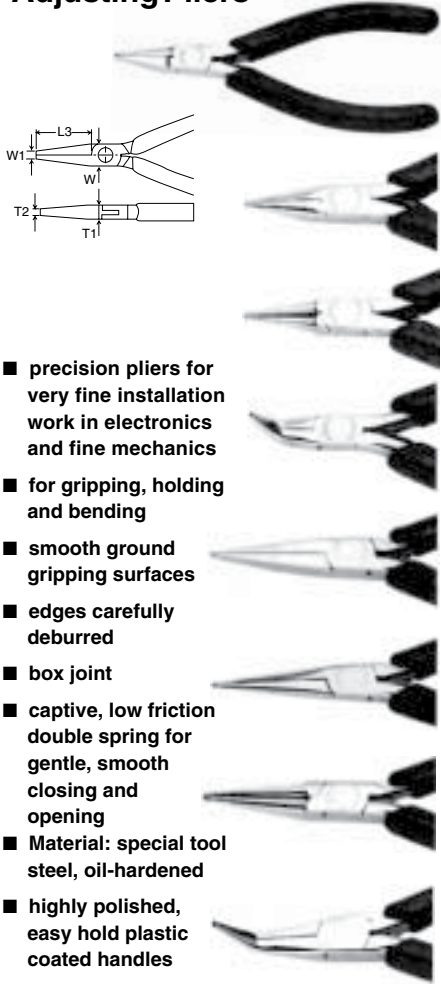
SPAENAUR

Inch and Metric
Pouce et Métrique



Pliers
Pincés

Electronic Pliers
Gripping and
Adjusting Pliers



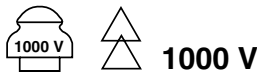
- precision pliers for very fine installation work in electronics and fine mechanics
- for gripping, holding and bending
- smooth ground gripping surfaces
- edges carefully deburred
- box joint
- captive, low friction double spring for gentle, smooth closing and opening
- Material: special tool steel, 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		with wire holding device		gripping surfaces serrated		copper and aluminum cable
	centre cutter		cutting edges without bevel (flush cutter)		jaws angled		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

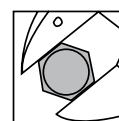
SPAENAUR No.	Mfg. No.	O/A Length		Head	Handles	Working Ø Cap.		Wt. g
		mm	inch			mm	inch	
876-1214	8103230	230	9-1/4"	chrome plated	plastic-coated	25 - 65	1" - 2-9/16"	280

Plier Wrenches Patented

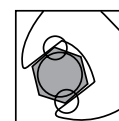
- plier and wrench in a single tool
- highly suitable for gripping, holding, pressing and bending work; and careful installation of surface-finished fittings
- grips all sizes up to 42 mm and 1-5/8"
- parallel, smooth jaws
- box joint
- fast adjustment at the touch of a button
- lever ratio greater than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

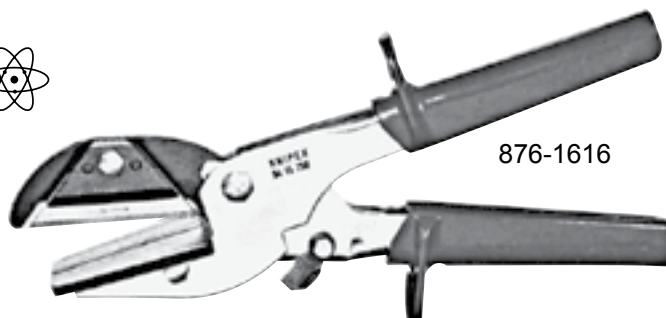


876-1271

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