

SNA-09

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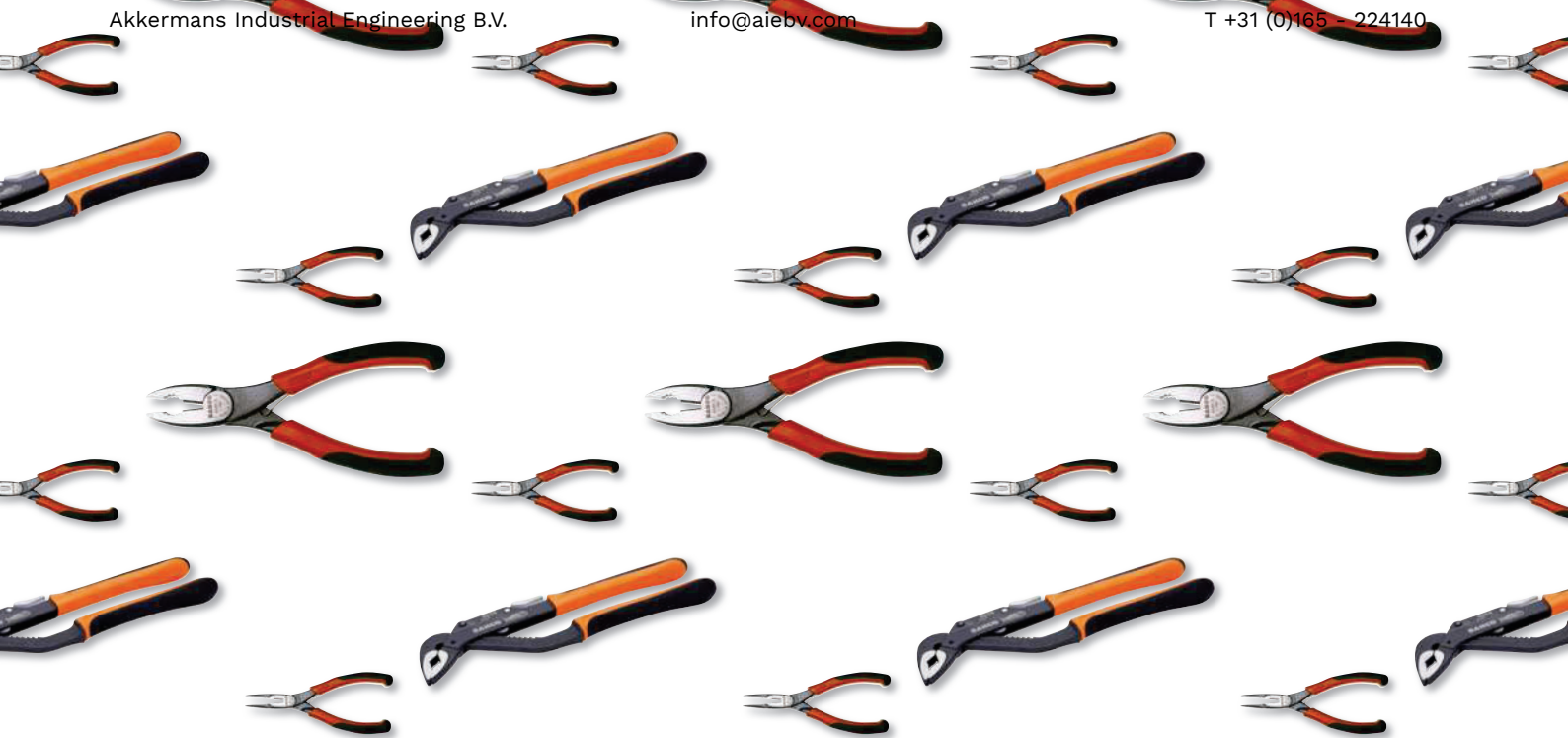
Tangen
(235-268)

BAHCO



AKKERMANS
INDUSTRIAL ENGINEERING





Pliers

CUTTING PLIERS

ERGO™ Side Cutting Pliers with Self Opening Dual-Component Handle and Phosphate Finish



ergo



2101G

					
3.5 mm	1.8 mm	1.6 mm	125 mm	5	2101G-125
3.7 mm	2.0 mm	1.8 mm	140 mm	5	2101G-140
3.8 mm	2.5 mm	2.0 mm	160 mm	5	2101G-160
4.0 mm	2.7 mm	2.3 mm	180 mm	5	2101G-180
3.5 mm	1.8 mm	1.6 mm	125 mm	5	2101G-125IP
3.7 mm	2.0 mm	1.8 mm	140 mm	5	2101G-140IP
3.8 mm	2.5 mm	2.0 mm	160 mm	5	2101G-160IP
4.0 mm	2.7 mm	2.3 mm	180 mm	5	2101G-180IP

ERGO™ Side Cutting Pliers with Dual-Component Handle and Phosphate Finish



ergo



2101G_D

					
3.5 mm	1.8 mm	1.6 mm	125 mm	5	2101G-125IPD
3.7 mm	2.0 mm	1.8 mm	140 mm	5	2101G-140IPD
3.8 mm	2.5 mm	2.0 mm	160 mm	5	2101G-160IPD
4.0 mm	2.7 mm	2.3 mm	180 mm	5	2101G-180IPD

ERGO™ Side Cutting Pliers with Self Opening Dual-Component Handle and Phosphate Finish for Plastic



ergo



2101PG

		
160 mm	5	2101PG-160

PLASTIC

ERGO™ Side Cutting Pliers with Self Opening Dual-Component Handle and Nickel-Chrome Finish



ergo



2101GC

					
3.5 mm	1.8 mm	1.6 mm	125 mm	5	2101GC-125IP
3.7 mm	2.0 mm	1.8 mm	140 mm	5	2101GC-140IP
3.8 mm	2.5 mm	2.0 mm	160 mm	5	2101GC-160IP
4.0 mm	2.7 mm	2.3 mm	180 mm	5	2101GC-180IP

Side Cutting Pliers with Mono Material Handles and Phosphate Finish



2101D

					
3.5 mm	1.8 mm	1.6 mm	125 mm	5	2101D-125
3.7 mm	2.0 mm	1.8 mm	140 mm	5	2101D-140
3.8 mm	2.5 mm	2.0 mm	160 mm	5	2101D-160
4.0 mm	2.7 mm	2.3 mm	180 mm	5	2101D-180
3.5 mm	1.8 mm	1.6 mm	125 mm	5	2101D-125IP
3.7 mm	2.0 mm	1.8 mm	140 mm	5	2101D-140IP
3.8 mm	2.5 mm	2.0 mm	160 mm	5	2101D-160IP
4.0 mm	2.7 mm	2.3 mm	180 mm	5	2101D-180IP

ERGO™ Heavy Duty Side Cutting Pliers with Self Opening Dual-Component Handle and Phosphate Finish



ergo



21HDG

				
2.3 mm	2.1 mm	140 mm	5	21HDG-140
2.7 mm	2.3 mm	160 mm	5	21HDG-160
3.3 mm	2.8 mm	180 mm	5	21HDG-180
3.3 mm	2.8 mm	200 mm	5	21HDG-200
2.3 mm	2.1 mm	140 mm	5	21HDG-140IP
2.7 mm	2.3 mm	160 mm	5	21HDG-160IP
3.3 mm	2.8 mm	180 mm	5	21HDG-180IP
3.3 mm	2.8 mm	200 mm	5	21HDG-200IP

ERGO™ 14° Side Cutting Pliers with Self Opening Dual-Component Handle and Phosphate Finish


21HDG-A

2.2 mm	2.0 mm	140 mm	5	21HDG-140A
2.5 mm	2.3 mm	160 mm	5	21HDG-160A
2.7 mm	2.5 mm	180 mm	5	21HDG-180A
3.2 mm	3.0 mm	200 mm	5	21HDG-200A

ERGO™ Heavy Duty Side Cutting Pliers with Self Opening Dual-Component Handle and Chrome Finish


21HDGC

2.2 mm	2.2 mm	140 mm	5	21HDGC-140IP
2.5 mm	2.5 mm	160 mm	5	21HDGC-160IP
2.8 mm	2.8 mm	180 mm	5	21HDGC-180IP
3.2 mm	3.0 mm	200 mm	5	21HDGC-200IP

Heavy Duty Side Cutting Pliers with Mono Material Handles and Phosphate Finish

21HDD

2.2 mm	2.2 mm	140 mm	5	21HDD-140
2.5 mm	2.5 mm	160 mm	5	21HDD-160
2.8 mm	2.8 mm	180 mm	5	21HDD-180
3.2 mm	3.0 mm	200 mm	5	21HDD-200
2.2 mm	2.2 mm	140 mm	5	21HDD-140IP
2.5 mm	2.5 mm	160 mm	5	21HDD-160IP
2.8 mm	2.8 mm	180 mm	5	21HDD-180IP
3.2 mm	3.0 mm	200 mm	5	21HDD-200IP

Power Cutters with Dual-Component Handle and Phosphate Finish

1520G

3.8 mm	210 mm	5	1520 G
3.8 mm	210 mm	5	1520 G IP

Power Cutters with PVC Coated Handles and Phosphate Finish

1520D

3.8 mm	205 mm	5	1520 D

ERGO™ Compact Side Cutting Pliers with Dual-Component Handle and Phosphate Finish


4130, 4131

0.3-1.5 mm	120 mm	3	4130
0.3-1.5 mm	120 mm	3	4131



Compact Tapered and Relieved Head Side Cutters with Orange PVC Handle



C3330R/C3340R

			
0,3-1,25 mm	115 mm	10	C3330R IP*
0,4-1,6 mm	130 mm	10	C3340R IP

Side Cutting Pliers with PVC Coated Handles and Phosphate Finish



2100PD

			
1.8 mm	3.0 mm	150 mm	5 2100PD-150

PLASTIC

Side Cutting Pliers with Dual-Component Handle and Polished Finish



2171G

				
2.5 mm	1.6 mm	1.5 mm	150 mm	5 2171G-140
2.5 mm	1.6 mm	1.5 mm	160 mm	5 2171G-160
2.5 mm	1.6 mm	1.5 mm	185 mm	5 2171G-180

Side Cutting Pliers with Cellulose Acetate Handles and Nickel-Chrome Finish For Steel Wire



2666NB-2676NB

			
2.7 mm	2.0 mm	160 mm	1 2674 NB

Side Cutting Pliers with Cellulose Acetate Handles and Nickel-Chrome Finish For Piano wire



2667B-2678B

				
3.7 mm	2.0 mm	2.0 mm	160 mm	1 2676 B
4.0 mm	2.5 mm	2.5 mm	200 mm	1 2678 B

Diagonal Cutters with Oval Head



2646M - 2649

			
0.1-0.8 mm	Flush	108 mm	1 2646 M
0.2-1.25 mm	Micro-bevel	110 mm	1 2646 R
0.2-1.25 mm	Micro-bevel	110 mm	1 2646 RK
0.1-1.0 mm	Flush	110 mm	1 2646 RA
0.3-1.6 mm	Micro-bevel	112.5 mm	1 2666
0.4-2.0 mm	Micro-bevel	125 mm	1 2649

Diagonal Cutters with Tapered Head

**2646 - 2648A**

0.2-1.25 mm	Micro-bevel	110 mm	1	2646
0.2-1.25 mm	Micro-bevel	110 mm	1	2646 K
0.1-1.0 mm	Ultra-flush	110 mm	1	2646 A
0.1-1.0 mm	Ultra-flush	110 mm	1	2646 AK
0.2-1.25 mm	Ultra-flush	112.5 mm	1	2666 FK
0.4-2.0 mm	Micro-bevel	125 mm	1	2648
0.3-1.6 mm	Ultra-flush	125 mm	1	2648 A

ERGO™ 20° Oblique Cutters



ergo®

**4231**

0.3-1.25 mm	119 mm	3	4231

ERGO™ 45° Oblique Cutters



ergo®

**4239**

0.3-1.0 mm	129 mm	3	4239

45° Oblique Cutters with PVC Coated Handles and Phosphate Finish

**2145PD**

3.0 mm	1.8 mm	154 mm	5	2145PD-150

PLASTIC

45° Oblique Cutters with Long Head

**2787F**

0.2-1.0 mm	Flush	117.5 mm	1	2787 F

45° Oblique Cutters with Relieved Long Head

**2787G**

0.2-0.8 mm	Flush	117.5 mm	1	2787 G



End Cutting Pliers with Bi-Material Handles and Chrome Finish

**527 GC**

			
2.0 mm	160 mm	3	527 GC-160
2.5 mm	200 mm	3	527 GC-200

High Leverage End Cutting/Fencing Pliers with Black Epoxy Finish

**2339**

			
2.2 mm	220 mm	3	2339-220
2.2 mm	220 mm	5	2339-220IP
2.5 mm	250 mm	5	2339-250IP
3.0 mm	280 mm	5	2339-280IP
4.5 mm	300 mm	6	2339-300IP

End Cutting Pliers with PVC Handles and Phosphate Finish

**527D**

			
2 mm	160 mm	5	527 D-160
2.5 mm	200 mm	5	527 D-200

Pincers with PVC Handles and Black Epoxy Finish

**541D**

			
2.0 mm	150 mm	5	541 D-150
2.0 mm	180 mm	5	541D-180
2.5 mm	200 mm	5	541 D-200
2.5 mm	225 mm	5	541D-225
2.5 mm	250 mm	5	541 D-250

High Leverage End Cutting/Fencing Pliers with PVC Coated Handles and Black Epoxy Finish

**2339D**

			
2.2 mm	220 mm	3	2339 D
2.2 mm	220 mm	5	2339 DIIP
4.5 mm	300 mm	5	2339D-300
4.5 mm	300 mm	6	2339D-300IP

High Leverage End Cutting/Fencing Pliers with Phosphate Finish

**1519D**

			
2.5 mm	230 mm	3	1519 D
		1	1519-9

Compact End Cutting Pliers with Orange PVC Handle

**C3230**

109 mm	10 C3230IP*

90° Side Cutting Pliers with PVC Coated Handles and Phosphate Finish

**2190PD**

1.8 mm	3.0 mm	143 mm	5 2190PD-150

End Cutters with Synthetic Handles and Mirror Finish

**2656/2656A**

0.35 - 0.8 mm	Micro	115 mm	1 2656

Cable Cutting/Stripping Pliers with PVC Coated Handles for Cu and Al Cables

**2233D**

10 mm	50/35 mm	160 mm	5 2233 D-160
13 mm	70/50 mm	200 mm	5 2233 D-200
16 mm	95/70 mm	240 mm	5 2233 D-240
10 mm	50/35 mm	160 mm	5 2233D-160IP
13 mm	70/50 mm	200 mm	5 2233D-200IP
16 mm	95/70 mm	240 mm	5 2233D-240IP

Cable Cutters with Epoxy Painted Handles for Cu and Al Cables 30 mm

**2520**

550 mm	1 2520

Cable Cutters with Epoxy Painted Handles for Cu and Al Cables 42 mm

**2620-80**

42 mm	800 mm 1 2620-80



Cable Cutters with Epoxy Painted Handles for Cu, Al and Steel Cables

**2720**

12 mm	600 mm 163 mm	1 2720 1 2720-SH	

Cable Cutters with Elastomer Handles for Solid Materials and Multi Wire Cables

**2235-160**

165 mm	1 2235-160	

Cable Cutters with PVC Coated Handles for Cu and Al Cables

**2804-2805**

16 mm 22 mm	34 mm 52 mm	250 mm 280 mm	1 2804 1 2805-280	

Cable Cutters with PVC Coated Handles for Multi Wire and Flexible Conductors

**2800N-2801N**

0-10 mm 0-15 mm	170 mm 230 mm	1 2800 N 1 2801 N	

Bolt Cutters with Comfort Grip Handles and Phosphate Finish

**4559**

6 mm	5 mm	4 mm	330 mm	1 4559-12	
8 mm	7 mm	6 mm	430 mm	8 4559-18	
10 mm	9 mm	8 mm	600 mm	6 4559-24	
13 mm	10 mm	9 mm	750 mm	5 4559-30	
15 mm	12 mm	11 mm	900 mm	3 4559-36	
15 mm	12 mm	11 mm	1060 mm	2 4559-42	

Spare Cutting Heads for 4559 Range Bolt Cutters

**4559 JC**

285 g 600 g 930 g 1260 g 2180 g 3025 g	1 4559-12A JC 1 4559-18B JC 1 4559-24B JC 1 4559-30B JC 1 4559-36B JC 1 4559-42A JC	

Diagonal Bolt Cutters with Phosphate Finish

**4560-210**

250 mm



1 4560-210

COMBINATION PLIERS

ERGO™ Combination Pliers with Self-Opening Dual-Component Handles and Phosphate Finish

**2628G**

1.8 mm	2.0 mm	160 mm	5	2628 G-160
2.0 mm	2.5 mm	180 mm	5	2628 G-180
2.5 mm	3.0 mm	200 mm	5	2628 G-200
1.8 mm	2.0 mm	160 mm	5	2628 G-160IP
2.0 mm	2.5 mm	180 mm	5	2628 G-180IP
2.5 mm	3.0 mm	200 mm	5	2628 G-200IP

ERGO™ Combination Pliers with Self-Opening Dual-Component Handles and Chrome Finish

**2628GC**

2.0 mm	1.8 mm	160 mm	5	2628 GC-160IP
2.5 mm	2.0 mm	180 mm	5	2628 GC-180IP
3.0 mm	2.5 mm	200 mm	5	2628 GC-200IP

ERGO™ Reinforced Combination Pliers with Self-Opening Dual-Component Handles and Chrome Finish

**2630GC**

1.8 mm	2.0 mm	160 mm	5	2630GC-160IP
2.0 mm	2.5 mm	180 mm	5	2630GC-180IP
2.5 mm	3.0 mm	200 mm	5	2630GC-200IP

ERGO™ Combi-Snipe Pliers with Self-Opening Dual-Component Handles and Phosphate Finish

**2629G**

160 mm	2.0 mm	1.8 mm	5	2629G-160
180 mm	3.0 mm	2.5 mm	5	2629G-180
200 mm	2.5 mm	2.0 mm	5	2629G-200
160 mm	2.5 mm	2.0 mm	5	2629G-160IP
180 mm	2.0 mm	1.8 mm	5	2629G-180IP
200 mm	3.0 mm	2.5 mm	5	2629G-200IP

Combination Pliers with Monomaterial Handles and Phosphate Finish

**2628D**

2.0 mm	1.8 mm	160 mm	5	2628 D-160
2.5 mm	2.0 mm	180 mm	5	2628 D-180
3.0 mm	2.5 mm	200 mm	5	2628 D-200



Reinforced Combination Pliers with Monomaterial Handles and Chrome Finish

**2630DC**

2.0 mm	1.8 mm	160 mm	5	2630DC-160IP
2.5 mm	2.0 mm	180 mm	5	2630DC-180IP
3.0 mm	2.5 mm	200 mm	5	2630DC-200IP

Universal Combination Pliers with PVC Coated Handles

**2640D**

3.0 mm	2.7 mm	2.5 mm	160 mm	10	2640D-160
3.0 mm	2.7 mm	2.5 mm	180 mm	5	2640D-180
3.5 mm	3.0 mm	2.5 mm	200 mm	5	2640D-200

High Leverage Universal Combination Pliers with PVC Coated Handles

**2688D**

2.5 mm	3.0 mm	3.5 mm	250 mm	3	2688D-250

Combination Pliers with Dual-Component Handles

**2678G**

1.7 mm	1.3 mm	160 mm	5	2678 G-160
2.0 mm	1.4 mm	180 mm	5	2678 G-180
2.5 mm	1.5 mm	205 mm	5	2678 G-200

2 Position Combination Pliers with Lacquered Finish

**2970 G-200**

200 mm	5	2970G-200

GRIPPING PLIERS

ERGO™ Long Snipe Nose Pliers with Self-Opening Dual-Component Handles and Phosphate Finish



ergo®

**2430G**

2.5 mm	1.8 mm	1.4 mm	140 mm	5	2430 G-140
3.0 mm	1.8 mm	1.6 mm	160 mm	5	2430 G-160
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2430 G-200
2.5 mm	1.8 mm	1.4 mm	140 mm	5	2430 G-140 IP
3.0 mm	1.8 mm	1.6 mm	160 mm	5	2430 G-160 IP
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2430 G-200 IP

ERGO™ Long Snipe Nose Pliers with Self-Opening Dual-Component Handles and Chrome Finish


2430GC

2.5 mm	1.8 mm	1.4 mm	140 mm	5	2430 GC-140 IP
3.0 mm	1.8 mm	1.6 mm	160 mm	5	2430 GC-160 IP
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2430 GC-200 IP

Long Snipe Nose Pliers with Monomaterial Handles and Phosphate Finish

2430D

2.5 mm	1.8 mm	1.4 mm	140 mm	5	2430 D-140
3.0 mm	1.8 mm	1.6 mm	160 mm	5	2430 D-160
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2430 D-200
2.5 mm	1.8 mm	1.4 mm	140 mm	5	2430 D-140 IP
3.0 mm	1.8 mm	1.6 mm	160 mm	5	2430 D-160 IP
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2430 D-200 IP

ERGO™ Long Snipe Nose Pliers without Cutting Edge, with Self-Opening Dual-Component Handles and Phosphate Finish


2431G

125 mm	5	2431G-125
140 mm	5	2431G-140
160 mm	5	2431G-160
180 mm	5	2431G-180
125 mm	5	2431G-125IP
140 mm	5	2431G-140IP
160 mm	5	2431G-160IP
180 mm	5	2431G-180IP

ERGO™ Compact Snipe Nose Pliers with Dual-Component Handles and Phosphate Finish


4830, 4831

135 mm	3	4830
135 mm	3	4831

Compact Snipe Nose Pliers with Orange PVC Handle

C3830/C3840

121 mm	10	C3830
121 mm	10	C3830IP
144 mm	10	C3840*
144 mm	10	C3840IP

Compact Snipe Needle Nose Pliers with Orange PVC Handle

C3630/C3640

130 mm	10	C3630
130 mm	10	C3630IP
145 mm	10	C3640
145 mm	10	C3640IP



Snipe Nose Pliers with Synthetic Handles and Mirror Polish Finish

**2656S**

3.0 mm	1.8 mm	1.6 mm	160 mm	5	2427 G-160
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2427 G-200
3.0 mm	1.8 mm	1.6 mm	160 mm	5	2427 G-160 IP
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2427 G-200 IP

Snipe Nose Pliers with Dual-Component Handles and Lacquered Finish

**2470G**

3.0 mm	1.5 mm	1.0 mm	165 mm	5	2470 G-160
3.0 mm	1.5 mm	1.0 mm	210 mm	5	2470 G-200

Extra Long Snipe Nose Pliers with PVC Coated Handles and Fine Polish Finish

**158-N**

3.0 mm	1.8 mm	1.6 mm	160 mm	5	2427 D-160
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2427 D-200

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ERGO™ 45° Bent Tip Snipe Nose Pliers with Self-Opening Dual-Component Handles and Phosphate Finish

**ergo®****2427G**

3.0 mm	1.8 mm	1.6 mm	160 mm	5	2427 G-160
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2427 G-200
3.0 mm	1.8 mm	1.6 mm	160 mm	5	2427 G-160 IP
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2427 G-200 IP

ERGO™ 45° Bent Tip Snipe Nose Pliers with Self-Opening Dual-Component Handles and Chrome Finish

**ergo®****2427GC**

3.0 mm	1.8 mm	1.6 mm	160 mm	5	2427 GC-160IP
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2427 GC-200IP

45° Bent Tip Snipe Nose Pliers with Monomaterial Handles and Phosphate Finish

**2427D**

3.0 mm	1.8 mm	1.6 mm	160 mm	5	2427 D-160
3.0 mm	1.8 mm	1.6 mm	200 mm	5	2427 D-200

ERGO™ 60° Bent Tip Snipe Nose Pliers with Dual-Component Handles and Phosphate Finish



ergo



4833



130 mm



3 4833

60° Bent Tip Snipe Nose Pliers with Synthetic Handles and Mirror Polished Finish



2656R



129 mm



1 2656 R

Compact Needle Snipe Nose Pliers with 45° Bent Tip and Orange PVC Handle



C3745



141 mm

141 mm



10 C3745
10 C3745IP

45° Bent Tip Snipe Nose Pliers with Dual-Component Handles and Lacquered Finish



2477G-200

Cu	Fe+	Piano	L	
3.0 mm	1.5 mm	1 mm	165 mm	5 2477G-160
3.0 mm	1.5 mm	1 mm	210 mm	5 2477 G-200

Compact 90° Bent Tip Snipe Nose Pliers with Orange PVC Handle



C3790



125 mm

125 mm



10 C3790
10 C3790IP

35° Bent Tip Extra Long Snipe Nose Pliers with PVC Coated Handles and Fine Polished Finish



158-NB



270 mm



12 158-NB



ERGO™ Short Flat Nose Pliers with Self-Opening Dual-Component Handles and Phosphate Finish


2420G

125 mm
125 mm

5 2420 G-125
5 2420G-125IP

ERGO™ Long Flat Nose Pliers with Self-Opening Dual-Component Handles and Phosphate Finish


2421G

140 mm
160 mm
180 mm
140 mm
160 mm
180 mm

5 2421 G-140
5 2421 G-160
5 2421 G-180
5 2421 G-140IP
5 2421 G-160 IP
5 2421 G-180 IP

ERGO™ Long Flat Nose Pliers with Self-Opening Dual-Component Handles and Chrome Finish


2421GC

140 mm
160 mm
180 mm

5 2421GC-140IP
5 2421GC-160IP
5 2421GC-180IP

Long Flat Nose Pliers with Monomaterial Handles and Phosphate Finish

2421D

140 mm
160 mm
180 mm

5 2421 D-140IP
5 2421 D-160IP
5 2421 D-180IP

ERGO™ Connector Pliers with Self-Opening Dual-Component Handles and Phosphate Finish


7835G


3.0 mm

1.8 mm

1.6 mm

160 mm

5 7835 G-160

ERGO™ Flat Nose Pliers with Dual-Component Handles and Phosphate Finish


4430


135 mm

3 4430

Compact Flat Nose Pliers with Orange PVC Handle



C3430



129 mm
129 mm



10 C3430
10 C3430IP

Flat Nose Pliers with Synthetic Handles and Mirror Polish Finish



2646MF



120 mm



1 2646 MF

Long Flat Nose Pliers with Dual-Component Handles and Lacquered Finish



2471G



180 mm
165 mm



5 2471 G-180
5 2471 G-160

Flat Nose Nut Pliers with PVC Coated Handles and Phosphate Finish



2979D



180 mm



5 2979 D-180

ERGO™ Round Nose Pliers with Self-Opening Dual-Component Handles and Phosphate Finish



2521G



140 mm
160 mm
140 mm
160 mm



5 2521 G-140
5 2521G-160
5 2521G-140IP
5 2521 G-160 IP

Round Nose Pliers with Monomaterial Handles and Phosphate Finish



2521D



140 mm
160 mm



5 2521D-140IP
5 2521D-160IP



ERGO™ Compact Round Nose Pliers with Dual-Component Handles and Phosphate Finish



ergo



4530



135 mm



3 4530

Compact Round Nose Pliers with Orange PVC Handle



C3530



127 mm

127 mm



10 C3530
10 C3530IP

Chain Nose Pliers with Synthetic Handle



2646MS



120 mm



1 2646 MS



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WATERPUMP PLIERS

ERGO™ Slip Joint Water Pump Pliers with Dual-Component Handles and Phosphate Finish



ergo



8223 - 8226



210 mm

250 mm

315 mm

400 mm

210 mm

250 mm

315 mm



4 8223
4 8224
4 8225
1 8226
4 8223 IP
4 8224 IP
4 8225 IP



ERGO™ Slip Joint Water Pump Pliers with Dual-Component Handles and Chrome Finish



ergo



8224/8225C



250 mm

315 mm



4 8224CIP
4 8225CIP



ERGO™ Extra Wide Jaw Slip Joint Water Pump Pliers with Dual-Component Handles and Phosphate finish



ergo



8231



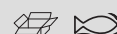
51 mm

51 mm



225 mm

225 mm



4 8231
4 8231 IP



Quick Adjust Slip Joint Water Pump Pliers with Phosphate Finish

**7223-7225**

			
45 mm	200 mm	4	7223
63 mm	250 mm	4	7224
70 mm	300 mm	8	7225
45 mm	200 mm	8	7223IP
63 mm	250 mm	4	7224IP
70 mm	300 mm	4	7225IP

Quick-Adjust Water Pump Pliers with PVC Handle

**7223D_7225D**

			
16	200 mm	8	7223D*
25	300 mm	4	7225D*
16	200 mm	8	7223D IP*
25	300 mm	4	7225D IP*

Box Joint Water Pump Pliers with Dual-Component Handle

**6224**

			
11	250 mm	4	6224

Box Joint Water Pump Pliers with PVC Handle

**6221D-6225D**

			
6	125 mm	10	6221D
8	150 mm	10	6222D
10	200 mm	8	6223D
11	250 mm	5	6224D
13	300 mm	10	6225D
6	125 mm	10	6221D IP
8	150 mm	10	6222D IP
10	200 mm	8	6223D IP
11	250 mm	5	6224D IP
13	300 mm	5	6225D IP

Box Joint Water Pump Pliers with Dual-Component Handles and Phosphate Finish

**2971G**

			
35 mm	250 mm	5	2971G-250

Screw Joint Water Pump Pliers with PVC Coated Handles and Phosphate Finish

**221 D - 225 D**

		
117 mm	5	221 D
150 mm	5	222 D
192 mm	5	223 D
240 mm	5	224 D
305 mm	5	225 D



Screw Joint Water Pump Pliers with PVC Coated Handles and Chrome Finish



5223 - 5226 DC

105 mm	400 mm	1 5226 DC*

Connector Pliers with PVC Coated Handles and Chrome Finish



2650

65 mm	235 mm	1 2650
	235 mm	1 2650 B

Box Joint Water Pump Pliers Set - 3 Pcs



622-3P

110 x 50 x 390 mm	3	1260 g	1 622-3P

6223D, 6224D, 6225D

Water Pump Pliers Set - 3 Pcs



7224-622XD-3P

75 x 50 x 260 mm	3	813 g	1 7224-622XD-3P

6221D, 6224D

7224

CIRCLIP PLIERS

Internal Circlip Pliers with Straight Jaws and Phosphate Finish



2800

8-13 mm	0.8 mm	140 mm	3 2800-140
12-25 mm	1.2 mm	150 mm	3 2800-150
19-60 mm	1.7 mm	180 mm	3 2800-180
40-100 mm	2.2 mm	225 mm	3 2800-225
85-165 mm	3.1 mm	310 mm	1 2800-300

Internal Circlip Pliers with 90° Offset Jaws and Phosphate Finish



2890

8-15 mm	0.8 mm	127 mm	3 2890-125
12-25 mm	1.2 mm	127 mm	3 2890-140

				
19-60 mm	1.7 mm	180 mm	3	2890-180
40-100 mm	2.2 mm	210 mm	3	2890-210
85-165 mm	3.1 mm	300 mm	1	2890-300

Internal Circlip Pliers with Straight Jaws and Chrome Finish

**2461**

				
8-25 mm	1.0-2.0 mm	140 mm	1	2461 C8
19-60 mm	2.0-2.5 mm	180 mm	1	2461 C19
40-100 mm	2.5-3.5 mm	255 mm	1	2461 C40

Internal Circlip Pliers with 90° Offset Jaws and Chrome Finish

**2463**

				
8-25 mm	1.0-2.0 mm	130 mm	1	2463 D8
19-60 mm	2.0-2.5 mm	170 mm	1	2463 D19
40-100 mm	2.5-3.5 mm	210 mm	1	2463 D40

External Circlip Pliers with Straight Jaws and Phosphate Finish

**2900**

				
3-10 mm	0.8 mm	140 mm	3	2900-140
10-25 mm	1.2 mm	150 mm	3	2900-150

				
19-60 mm	1.7 mm	180 mm	3	2900-180
40-100 mm	2.2 mm	215 mm	3	2900-215
85-165 mm	3.1 mm	300 mm	1	2900-300

External Circlip Pliers with 90° Offset Jaws and Phosphate Finish

**2990**

				
3-10 mm	0.8 mm	12 mm	3	2990-125
10-25 mm	1.2 mm	127 mm	3	2990-140
19-60 mm	1.7 mm	180 mm	3	2990-180
40-100 mm	2.2 mm	200 mm	3	2990-200
85-165 mm	3.1 mm	300 mm	1	2990-300

External Circlip Pliers with Straight Jaws and Chrome Finish

**2464**

				
3-10 mm	1.0-1.5 mm	120 mm	1	2464 A3
10-25 mm	1.5-2.0 mm	120 mm	1	2464 A10
19-60 mm	2.0-2.5 mm	180 mm	1	2464 A19
40-100 mm	2.5-3.0 mm	210 mm	1	2464 A40



External Circlip Pliers with 90° Offset Jaws and Chrome Finish

**2466**

3-10 mm	1.0-1.5 mm	130 mm	1	2466 B3
10-25 mm	1.5-2.0 mm	130 mm	1	2466 B10
19-60 mm	2.0-2.5 mm	165 mm	1	2466 B19
40-100 mm	2.5-3.0 mm	190 mm	1	2466 B40

Internal and External Circlips Resettable Pliers

**2928**

7-26 mm	3-26 mm	160 mm	1	2928-160
10-51 mm	7-51 mm	200 mm	1	2928-200
46-102 mm	38-102 mm	250 mm	1	2928-250

Spare Tips for 2928 Series Resettable Circlips Pliers

**2928-1 - 4**

2928-160	1	2928-1
2928-200	1	2928-2
2928-250	1	2928-3
2928-250	1	2928-4

External Horseshoe Circlip Pliers with Chrome Finish

**2460**

175 mm	1	2460

External Horseshoe Circlip Pliers with Nickel-Chrome Finish and PVC Coated Handles

**2465D**

200 mm	1	2465D-200

Internal and External Circlip Pliers Set - 4 Pcs

**28-29/S4**

740 g	1	28-29/S4

2900-180**2800-180****2990-180****2890-180**

Resettable Circlip Pliers Set - 3 Pcs

**9938**

1640 g



1 9938

2928-160, 2928-200, 2928-250

**WIRE STRIPPERS & DISMANTLING TOOLS**

ERGO™ Wire Stripping Pliers with Self-Opening Dual-Component Handles and Phosphate Finish

**2223G**

0.5-5 mm



165 mm



5 2223 G-150

Wire Stripping Pliers with Monomaterial Handles and Phosphate Finish

**2223D**

0.5-5 mm



165 mm



5 2223 D-150

Automatic Wire Stripping Pliers

**3416 B**

0,02-10 mm²



34-8 AWG



10 3416 B

Automatic Wire Stripping Pliers

**3416 A**

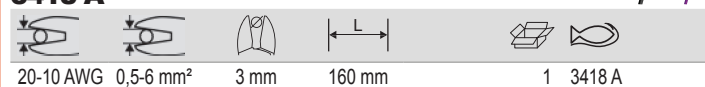
0,2-6 mm²



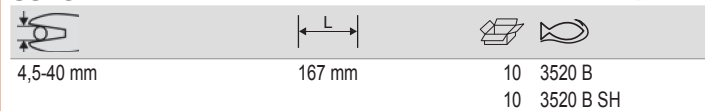
24-10 AWG

6 3416 A
1 3416 A SH

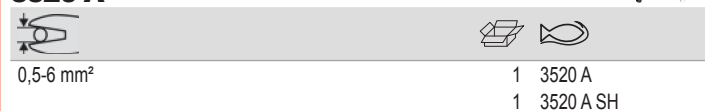
Automatic Wire Stripping Pliers with Built in Side Cutter and Integrated Scale

**3418 A**

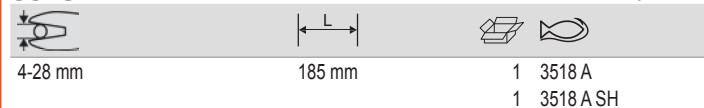
Rotating dismantling tool

**3520 B**

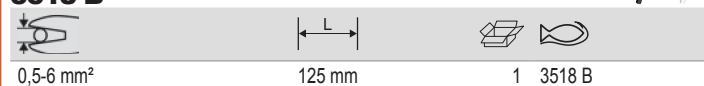
Rotating dismantling tool

**3520 A**

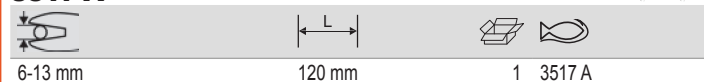
Rotating dismantling tool. 3518ASH spare blade

**3518 A**

Universal dismantling tool with hidden knife

**3518 B**

Wire Stripping Pliers with Anti-Slip Handle

**3517 A**

Stripping Tool for PVC Data Cables

**3717 A**

115 mm	4.5-10 mm mm	28 g	1	3717 A

Wire Stripping Tools for Coaxial Cables

**3417 A**

4.8-7.5 mm	110 mm	12	3417 A

Precision stripping pliers for data cables

**3619 A**

2,5-11 mm	91 mm	10	3619 A
		10	3619 A SH



Precision Stripping Tool

**3719 A**

0,12-0,8 mm mm	36-20 AWG	112 mm	12	3719 A

Insertion Tool for LSA Blocks

**3718 A**

185 mm	0,7-2,6 mm	60 g	12	3718 A

Self-Adjusting Automatic Wire Stripping Pliers with Built in Wire Cutter

**3419 B**

0.25-6.00 mm		1	3419 B
		1	3419 B SH



CRIMPING PLIERS

Crimping/Cutting/Stripping Pliers with Yellow Handle



CR B 01

	AWG			
0.50-6.00 mm ²	20-10	220 mm	60	CR B 01

Crimping/Cutting/Stripping Pliers with Red Handle



CR B 02

	AWG			
1.50-6.00 mm ²	14-10	220 mm	60	CR B 02

Crimping/Cutting/Stripping Pliers with Green Handle



CR B 03

	AWG			
1.50-6.00 mm ²	14-10	220 mm	60	CR B 03

Crimping Pliers for Round Pattern Cable Connections 0.5-2.5 mm²



CR B 05

	AWG			
0.5-2.5 mm ²	20-14	140 mm	2	CR B 05

Crimping Pliers for Round Pattern Cable Connections 0.5-16 mm²



CR B 06

	AWG			
0.5-16 mm ²	20-6	220 mm	2	CR B 06

Ratcheting Crimping Pliers for Insulated Connectors - Oval Profile



CR OV 01

	AWG			
0.5-6.0 mm ²	20-10	256 mm	1	CR OV 01

Ratcheting Crimping Pliers for Insulated Connectors

**CR W 01**

	AWG			
0.5-6.0 mm ²	20-10	225 mm	1	CR W 01

Ratcheting Crimping Pliers for High Quality Crimping Connections

**CR W 04**

RG 58-59-62 mm ²	225 mm	1	CR W 04

Ratcheting Crimping Pliers for Non-insulated Connectors

**CR W 02**

	AWG			
0.5-10 mm ²	20-8	225 mm	1	CR W 02

Ratcheting Crimping Pliers for Tubular Connectors 0.5 AWG-4.0 AWG

**CR W 05**

AWG			
0.5-4.0	225 mm	1	CR W 05

Ratcheting Crimping Pliers for Open Plug Type Connectors

**CR W 03**

	AWG			
0.5-6.0 mm ²	20-10	225 mm	1	CR W 03

Ratcheting Crimping Pliers for Tubular Connectors 6 AWG-16 AWG

**CR W 06**

AWG			
6-16	225 mm	1	CR W 06



Self-Adjusting Crimping Pliers - Square Profile

**CR SA S01**

	AWG			
0.14-10 mm ²	26-8	176 mm	1	CR SA S01

Self-Adjusting Crimping Pliers - Hexagonal Profile

**CR SA H01**

	AWG			
0.14-10 mm ²	26-8	176 mm	1	CR SA H01
0.14-16 mm ²	26-6	176 mm	1	CR SA H16

Self-Adjusting Crimping Pliers - Trapezoidal Profile

**CR SA T01**

	AWG			
0.14-10 mm ²	26-8	180 mm	1	CR SA T01

Heavy Duty Crimping Pliers for Non-insulated Connectors 600 mm

**CR L 01**

				
10-120 mm ²	10-95 mm ²	600 mm	1	CR L 01

Heavy Duty Crimping Pliers for Non-insulated Connectors 360 mm

**CR L 02**

			
6-50 mm ²	360 mm	1	CR L 02

Heavy Duty Crimping Pliers for Non-insulated Connectors 650 mm

**CR L 03**

			
25-150 mm ²	650 mm	1	CR L 03

PLIERS SETS

ERGO™ Fine Mechanical Cutters and Pliers Set - 8 Pcs



ergo®



9733



30 x 215 x 215 mm



8



1 9733

4130, 4131



4239



4830



4530



4231



4430



4833



Compact Cutters and Pliers Set C3330R, C3840 and C3745 - 3 Pcs



C3902/3



3



1 C3902/3

C3330R



C3840



C3745



Compact Pliers and Screwdrivers Set - 8 pcs



C3903/2-6



8



1 C3903/2-6

C3330R



C3840



700-1.5-50, 700-2-50, 700-2.5-50, 700-3-50



701-0-50, 701-1-75



ERGO™ Plumber's Set with 9031 Adjustable Wrench - 2 Pcs



ergo®



9031-8224



2



693 g



3 9031-8224

9031



8224



ERGO™ Plumber's Set with 9072P Adjustable Wrench - 2 Pcs



ergo®



9873



25 x 190 x 280 mm



2



1 9873

9072 P



8224



All Round Tool Set - 3 Pcs



ergo®

**9853**

25 x 252 x 292 mm



3



1 9853

9071

2101G-160

8224



ERGO™ All Round Pliers Tool Set - 4 Pcs



ergo®

**9897**

4



1030 g



1 9897

8224

2628 G-180

2101G-160

2430 G-160

**BAHCO®**

ERGO™ All-Round Pliers Tool Set - 3 pcs



ergo®

**9897G/3**

3



50 x 180 x 400 mm



788 g



1 9897G/3

2628 G-180

2101G-160

2430 G-200

LOCKING PLIERS

Grip Locking Pliers with Curved Jaws

**2951**

1.2 mm

2 mm

3 mm

4 mm



140 mm

190 mm

235 mm

300 mm



1 2951-140

1 2951-180

1 2951-250

1 2951-300

Self Grip Locking Pliers with Curved Jaws

**2953**

140 mm

190 mm

235 mm

300 mm



1 2953-140

1 2953-200

1 2953-250

1 2953-300

Grip Locking Pliers with Straight Jaws

**2958**

135 mm
190 mm
235 mm

1 2958-140
1 2958-200
1 2958-250

Grip Locking Pliers with Long and Slim Jaws

**2952**

155 mm
230 mm

1 2952-165
1 2952-235

Grip Locking Pliers with Flat Jaws and Longitudinal Section

**2968**

205 mm
235 mm

1 2968-190
1 2968-235

Special Grips for Sheet Metals with Nickel Finish

**2967**

180 mm

1 2967-180

Grip and Welding Pliers with Multipurpose Jaws

**2957**

250 mm

1 2957-250

Grip Locking Pliers with Parallel Jaws

**2955**

235 mm

1 2955-250



Locking Chain Clamps with Nickel Finish

**2999**230 mm
500 mm1 2999-250
1 2999-SHN

Grip Locking Clamps with C-Clamp

**2963**283 mm
458 mm
580 mm1 2963-280
1 2963-450
1 2963-630

Chain Pipe Cutters with Chrome Finish

**2998**240 mm
330 mm1 2998-250
1 2998-SHN

Self Adjusting Grip Locking Clamps with Parallel C-Clamp

**2964**175 mm
280 mm
436 mm
625 mm1 2964-160
1 2964-280
1 2964-450
1 2964-600

Table Locking Clamp

**2960**

280 mm



1 2960-280

Self Adjusting Parallel Grip Pliers with Swivel Pads

**2950**

235 mm



1 2950-250

Steel Clamp, Swivel Pads, Slim


2956


282 mm



1 2956-290

Stepped C Clamps


2962


290 mm

290 mm

290 mm



1 2962-8-150

1 2962-8-230

1 2962-8-300

Special Grip and Locking U-Clamps


2965


228 mm

290 mm



1 2965-200

1 2965-280

Special Grips for Tubes and Pipes


2966


290 mm



1 2966-280

Locking Pliers Spare Parts


2951-S


43 mm

46 mm

62 mm

87 mm



15 g

25 g

50 g

70 g



1 2951-S05

1 2951-S07

1 2951-S10

1 2951-S12

Universal Grip Pliers with 4 Positions Long Jaws


2997


255 mm



5 2997-300



Universal Grip Pliers with 4 Positions Short Jaws



2997-250



235 mm



1 2997-250

Automatic Hand Vices with Phosphate Finish



2949



193 mm

196 mm

240 mm

240 mm



1 2949-190IP

1 2949-200IP

1 2949-240IP

1 2949-250IP

Hand Vices Spare Bolt



2949-L



2949-190IP

75 mm

1 2949-L075

2949-200IP, 2949-240IP

120 mm

1 2949-L120

2949-250IP

200 mm

1 2949-L200

RIVETING TOOLS

Hand Riveters with 360° Swivel Head



2681



285 mm



12 2681

Hand Riveters with Exchangeable Heads



1467-250



255 mm



1 1467-250

Notching pliers.

**2690**

200 mm



10 2690

Long Arm Riveters with Transparent Tube Collects

**1467-520**

530 mm



1 1467-520

Extensible Riveters for Cu/Al and Stainless Steel

**1467-320-850**

850 mm



1 1467-320-850

Spare Parts for 1467 Series Riveter

**1467**

10 g

10 g



1 1467-LJ

1 1467-SJ

Spare Part Set for 2681 Series Riveter - 4 Pcs

**2681-1**

15 g



1 2681-1

SPECIAL PLIERS

Automatic Wire Tie Tensioning Tools for Electric Nylon Ties

**790450A**

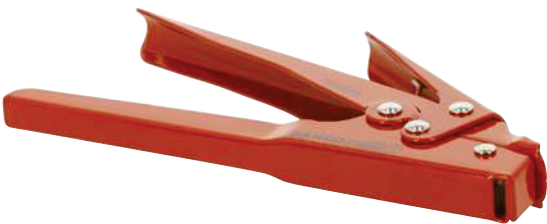
<2.2x5 mm



1 790450A



Wire Tie Tensioning Tools for Electric Nylon Ties



790455A

<9.5x2.3 mm	1 790455A

Wire Twisting Pliers with Phosphate Finish



2855

236 mm	1 2855
287 mm	1 2855 D

Wire Twisting Pliers, One-hand Operation



2856

203 mm	1 2856-8*
268 mm	1 2856-10*



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