



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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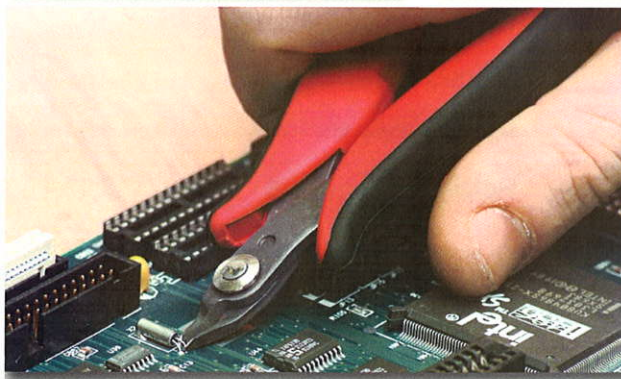
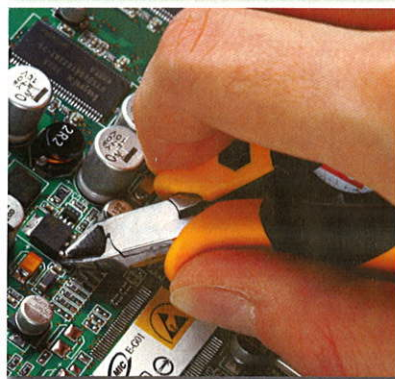
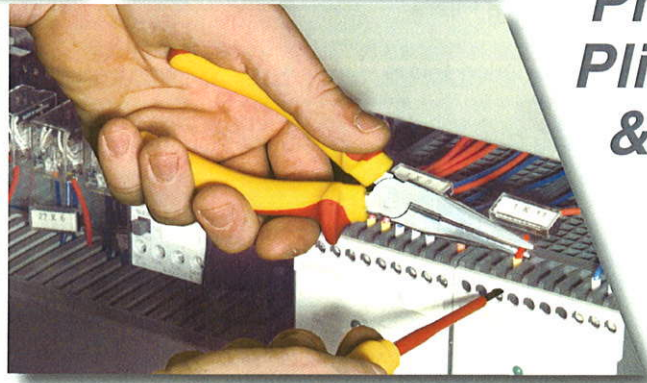
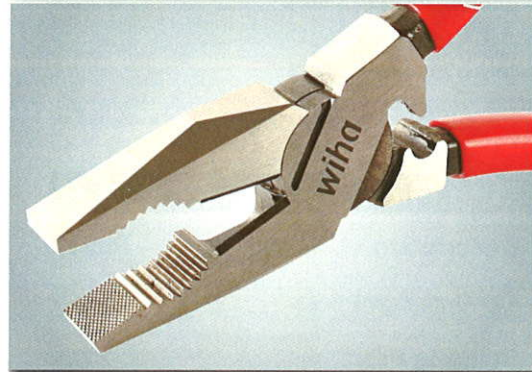




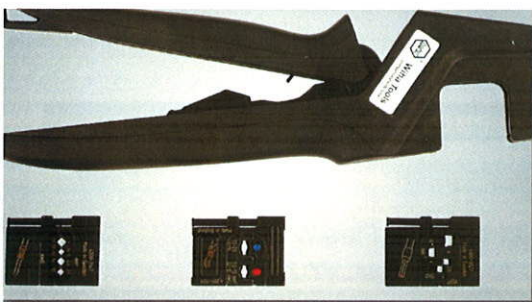
# wiha

Premium Tools












## Professional Pliers/Cutters & Crimpers




*Innovations that work*











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**Wiha Insulated Pliers & Cutters**

**Insulation Standards:**

EN/IEC 60900, ASTM F-1505-01, VDE 0682/part 201, NFPA70E and CSA

Chrome finish for long lasting corrosion protection



Cutters additionally induction hardened

 **1000V**

Safety slip guard

Soft grip ergonomically designed handle body

Tools Meet 10,000 Volt Test Standards Certified to 1000 Volt ac or 1500 Volt dc


**Insulated Lineman's Pliers With Crimpers**


 1000volt

5-in-1 Lineman's Pliers



With lower crimping jaw

**32821 Insulated Lineman's Pliers "5-in-1" Professional Design Insulation According to EN/IEC, ASTM, NFPA70E & CSA,  up to 1000 Volt. Individually Tested.** Deep cut radius conduit jaws for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Made from premium CV tool steel forgings.

Item No.		↔	↔	Cutting Capacity Copper AWG	
		mm	Inch		
32821	Z01122006	225	9.0	#4	1 .88


**Insulated Combination Lineman's Pliers**

Serrated jaws

 1000volt



**328 Combination Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.** DIN ISO 5746 Extra long cutting edge for flat & round cables. Cutting edges additionally induction hardened to approx. 60HRC. Special CV tool steel forgings, Chrome finish. Use for gripping and holding as well as cutting soft and hard wires and cables.

Item No.		↔	↔	Cutting Capacity Copper AWG	
		mm	Inch		
32814	Z01016006	160	6.3	#10	1 .53
32816	Z01018006	180	7.0	#9	1 .58
32818	Z01020006	200	8.0	#8	1 .72

**Insulated High Leverage Combination Pliers**

 1000volt



Lineman's

**32820 High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.** DIN ISO 5746 Extra long cutting edge for flat and round cables. Cutting edges additionally induction hardened to approx. 64HRC. C 60 Special tool steel. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Two component soft grip ergonomic handles.


Item No.		↔	↔	Cutting Capacity Copper AWG	
		mm	Inch		
32820	Z02022506	225	9.0	#4	1 .86

**Insulated Crimping Pliers**




**NEW**  
From Wiha



**32841 Insulated Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.**


Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. CV 60 special tool steel hardened & tempered.

Item No.		↔	↔	mm <sup>2</sup>	AWG	
		mm	Inch			
32841		180	7.0	0.25-2.5	6-30	1 .57

**Insulated Electrician's Diagonal Cutters**



 1000volt

**32861** Diagonal Cutters W/Stripping Holes. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.

Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60HRC), chrome-nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Holes in the cutting edge for stripping copper wire of Ø 1.5 and 2.5. Strips AWG sizes #10 & #14.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
32861 Z14016006	160	6.3	#6	1	.55

**Insulated Diagonal Cutters**



 1000volt

**328** Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. DIN ISO 5749 Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 60HRC. Special tool steel hardened and tempered. For soft & medium hard wire. 32832 & 32834 for soft, hard & piano wire.


Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
32830 Z12014006	140	5.5	#6	1	.47
32832 Z12016006	160	6.3	#6	1	.49
32834 Z12018006	180	7.0	#6	1	.62

**Insulated High Leverage Diagonal Cutters**



 1000volt

New dynamic joint provides 40% easier cuts and significantly longer tool life

**328** High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. DIN ISO 5749


Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C 60 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
32835 Z16016006	160	6.3	#6	1	.64
32836 Z16018006	180	7.0	#5	1	.67
32838 Z16020006	200	8.0	#4	1	.80

**Insulated Serrated Edge Cable Cutters**



 1000volt


**328** Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 62HRC. Special tool steel, hardened & tempered. For cutting of copper & aluminum cables without crushing.

Item No.	mm	Inch	Ø	mm <sup>2</sup>	Pkg.	lbs.
32826 Z50023006	160	6.3	16	50	1	.42
32828 Z50017006	200	8.0	20	60	1	.67

**Insulated Stripping Pliers**

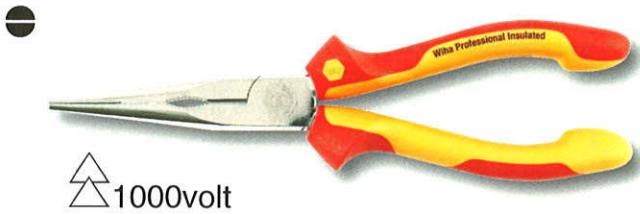



 1000volt

**32860** Stripping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Heavy duty forged with induction hardened cutting edges for even stripping of insulation. Drop-forged from special tool steel, chrome & nickel plated, mirror-polished. Ergo comfort grip with slip guard. Spring & adjusting screw, for stripping up to Ø 5mm/#4 Awg.

Item No.	mm	Inch	Stripping Capacity Copper AWG	Pkg.	lbs.
32860 Z55016006	160	6.3	#4 - #28	1	.50

**Insulated Long Nose Pliers**




**328 Long Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 Volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60HRC), chrome-nickel plated, mirror-polished, ergonomic comfort grip with slip guard, half-round jaws, serrated gripping surface.

Item No.		↔		Cutting Capacity Copper AWG	📦	
		mm	Inch		Pkg.	lbs.
32806	Z05016006	160	6.3	#10	1	.32
32808	Z05020006	200	8.0	#8	1	.42

**Insulated Bent Nose Pliers**




**328 Bent Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60HRC), chrome-nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Half-round jaws, serrated gripping surface, nose bent 40°.

Item No.		↔		Cutting Capacity Copper AWG	📦	
		mm	Inch		Pkg.	lbs.
32804	Z05120006	200	8.0	#8	1	.43
32807	Z05116006	160	6.3	#10	1	.32

**Round Nose Pliers**




**32870 Round Nose Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Drop-forged from special tool steel, individually induction hardened, chrome and nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Serrated jaws.

Item No.		↔		📦	
		mm	Inch	Pkg.	lbs.
32870	Z09016006	160	6.3	1	.34

**Insulated Long Flat Nose Pliers**



**32810 Long Flat Nose Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. DIN ISO 5745 Extra long head. Serrated Jaws are induction hardened. Special CV tool steel forgings, Chrome finish. Two component Soft Grip handles. Use for Gripping and right-angle bending of wires and sheet metal parts.

Item No.		↔		📦	
		mm	Inch	Pkg.	lbs.
32810	Z07016006	160	6.3	1	.39

**WARNING!**  
Insulated Tools are intended to provide protection against accidental contact with charged energized circuits. For maximum safety we recommend de-energizing all circuits whenever possible before starting work on electrical apparatus or conductors. Always visually inspect insulation on tools before use, do not use tools if insulation shows signs of wear or damage to the insulated areas of the tool. Wear appropriate eye protection when using hand tools. Use NFPA70E certified insulated protective outer wear when appropriate.

**Use & Care Guide For Insulated Tools:**

Store tools to minimize risk of damage to insulation, always wear approved eye protection, inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician visually inspect insulation on tools annually for safe use.

**Insulated Stripping Pliers**

**NEW**  
From Wiha



**1000Volt**

**10250 Insulated Stripping Pliers.** Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification. Individually Tested. Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

Item No.	mm	Inch	Ø	AWG	Pkg.	lbs.
10250	160	6.3"	0.81-2.59	20-10	5	.26

**Insulated End Cutters**

**NEW**  
From Wiha



For cutting solid aluminum, copper & medium hard wires

**1000Volt**

**29250 End Cutters, With Insulated Handle.** Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification. Individually Tested. Blade alloyed tool steel. Induction hardened.

Item No.	OAL	OAL	Capacity	↔	↔
No.	mm	Inch	Inch	lbs.	pkg.
29250	250	10.0"	7/8"	1.1	1

**Wiha Insulated Waterpump Pliers**



**1000Volt**

**29240 Waterpump Pliers, With Insulated Handle** Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested. Box joint. Chrome-vanadium steel, drop forged, oil hardened.

Item No.	OAL	OAL	Capacity	↔	↔
No.	mm	Inch	Inch	lbs.	pkg.
29240	240	9.5"	7/8"	1.1	1

**Wiha Canvas Pliers Holster**

- Canvas holster with belt clip and belt loop
- Security pliers strap
- Screwdriver holder in the front



**91256 Pliers Canvas Holster**

Item No.	Width	Height	↔	↔
No.	Size	Size	lbs.	pkg.
91256	3.5 x	6.75	.15	1 \$5.98

**Wiha Insulated Belt Pack Pouch Sets**

**NEW**  
From Wiha

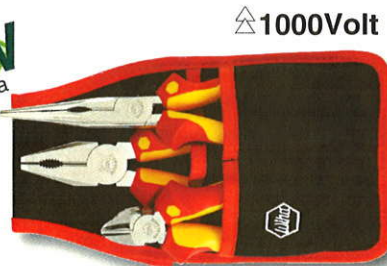


⊖ ⊕ ⊙

**32871 3 Piece Insulated Pliers/Cutters & Multi-Bit Set In Belt Pack Pouch.** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated Multi-bit screwdriver includes Slotted, Phillips & Square bits.

Item No.	Pliers/Cutters & Multi-Bit Set
32871	6.3" / 160mm Diagonal Cutters 8.0" / 200mm Long Nose Pliers
lbs.	<b>Set Includes Bit Holder &amp; The Following Bits:</b> Slotted: 4.5, 6.5mm Phillips: 1, 2 Square: 1, 2
1.67	

**NEW**  
From Wiha



**32873 3 Piece Insulated Pliers/Cutters In Belt Pack Pouch.** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard.

Item No.	Pliers & Cutters
32873	6.3" / 160mm Diagonal Cutters 8.0" / 200mm Long Nose Pliers
lbs. 2.07	8.0" / 200mm Combination Pliers

**NEW**  
From Wiha



⊖ ⊕

**32872 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch.** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

Item No.	Pliers/Cutters & Screwdrivers
32872	6.3" / 160mm Diagonal Cutters 8.0" / 200mm Long Nose Pliers
lbs.	<b>Insulated Screwdrivers:</b> Slotted: 3.0, 4.5mm Phillips: 2
1.77	



**Wiha Insulated Pliers and Cutters Sets**



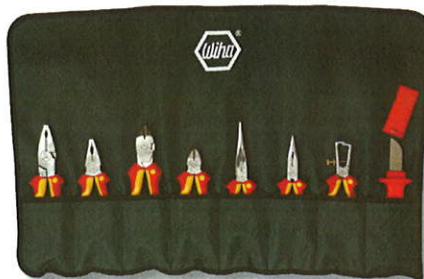
- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.

- In zipper carry case

1000volt

**32891** 10 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 volt. Individually Tested.

Item# <b>32891</b> Set Includes:	lbs. 5.44
32818 - 8.0" Combination Pliers	32808 - 8.0" Long Nose
32838 - 8.0" Side Cutters	32848 - 6.75" Cable Cutters
32860 - 6.3" Universal Wire Stripper	
Insulated Phillips #1, #2, #3	Insulated Slotted 4.5, 6.5mm



- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.

1000volt

**32889** 8 Piece Pliers & Cutters Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 volt. Individually Tested.

Item# <b>32889</b> Set Includes:	lbs. 4.53
32806 - 6.3" Long Nose Pliers	32808 - 8.0" Long Nose Pliers
32814 - 6.3" Lineman's Pliers	32832 - 6.3" Diagonal Cutters
32820 - 9.0" Lineman's Pliers	32838 - 8.0" High Lev. Cutters
32860 - 6.3" Wire Stripping Pliers	15000 - Electrician's Knife

**Wiha Inomic 1000Volt Insulated Pliers**

**Insulation Standards:**

EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA

Tools Meet 10,000 Volt Test Standards Rated to 1000 Volt ac or 1500 Volt dc



#32850



#32852



#32854

1000volt

**32850** Inomic Combo Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5749 Precision machined forged head. Induction hardened for longest tool life. Cross hatched flat jaw & deep cut radius jaws for secure gripping of the work piece. Cutting edges are matched for precise cutting action. Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue. Palm side of grip has molded soft panel for added comfort in prolonged use.

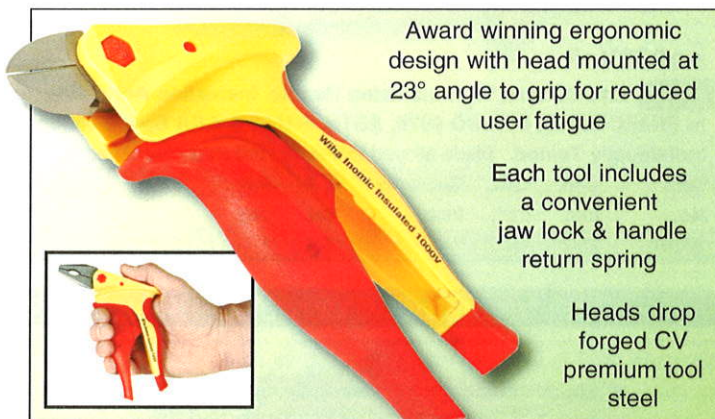
Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
<b>32850</b> Z01016180	180	7.0	#6	1	.46

**32852** Inomic Long Nose Pliers

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
<b>32852</b> Z01016160	160	6.3	#6	1	.43

**32854** Inomic Diagonal Cutters

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
<b>32854</b> Z01016160	160	6.3	#6	1	.41



Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue

Each tool includes a convenient jaw lock & handle return spring

Heads drop forged CV premium tool steel

Tools Meet 10,000 Volt Test Standards Rated to 1000 Volt ac or 1500 Volt dc

1000V

**32859** 3 Pc. Insulated Inomic Pliers/Cutters Set Meets ASTM, EN/IEC, NFPA, CSA, ISO specifications. Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue.

Item# <b>32859</b> Set Includes:	lbs. 1.45
32850 - Combo Pliers	32854 - Diagonal Cutters
32852 - Long Nose Pliers	91230 - Inomic Holster (Includes 3)



Three Holsters Included

**91230** Inomic Canvas Holster

Item No.	Width Size	Height Size	lbs.	pkg.
<b>91230</b>	4.0	x 4.5	.05	1

Holds any Inomic Pliers



**Wiha 1000Volt Insulated Adjustable Wrenches**

**Insulation Standards:**

EN/IEC 60900, ASTM F-1505-01, and or According to ISO, NFPA70E & CSA



Etched on scale for presetting size

Slip guard handle for added protection

Double covered insulation red over yellow

**NEW**  
From Wiha

 **1000V**

Tools Meet 10,000 Volt Test Standards Rated to 1000 Volt ac or 1500 Volt dc

**Wiha Insulated 8" Adjustable Wrench**



 **1000Volt**

**76208** Insulated 8" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Weight lbs.	Pkg.
76208	8.0	200	1"	.7	1

**Wiha Insulated 10" Adjustable Wrench**



 **1000Volt**

**76210** Insulated 10" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Weight lbs.	Pkg.
76210	10.0	250	1-1/4"	1.4	1

**Wiha Insulated 12" Adjustable Wrench**



 **1000Volt**

**76212** Insulated 12" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Weight lbs.	Pkg.
76212	12.0	300	1-1/2"	1.9	1

**Wiha Insulated 15" Adjustable Wrench**



 **1000Volt**

**76215** Insulated 15" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Weight lbs.	Pkg.
76215	15.0	380	1-11/16"	2.8	1


**Wiha Insulated Adjustable Wrench Set**

 **1000Volt**



**76290 3 Piece Insulated Adjustable Wrenches**

Insulation meets ASTM, EN/IEC, NFPA, CSA, ISO specifications. Insulation rated to 1000Volts or 10,000Volts tested. Slip guard handle for added protection. Double covered insulation handle. Etched on scale for presetting size.

<b>Item# 76290</b> Set Includes:	 lbs. 4.15
76208 - 8" OAL	76212 - 12" OAL
76210 - 10" OAL	

### Insulated Industrial Pliers & Cutters

10,000 Volt tested  
1000 Volt Rated

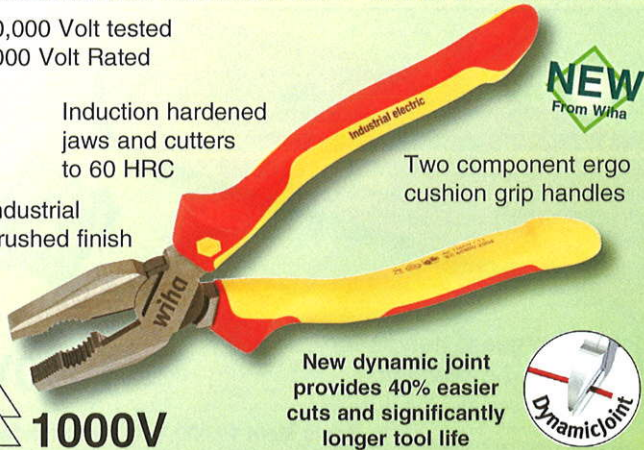
Induction hardened jaws and cutters to 60 HRC

Industrial brushed finish

Two component ergo cushion grip handles

New dynamic joint provides 40% easier cuts and significantly longer tool life

 **1000V**



### Insulated Combo Pliers With Dynamic Joint


**NEW**  
From Wiha



 **1000volt**



Long life high performance dynamic 60/40 joint

**32930** Insulated Industrial High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746

Item	↔		↔		↔		↔	
No.	mm	Inch	Cutting Capacity Copper AWG		Pkg.	wt.		
32930	200	8.0	#4		1	.92		

### Insulated Lineman's Pliers With Crimpers


**NEW**  
From Wiha



 **1000volt**



Long life high performance dynamic 60/40 joint

**32917** Insulated Industrial Lineman's Pliers "5-In-1" Professional Design Insulation According to EN/IEC, ASTM, NFPA70E & CSA,  up to 1000 volt. Individually Tested.


Item	↔		↔		↔		↔	
No.	mm	Inch	Cutting Capacity Copper AWG		Pkg.	wt.		
32917	225	9.0	#4		1	.98		

### Insulated Heavy Duty Cable Cutters

**NEW**  
From Wiha



 **1000volt**

**32927** Insulated Industrial Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.


Item	↔		↔		↔		↔	
No.	mm	Inch	Ø	mm <sup>2</sup>	Pkg.	lbs.		
32927	200	8.0	20	60	1	.78		

### Insulated Long Nose Pliers With Cutters

**NEW**  
From Wiha



 **1000volt**

**329** Insulated Industrial Long Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested.

Item	↔		↔		↔		↔	
No.	mm	Inch	Cutting Capacity Copper AWG		Pkg.	wt.		
32926	160	6.3	#10		1	.36		
32923	200	8.0	#8		1	.46		

### Insulated Stripping Pliers

**NEW**  
From Wiha



 **1000volt**

**32947** Insulated Industrial Stripping Pliers. Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, 1000 volt rated. Individually Tested. DIN ISO 5745

Item	↔		↔		↔		↔	
No.	mm	Inch	Stripping Capacity Copper AWG		Pkg.	wt.		
32947	160	6.3	#4 - #28		1	.46		

### Insulated Diagonal Cutters


**NEW**  
From Wiha



 **1000volt**



Long life high performance dynamic 60/40 joint

**329** Insulated Industrial Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5749


Item	↔		↔		↔		↔	
No.	mm	Inch	Cutting Capacity Copper AWG		Pkg.	wt.		
32933	160	6.3	#6		1	.64		
32929	200	8.0	#6		1	.80		

### Insulated Crimpers

**NEW**  
From Wiha



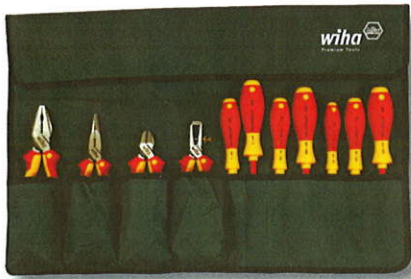
 **1000volt**

**32945** Insulated Industrial Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.

Item	↔		↔		↔		↔	
No.	mm	Inch	mm <sup>2</sup>	AWG	Pkg.	wt.		
32945	180	7.0	0.25-2.5	6-30	1	.64		

**Wiha Insulated Industrial Tool Sets**

In Roll  
Out  
Pouch



**NEW**  
From Wiha

⚡ 1000Volt



**32986 11 Pc. Pliers/Cutters & Screwdriver Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, ⚡ up to 1000 volt. Individually Tested. Item# 32986 Set Includes:

- 32926 - 6.3" Long Nose Pliers
- 32930 - 8.0" Combination Pliers
- 32933 - 6.3" Diagonal Cutters
- 32947 - 6.3" Stripping Pliers

Insulated Slotted: 3.0, 4.5, 5.5mm  
Insulated Phillips: #1, #2

Insulated Square: #1, #2

In Roll  
Out  
Pouch



**NEW**  
From Wiha

⚡ 1000Volt



**32987 8 Pc. Pliers & Cutters Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouch Item# 32987 Set Includes:

- 32926 - 6.3" Long Nose Pliers
- 32923 - 8.0" Long Nose Pliers
- 32917 - 9.0" Lineman's w/Cutters
- 32927 - 8.0" Cable Cutters
- 32933 - 6.3" Diagonal Cutters
- 32929 - 8.0" H.D. Diagonal Cutters
- 32947 - 6.3" Stripping Pliers
- 32945 - 7.0" Crimpers

⚡ 1000Volt



In Roll  
Out  
Pouches

**NEW**  
From Wiha



**32988 22 Pc. Pliers/Cutters & SlimLine Blade Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, ⚡ up to 1000 volt. Individually Tested. Item# 32988 Set Includes:

- 32923 - 8.0" Long Nose Pliers
- 32917 - 9.0" Lineman's w/Cutters
- 32927 - 8.0" Cable Cutters
- 32945 - 7.0" Crimpers
- 32933 - 6.3" Diagonal Cutters
- 32929 - 8.0" H.D. Diagonal Cutters
- 32947 - 6.3" Stripping Pliers

15 Pc. *SlimLine* Blade Set includes: Insulated *SlimLine* Blade Holder  
Slotted: 3.0, 4.0, 5.5, 6.5 Phillips: #1, #2 Xeno: #1, #2  
**TORX**: T8, T10, T15, T20 Square: #1, #2

Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards



**NEW**  
From Wiha



⚡ 1000Volt

**32981 3 Pc. Insulated Industrial Pliers & Cutters**  
Item No. Insulated Pliers & Cutters  
**32981** 8.0" Combo Pliers, 8.0" Long Pliers, 8.0" Diagonal Cutters  
lbs. 2.18

**NEW**  
From Wiha



Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards



⚡ 1000Volt

**32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers**  
Item No. Insulated Diagonal Cutters & Screwdrivers  
**32983** 6.3"/160mm Diagonal Cutter  
Insulated Divers: Slotted: 3.0, 4.5mm • Phillips: #1, #2  
lbs. 1.17



**NEW**  
From Wiha

Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards



⚡ 1000Volt

**32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers**  
Item No. Insulated Combination Pliers & Screwdrivers  
**32984** 8.0" Combination Pliers & 8" Long Nose Pliers  
Divers: Slotted: 3.0, 4.5mm • Phillips: #2 • Square: #2  
lbs. 2.06

**NEW**  
From Wiha



In Belt Pack  
Pouch

Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards



⚡ 1000Volt

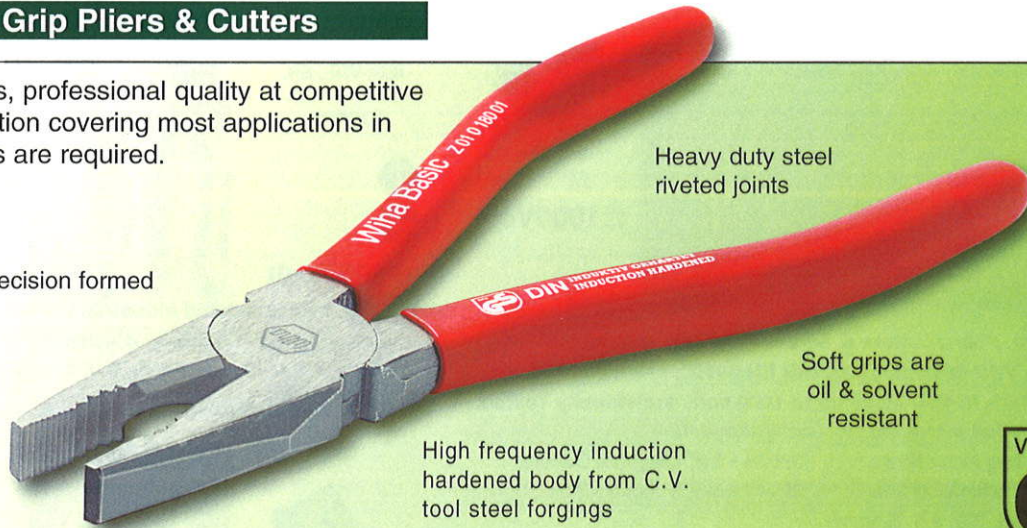
**32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers**  
Item No. Insulated Pliers/Cutters & Screwdrivers  
**32985** 8.0" Combo Pliers, 6.3" Long Nose, 6.3" Diagonal Cutters  
Insulated Divers: Slotted: 3.0, 4.5mm • Phillips: #1, #2  
lbs. 2.30

**Wiha Soft Grip Pliers & Cutters**

Wiha Pliers & Cutters, professional quality at competitive prices. A wide selection covering most applications in which pliers & cutters are required.

Precision formed

Jaws and cutters induction hardened



Heavy duty steel riveted joints

Soft grips are oil & solvent resistant

High frequency induction hardened body from C.V. tool steel forgings



**Lineman's Pliers With Crimpers**

5-in-1 Lineman's Pliers



With Lower Crimping Jaw

**32616 Lineman's Pliers "5-in-1" Professional Design**

Deep cut radius conduit jaws for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Made from premium CV tool steel forgings. Vinyl coated cushion grips for best user comfort.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
32616 Z01122001	225	9.0	#4	1	.88

**Combination Pliers With Cutters**



**326 Combination Pliers With Cutters DIN ISO 5746**

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 60HRC. C.V. Special tool steel. For gripping and holding as well as cutting soft and hard wires and cables. Soft vinyl grips, oil & solvent resistant.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
32603 Z01016001	160	6.3	#10	1	.41
32606 Z01018001	180	7.0	#9	1	.50
32609 Z01020001	200	8.0	#8	1	.63

**High Leverage Combination Pliers**



**326 High Leverage Heavy Duty Combination Pliers DIN ISO 5746**

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 60HRC. C.V. Special tool steel forgings. Use For gripping, pulling & holding as well as cutting soft, hard & piano wires and cables. Soft vinyl grips are oil & solvent resistant.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
32612 Z02020001	200	8.0	#4	1	.61
32615 Z02022501	225	9.0	#4	1	.78

**Long Nose Pliers With Cutters**



**326 Long Nose Pliers With Cutters DIN ISO 5745**

Long nose pliers. Extra long cutters for flat and round cables. Serrated Jaws. Cutting edges additionally induction hardened to approx. 60 HRC. Special CV tool steel forgings. Soft vinyl grips are oil & solvent resistant.

Item No.	Cutting Capacity		Pkg.	lbs.
	mm	Inch		
32618 Z05016001	160	6.3	#10	1 .28
32621 Z05020001	200	8.0	#8	1 .86

**Bent Long Nose Pliers With Cutters**

Angled 40°



**326 Bent Long Nose Pliers With Cutters DIN ISO 5745**

Long nose pliers angled 40°. Extra long cutters for flat and round wire. Partially Serrated Jaws. Cutting edges additionally induction hardened to approx. 60 HRC. Special CV tool steel forgings. Soft vinyl grips are oil & solvent resistant.

Item No.	Cutting Capacity		Pkg.	lbs.
	mm	Inch		
32623 Z05116001	160	6.3	#10	1 .28
32625 Z05120001	200	8.0	#8	1 .96

**Long Flat Nose Pliers**



**32630 Long Flat Nose Pliers DIN ISO 5745**

Extra long head. Serrated Jaws are induction hardened. Special CV tool steel forgings. Use for gripping and right-angled bending of wires and sheet metal parts. Soft vinyl grips are oil & solvent resistant.

Item No.	Cutting Capacity		Pkg.	lbs.
	mm	Inch		
32630 Z07016001	160	6.3	1	.26

**Long Round Nose Pliers**



**32633 Long Round Nose Pliers DIN ISO 5745**

Extra long head. Serrated Jaws are induction hardened. Special CV tool steel forgings. Use for gripping and uniform round bending of wires and sheet metal parts. Soft vinyl grips are oil & solvent resistant.

Item No.	Cutting Capacity		Pkg.	lbs.
	mm	Inch		
32633 Z09016001	160	6.3	1	.25

**Stripping Pliers**



**32645 Stripping Pliers DIN ISO 5744**

Heavy duty forged with induction hardened cutting edges for even stripping of insulation. Easy to use adjusting screw allows the stripping diameter to be set. Opening spring for effortless and sensitive handling of pliers. C.V. special tool steel. For Stripping up to Ø 5mm/#4 AWG conductor cross-section. Soft vinyl grips.

Item No.	Stripping Capacity		Pkg.	lbs.
	mm	Inch		
32645 Z55016001	160	6.3	#4 - #28	1 .31

**Wiha Soft Grip Pliers & Cutters**

**Standard Adjustable Pliers**



**326 Adjustable Pliers - Box Type DIN ISO 5745**

10 different opening sizes provide optimal adjustment to objects being gripped. Long durability achieved through additional induction hardening of jaws to approx. 58-60 HRC. Chrome-vanadium tool steel, hardened and tempered. Soft vinyl grips are oil and solvent resistant.

Item No.		↔		↔		Capacities		Pkg.	lbs.
		mm	Inch	Round	Hex				
32660	Z21001180	180	7.0	1.25	1 1/2	1	.35		
32661	Z21001250	250	10.0	1.75	2.0	1	.67		
32663	Z21001300	300	12.0	2.0	2 1/4	1	1.17		

**Slide Lock Adjustable Pliers - "QuickFix"**



- Open and slide to adjust opening size
- Audible click at each locking position
- Close to lock

**32668 Slide Lock Adjustable Pliers - Wiha QuickFix - Box Type DIN ISO 8976**

Super fast and easily adjusted pliers. Long durability achieved through additional induction hardening of jaws to approx. 56 HRC. Finger jam protection for safe operation in all settings. Chrome-vanadium tool steel, hardened and tempered. Soft vinyl grips.

Item No.		↔		↔		Capacities		Pkg.	lbs.
		mm	Inch	Round	Hex				
32668	Z23025001	250	10.0	1 1/4	1 1/2	1	.72		

**Rapid Adjustable - Push Button Pliers**



- Fast push button jaw release
- Finger jam protection in all settings

**326 Push Button Adjustable Water Pump Pliers - DIN ISO 8976**

Extra narrow head for working in restricted spaces. Rapid and simple push button setting and locking. Long durability achieved by additional inductive hardening of gripper jaws to approx. 58-60 HRC. Finger jam protection in all settings ensures safe operation. Chrome-vanadium tool steel, hardened and tempered. Soft vinyl grips. For gripping and holding pipes and angular profiles such as hex nuts in the installation area.

Item No.		↔		↔		Capacities		Pkg.	lbs.
		mm	Inch	Round	Hex				
32664	Z22001180	180	7.0	1.25	1 1/2	1	.35		
32665	Z22001250	250	10.0	1.75	2.0	1	.80		
32667	Z22001300	300	12.0	2.0	2 1/4	1	1.21		



**32669 3 Piece Push Button Set**

Drop-forged from special tool steel, individually high frequency induction hardened. Precision formed. Soft vinyl grips, oil & solvent resistant.

- Item# 32669** Set Includes:      lbs. 2.50
- 32664 - Push Button Adjustable Water Pump Pliers - 7.0"
  - 32665 - Push Button Adjustable Water Pump Pliers - 10.0"
  - 32667 - Push Button Adjustable Water Pump Pliers - 12.0"



**32670 3 Piece Adjustable Pliers Set**

Drop-forged from special tool steel, individually high frequency induction hardened. Precision formed. Soft vinyl grips, oil & solvent resistant.

- Item# 32670** Set Includes:      lbs. 2.52
- 32660 - Adjustable Pliers, Box Type - 7.0"
  - 32661 - Adjustable Pliers, Box Type - 10.0"
  - 32663 - Adjustable Pliers, Box Type - 12.0"

**Wiha Soft Grip Pliers & Cutters**

**Diagonal Cutters**



**326 Diagonal Cutters DIN ISO 5749**

Low wear lap joint, riveted and able to withstand high levels of load. Low force cutting action, clean cutting. Long life edge is achieved through additional induction hardening to approx. 60 HRC. Special CV tool steel hardened and tempered. For soft & medium hard wire. Soft vinyl grips.

Item No.		↔	↔	Cutting Capacity	↔	↔
		mm	Inch	Copper AWG	Pkg.	lbs.
32638	Z12014001	140	5.5	#6	1	.33
32642	Z12016001	160	6.3	#6	1	.49
32639	Z12018001	180	7.0	#6	1	.54

**High Leverage Cutters**



**326 High Leverage Cutters DIN ISO 5749**

Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life is achieved through additional induction hardening of cutting edge to 64 HRC. CV 60 special tool steel hardened and tempered. Soft vinyl grips.

Item No.		↔	↔	Cutting Capacity	↔	↔
		mm	Inch	Copper AWG	Pkg.	lbs.
32646	Z16016001	160	6.3	#6	1	.42
32649	Z16018001	180	7.0	#5	1	.50
32652	Z16020001	200	8.0	#4	1	.63

**Cable Cutters**



**326 Cable Cutters**

Light, energy-saving & clean cutting with specially ground precision cutting edges. Long life is achieved through additional induction hardening of cutting edge to 64 HRC. CV 60 special tool steel hardened and tempered. Soft vinyl grips. For cutting of copper & aluminum cables without crushing, also suitable for stripping. Not for steel cable, wires and copper conductors with hard coatings.

Item No.		↔	↔	Cutting Capacity	↔	↔
		mm	Inch	Copper/Aluminum	Pkg.	lbs.
32600	Z50101160	160	6.3	16mm	1	.34
32602	Z50101200	200	7.9	20mm	1	.62

**Soft Grip Crimping Pliers**



**326 Crimping Pliers DIN ISO 5743**

Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64 HRC. CV 60 special tool steel hardened & tempered. Soft vinyl grips.

Item No.		↔	↔	↔	↔	↔	↔
		mm	Inch	mm <sup>2</sup>	AWG	Pkg.	lbs.
32604	Z60001145	145	5.75	0.25-2.5	14-30	1	.29
32605	Z60001180	180	7.0	0.25-16	6-30	1	.57

**Protturn Stripping Pliers**



**57872 Protturn Stripping Pliers**

Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. With opening spring and locking mechanism. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

#57872	mm	Inch	Ø	AWG	Pkg.	lbs.
	180	7.0	0.81-2.59	20-10	5	.124




**Wiha Soft Grip Pliers & Cutters**



**32698 3 Piece Pliers & Cutters Set**


Drop-forged from special tool steel, individually high frequency induction hardened. Precision formed. Soft vinyl grips, oil & solvent resistant.

**Item# 32698** Set Includes:  lbs. 1.39  
32606 - Combination Pliers      32642 - Diagonal Cutters  
32618 - Long Nose Pliers



**32648 2 Piece Pliers & Cutters Set**

Drop-forged from special tool steel, individually high frequency induction hardened. Precision formed. Soft vinyl grips, oil & solvent resistant.

**Item# 32648** Set Includes:  lbs. .78  
32621 - Long Nose Pliers With Cutters - 8.0"  
32642 - Diagonal Cutters - 6.3"



**32610 Multipurpose Electrician's Heavy Duty Shears**

High alloy carbon steel, hardened, burnished surface. Sturdy model, straight, very robust, micro-toothed cutting.

Item No.	mm	Inch	Pkg.	lbs.
32610	145	5.75	1	.05

**32611 SoftGrip Electrician's & Craftsman Shears**

Item No.	mm	Inch	Pkg.	lbs.
32611	145	5.75	1	.05

**Wiha Soft Grip Nippers**



**326 High Leverage End Cutting Nippers DIN ISO 5749** Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edges are achieved through additional induction hardening to approx. 60 HRC. Special CV tool steel forgings hardened and tempered. Soft vinyl grips are oil & solvent resistant.

Item No.	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
32657 Z17001160	160	6.3	#6	1	.41
32658 Z17018001	180	7.0	#5	1	.61
32659 Z17020001	200	8.0	#4	1	.75



**326 Carpenter's End Nippers DIN ISO 9243** High cutting performance and reduced effort achieved through the precise formation of the cutting blade after assembly. Long life cutting edges achieved by additional induction hardening. Special CV tool steel, hardened and tempered. Soft vinyl grips are oil & solvent resistant.

Item No.	mm	Inch	Pkg.	lbs.
32671 Z30018001	180	7.0	1	.62
32672 Z30001200	200	8.0	1	.86



**326 Mason Nippers DIN ISO 9243** High cutting performance and reduced effort achieved through the precise formation of the cutting blade after assembly. Long life induction hardened cutting edges. Special tool steel, hardened and tempered. Soft vinyl Grips are oil & solvent resistant.


Item No.	mm	Inch	Cutting Capacity Hard Wire AWG	Pkg.	lbs.
32674 Z31022001	220	8.75	#12	1	.76
32676 Z31025001	250	10.0	#12	1	.98
32678 Z31028001	280	11.0	#12	1	1.00
32680 Z31030001	300	12.0	#12	1	1.06

**Wiha Soft Grip Pliers & Cutters**



**32601 4 Piece Pliers & Cutters Set**

Drop-forged from special tool steel, individually high frequency induction hardened. Precision formed. Soft vinyl grips, oil & solvent resistant. In roll-up pouch.

<b>Item# 32601</b> Set Includes:	 lbs. 3.16
32609 - Combination Pliers - 8.0"	32661 - Water Pump Pliers - 10.0"
32618 - Long Nose Pliers - 6.3"	32642 - Diagonal Cutters - 6.3"

**Wiha Soft Grip Belt Pack Pouch Sets**




**NEW**  
From Wiha

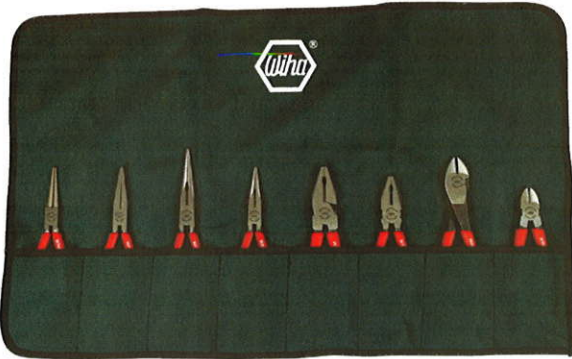


Durable Canvas Belt Pack Pouch

**32653 3 Piece Pliers/Cutters In Belt Pack Pouch**

Pliers precision formed. Jaws & cutters induction hardened. Soft vinyl grips are oil & solvent resistant. SoftFinish cushion grip drivers, multi-component. Durable canvas belt pack pouch.

<b>Item No.</b>	<b>Pliers &amp; Cutters</b>
<b>32653</b>	8.0" / 200mm High Leverage Cutters 8.0" / 200mm Combo Pliers 8.0" / 200mm Long Nose Pliers
	lbs. 2.02



**32608 8 Piece Pliers & Cutters In Canvas Pouch**

Pliers precision formed. Jaws & cutters induction hardened. Long life edge is achieved through additional induction hardening to approx. 60 HRC. Soft vinyl grips are oil & solvent resistant.

<b>Item No.</b>	<b>Set Includes:</b>
<b>32608</b>	6.3" / 160mm Combination Pliers 6.3" / 160mm Long Nose Pliers  8.0" / 200mm Long Nose Pliers lbs. 6.3" / 160mm Diagonal Cutters 4.42 6.3" / 160mm Long Flat Nose Pliers 6.3" / 160mm Long Round Nose Pliers 8.0" / 200mm High Leverage Cutters 9.0" / 225mm High Leverage Combo Pliers




**NEW**  
From Wiha



Durable Canvas Belt Pack Pouch

**32655 5 Piece Pliers/Cutters & Screwdrivers In Belt Pack Pouch**

Pliers precision formed. Jaws & cutters induction hardened. Soft vinyl grips are oil & solvent resistant. Screwdriver blades CVM tool steel, hardened, hard chromed. SoftFinish cushion grip drivers, multi-component. Durable canvas belt pack pouch.

<b>Item No.</b>	<b>Pliers &amp; Cutters</b>
<b>32655</b>	6.3" / 160mm Diagonal Cutters 8.0" / 200mm Long Nose Pliers
	<b>Cushion Grip Screwdrivers:</b> Slotted: 3.0, 4.5mm Phillips: 2
	lbs. 1.62

**Wiha Soft Grip Pliers & Cutters**

**Retaining Ring Pliers - Internal**



**326 Straight Internal Retaining Ring Pliers DIN ISO 5256**

Shape C, straight tips. Die forged cylindrical precision formed. Chrome-vanadium special tool steel. For inserting & removing internal retaining rings.

Item No.	mm	Inch	Inch	mm	Tip Inch/mm	Pkg.	lbs.
32681	139	5.5	5/16-1/2	8-13	.035/.9	1	.27
32682	140	5.5	1/2-1	12-25	.050/1.3	1	.27
32683	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.42
32684	225	8.9	1 1/2-4	40-100	.090/2.3	1	.63
32654	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.13

**90° Angle Retaining Ring Pliers - Internal**



**326 90° Angle Internal Retaining Ring Pliers DIN ISO 5254**

Shape D, 90° angled tips. Die forged cylindrical precision formed. CV Special tool steel. For inserting & removing internal retaining rings. Soft vinyl grips.

Item No.	mm	Inch	Inch	mm	Tip Inch/mm	Pkg.	lbs.
32685	139	5.5	5/16-1/2	8-13	.035/.9	1	.27
32686	140	5.5	1/2-1	12-25	.050/1.3	1	.27
32687	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.43
32688	225	8.9	1 1/2-4	40-100	.090/2.3	1	.62
32656	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.14

**Retaining Ring Pliers - External**



**326 Straight External Retaining Ring Pliers DIN ISO 5254**

Shape A, straight tips. Die forged cylindrical precision formed. CV special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

Item No.	mm	Inch	Inch	mm	Tip Inch/mm	Pkg.	lbs.
32689	139	5.5	1/8-3/8	3-10	.035/.9	1	.28
32690	140	5.5	3/8-1	10-25	.050/1.3	1	.28
32691	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.45
32692	225	8.9	1 1/2-4	40-100	.090/2.3	1	.62
32662	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.13

**90° Angle Retaining Ring Pliers - External**

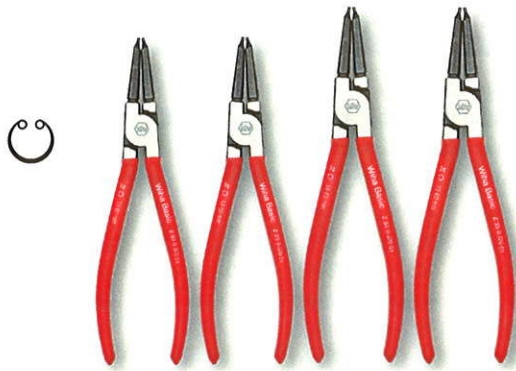


**326 90° Angled External Retaining Ring Pliers DIN ISO 5254**


Shape B, 90° angled tips. Die forged cylindrical precision formed. CV special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

Item No.	mm	Inch	Inch	mm	Tip Inch/mm	Pkg.	lbs.
32694	139	5.5	1/8-3/8	3-10	.035/.9	1	.28
32695	140	5.5	3/8-1	10-25	.050/1.3	1	.28
32696	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.44
32697	225	8.9	1 1/2-4	40-100	.090/2.3	1	.63
32666	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.16

**Wiha Forged Retaining Ring Pliers**




**32626 4 Piece Straight Internal Ring Pliers Set** Shape C, straight tips. Die forged cylindrical precision formed. Chrome-vanadium special tool steel. For inserting & removing internal retaining rings.

**Item# 32626** Set Includes:  lbs. 1.60

32681 5/16-1/2" / 8-13mm / tip .035	32683 3/4-2 3/8" 19-60mm / tip .070
32682 1/2-1" 12-25mm / tip .050	32684 1 1/2-4" 40-100mm / tip .090




**32627 4 Piece 90° Angle Internal Ring Pliers Set** Shape D, 90° angled tips. Die forged cylindrical precision formed. CV Special tool steel. For inserting & removing internal retaining rings. Soft vinyl grips.

**Item# 32627** Set Includes:  lbs. 1.56

32685 5/16-1/2" / 8-13mm / tip .035	32687 3/4-2 3/8" 19-60mm / tip .070
32686 1/2-1" 12-25mm / tip .050	32688 1 1/2-4" 40-100mm / tip .090


**32693 8 Piece Straight Retaining Ring Pliers Set** Straight tips. Die forged cylindrical precision formed. Chrome-vanadium special tool steel. For inserting & removing internal and external retaining rings.

**Item# 32693** Set Includes:  lbs. 3.65

Internal Retaining Ring - Shape C	External Retaining Ring - Shape A
32681 5/16-1/2" / 8-13mm / tip .035	32689 1/8 - 3/8" / 3-10mm / tip .035
32682 1/2-1" / 12-25mm / tip .050	32690 3/8 - 1" / 10-25mm / tip .050
32683 3/4-2-3/8" / 19-60mm / tip .070	32691 3/4 - 2-3/8" / 19-60mm / tip .070
32684 1-1/2-4" / 40-100mm / tip .090	32692 1/2 - 4" / 40-100mm / tip .090




**32628 4 Piece Straight External Ring Pliers Set** Shape A, straight tips. Die forged cylindrical precision formed. CV special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

**Item# 32628** Set Includes:  lbs. 1.52

32689 1/8-3/8" / 3-10mm / tip .035	32691 3/4-2 3/8" 19-60mm / tip .070
32690 3/8-1" 10-25mm / tip .050	32692 1 1/2-4" 40-100mm / tip .090



**32629 4 Piece 90° Angle External Ring Pliers Set** Shape B, 90° angled tips. Die forged cylindrical precision formed. CV special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

**Item# 32629** Set Includes:  lbs. 1.52

32694 1/8-3/8" / 3-10mm / tip .035	32696 3/4-2 3/8" 19-60mm / tip .070
32695 3/8-1" 10-25mm / tip .050	32697 1 1/2-4" 40-100mm / tip .090



### Wiha MagicTip Safety Ring Pliers

Patents Pending



Hardened MagicTips are notched to hold rings securely on .070, .090 & .126 sizes

**NEW**  
From Wiha

- Faster & Easier Application
- Fewer Lost Rings
- Safer To Use
- Saves Time & Money

Tips made of premium quality hardened CVM tool steel, HRC 64

Heavy duty forged pliers with soft vinyl grips

High performance precision notched tips for maximum stability & secure holding

(Safety notched on .070, .090 & .126)



### MagicTip Safety Ring Pliers-Internal



#### 346 MagicTip Straight Internal Safety Ring Pliers DIN ISO 5256

Shape C, straight tips. Precision machined tips of Chrome-vanadium special tool steel. For inserting & removing internal retaining rings.

Item No.		↔	↔	⊙	⊙	● Tip	⊞	↔
		mm	Inch	Inch	mm	Inch/mm	Pkg.	lbs.
34608	Z334J0001	140	5.5	5/16-1/2	8-13	.035/.9	1	.21
34609	Z334J1001	140	5.5	1/2-1	12-25	.050/1.3	1	.21
34610	Z334J2001	180	7.1	3/4-2 3/8	19-60	.070/1.5	1	.34
34611	Z334J3001	220	8.7	1 1/2-4	40-100	.090/2.3	1	.54
34612	Z334J4001	305	12.0	3.5-5.5	85-140	.126/3.2	1	.90

### MagicTip 90° Angle Safety Ring Pliers - Internal



#### 346 MagicTip 90° Angle Internal Safety Ring Pliers DIN ISO 5254

Shape D, 90° angled tips. Precision machined tips of Chrome-vanadium Special tool steel. For inserting & removing internal retaining rings. Soft vinyl grips.

Item No.		↔	↔	⊙	⊙	● Tip	⊞	↔
		mm	Inch	Inch	mm	Inch/mm	Pkg.	lbs.
34613	Z335J0101	140	5.5	5/16-1/2	8-13	.035/.9	1	.21
34614	Z335J1101	140	5.5	1/2-1	12-25	.050/1.3	1	.21
34615	Z335J2101	180	7.1	3/4-2 3/8	19-60	.070/1.5	1	.34
34616	Z335J3101	220	8.7	1 1/2-4	40-100	.090/2.3	1	.54
34617	Z335J4101	305	12.0	3.5-5.5	85-140	.126/3.2	1	.90

No Dropped Rings!



Hardened MagicTips are notched to hold rings securely on .070, .090 & .126 sizes

## Safety Notched "MagicTips"

Precision Machined To Hold Rings Securely

Saves Time & Money

Improves Productivity



**MagicTip Safety Ring Pliers-External**



**346 MagicTip Straight External Safety Ring Pliers DIN ISO 5254**  
Shape A, straight tips. Precision machined tips of Chrome-vanadium special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

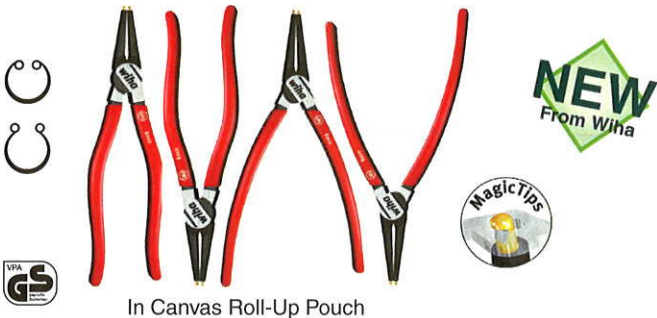
Item No.		mm	Inch	Inch	mm	Tip Inch/mm	Pkg.	lbs.
34618	Z344A0001	140	5.5	1/8-3/8	3-10	.035/.9	1	.20
34619	Z344A1001	140	5.5	3/8-1	10-25	.050/1.3	1	.20
34620	Z344A2001	185	7.3	3/4-2 3/8	19-60	.070/1.5	1	.34
34621	Z344A3001	240	9.5	1 1/2-4	40-100	.090/2.3	1	.57
34622	Z344A4001	300	11.8	3.5-5.5	85-140	.126/3.2	1	1.00

**MagicTip 90° Angle Safety Ring Pliers - External**



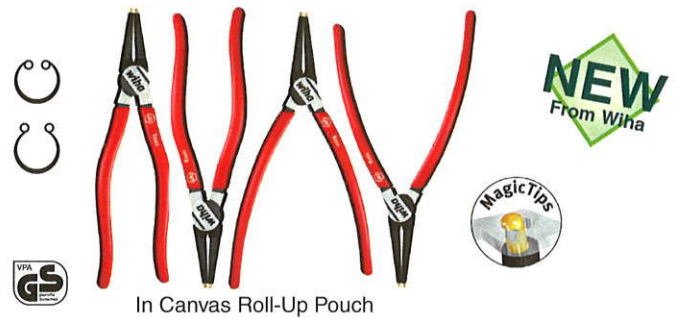
**346 MagicTip 90° Angled External Safety Ring Pliers DIN ISO 5254**  
Shape B, 90° angled tips. Precision machined tips of Chrome-vanadium special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

Item No.		mm	Inch	Inch	mm	Tip Inch/mm	Pkg.	lbs.
34623	Z345A0101	140	5.5	1/8-3/8	3-10	.035/.9	1	.20
34624	Z345A1101	140	5.5	3/8-1	10-25	.050/1.3	1	.20
34625	Z345A2101	185	7.3	3/4-2 3/8	19-60	.070/1.5	1	.34
34626	Z345A3101	240	9.5	1 1/2-4	40-100	.090/2.3	1	.57
34627	Z345A4101	300	11.8	3.5-5.5	85-140	.126/3.2	1	1.00



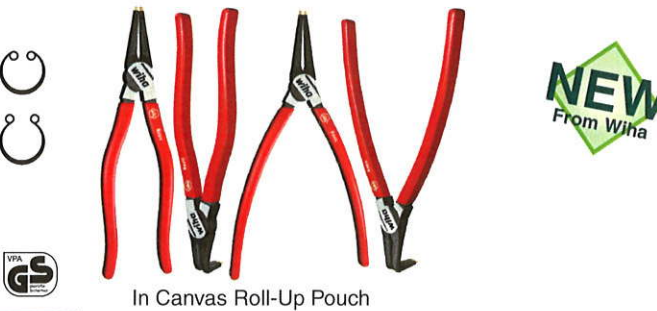
**34651 4 Pc. Straight Safety & Standard Ring Pliers Set**  
Shape A & C, straight tips. Precision machined tips of Chrome-vanadium special tool steel. For inserting & removing retaining rings.

Item#	Set Includes:	lbs.
34609	1/2-1" / 12-25mm / tip .050	1.54
34610	3/4-2 3/8" / 19-60mm / tip .070	
34619	3/8-1" / 10-25mm / tip .050	
34620	3/4-2 3/8" / 19-60mm / tip .070	



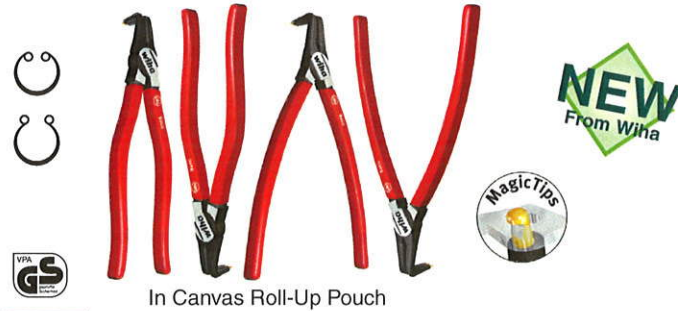
**34653 4 Pc. Straight Safety & Standard Ring Pliers Set**  
Shape A & C, straight tips. Precision machined tips of Chrome-vanadium special tool steel. For inserting & removing retaining rings.

Item#	Set Includes:	lbs.
34608	5/16-1/2" / 8-13mm / tip .035	1.54
34610	3/4-2 3/8" / 19-60mm / tip .070	
34618	1/8-3/8" / 3-10mm / tip .035	
34620	3/4-2 3/8" / 19-60mm / tip .070	



**34652 4 Piece Standard Tip Ring Pliers Set**  
Precision machined tips of Chrome-vanadium special tool steel. For inserting & removing retaining rings.

Item#	Set Includes:	lbs.
34609	1/2-1" / 12-25mm / tip .050	1.27
34614	90° 1/2-1" / 12-25mm / tip .050	
34619	3/8-1" / 10-25mm / tip .050	
34624	90° 3/8-1" / 10-25mm / tip .050	



**34654 4 Pc. 90° Safety & Standard Ring Pliers Set**  
Shape D & B, 90° tips. Precision machined tips of Chrome-vanadium special tool steel. For inserting & removing retaining rings.

Item#	Set Includes:	lbs.
34613	5/16-1/2" / 8-13mm / tip .035	1.54
34615	3/4-2 3/8" / 19-60mm / tip .070	
34623	1/8-3/8" / 3-10mm / tip .035	
34625	3/4-2 3/8" / 19-60mm / tip .070	



**Wiha Pipe Wrenches Narrow Style**

**Pipe Wrenches Narrow Style / S-Jaw**

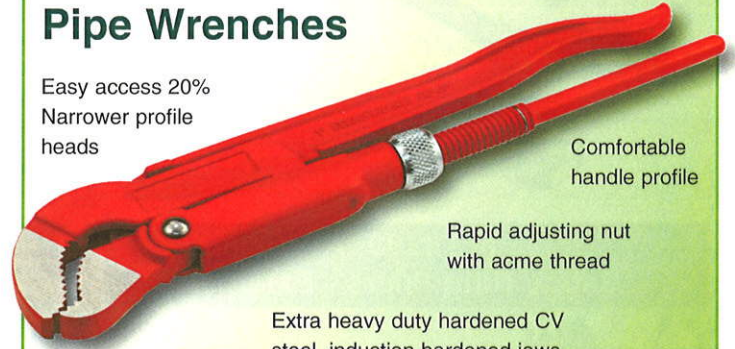


**329 Pipe Wrenches Narrow Style / S-Jaw**

S-Jaw shape angled 45°. Self clamping gripping of pipes and hex nuts at 3 points. Comfortable handle profile. Rapid adjusting nut. Hardened chrome-vanadium steel, induction hardened jaws. Safe and secure grip on pipes and hex nuts.

Item No.	Inch Length	Max. grip pipe dia.	Clamping range	lbs.	Pkg.
32970	12.60	1	40mm (1.5")	2.4	1
32971	16.38	1.5	55mm (2.1")	2.4	1
32972	21.06	2	67mm (2.6")	3.9	1

**All Steel Narrow Profile Pipe Wrenches**



Easy access 20%  
Narrower profile heads

Comfortable handle profile

Rapid adjusting nut with acme thread

Extra heavy duty hardened CV steel, induction hardened jaws

Safe and secure grip with back raked serrated jaws

**Pipe Wrenches Narrow Style - 45°**



**329 Pipe Wrenches Narrow Style - 45°**

Narrow shape angled 45°. Safe and secure grip angled jaw teeth. Comfortable handle profile. Rapid adjusting nut. Hardened chrome-vanadium steel, induction hardened jaws. Safe and secure grip on pipes, flat work-pieces and nuts.

Item No.	Inch Length	Max. grip pipe dia.	Clamping range	lbs.	Pkg.
32974	12.36	1	40mm (1.5")	1.8	1
32975	16.77	1.5	55mm (2.1")	2.1	1
32976	22.44	2	67mm (2.6")	6.3	1



**32995 3 Piece Pipe Wrench Sets**

Hardened chrome-vanadium steel, induction hardened jaws. Safe and secure grip on pipes, flat work-pieces and nuts.

Item#	Set Includes:	lbs.
32995	32970 - 12.60" S-Jaws 32974 - 12.36" 45° Jaws	5.60
	32978 - 12.20" 90° Jaws	

**Pipe Wrenches Narrow Style - 90°**



**329 Pipe Wrenches Narrow Style - 90°**

Narrow shape angled 90°. Safe and secure grip angled jaw teeth. Comfortable handle profile. Rapid adjusting nut. Hardened chrome-vanadium steel, induction hardened jaws. Safe and secure grip on pipes, flat work-pieces and nuts.

Item No.	Inch Length	Max. grip pipe dia.	Clamping range	lbs.	Pkg.
32978	12.20	1	40mm (1.5")	2.2	1
32979	16.54	1.5	55mm (2.1")	3.2	1
32980	22.05	2	67mm (2.6")	6.0	1



**32996 3 Piece Narrow Style 90° Pipe Wrench Sets**

Narrow shape angled 90°. Safe and secure grip angled jaw teeth. Comfortable handle profile. Rapid adjusting nut.

Item#	Set Includes:	lbs.
32996	32978 - 12.20" Narrow Style 90° 32979 - 16.54" Narrow Style 90°	10.80
	32980 - 22.05" Narrow Style 90°	

**Wiha Ratchet Crimpers**

**Ratchet End Sleeve Crimper**



5 die nests  
side entry  
crimp



**43612 Ratchet End Sleeve Crimper**

Crimps Insulated & non-insulated end sleeves. 6 crimp positions range AWG 26-18, 18-16, 14, 12, 10, 8. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43612	Z62000106	220mm/8.6"	26-8	1.18 1

**Ratchet Crimper Push On Terminals**



Crimp Profile  
"F"/"B"

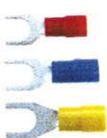


**43624 Ratchet Crimper Push On Terminals**

Crimps Insulated & non-insulated terminals. 4 crimp positions range AWG 22-20, 20-16, 16-14, 12-10. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43624	Z62000306	220mm/8.6"	22-10	1.06 1

**Ratchet Crimper For Standard Connectors**



Crimp Profile



**43618 Ratchet Crimper For Standard Connectors**

Crimps Insulated & non-insulated connectors. 3 crimp positions range AWG 20-16 red, 16-14 blue, 12-10 yellow. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43618	Z62000206	220mm/8.6"	20-10	1.06 1

**Ratchet Crimper For Eye Terminals**



Self adjusting  
side entry crimp



**43643 Ratchet Crimper For Eye Terminals**

Crimps Insulated & non-insulated terminals. 4 crimp positions range AWG 26-20, 20-14, 12-10, 8-6. Soft grip non-slip handles. Factory set auto release at end of crimp cycle.

Item No.	Inch Length	AWG Range	Weight lbs.	Pkg.
43643	Z62000406	220mm/8.6"	26-6	1.02 1



**Wiha Industrial SoftGrip Pliers & Cutters**

Made by Wiha

Maximum comfort in daily use, smooth operation & optimum force transmission without uncomfortable pressure points. Natural brushed finish.



Ergonomic shape for maximum user comfort

New dynamic joint provides 40% easier cuts & significantly longer tool life

Induction hardened cutters

**NEW**  
From Wiha



Anti-slip soft dual material handles for safe gripping

Slip guards molded into grip

40/60  
Dynamic Joint



**Industrial SoftGrip Combination Pliers**



**NEW**  
From Wiha

**309 Industrial Combination Pliers DIN ISO 5746**

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 62HRC. Special CV tool steel. For gripping and holding as well as cutting soft and hard wires and cables. Two component Industrial SoftGrip ergonomic handles.

Item No.		↔	↔	Cutting Capacity	📦	⚖️
		mm	Inch	AWG	Pkg.	lbs.
30901	Z01002160	160	6.3	#9	1	.52
30903	Z01002180	180	7.0	#8	1	.67
30905	Z01002200	200	8.0	#7	1	.83

**Industrial SoftGrip Heavy Duty Combo Pliers**



**NEW**  
From Wiha

**309 Industrial Heavy Duty Combination Pliers DIN ISO 5746**

Larger Head and extra long cutting edges for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 62HRC. Special CV tool steel. For gripping & holding as well as cutting wires & cables ranging in hardness from soft to extremely hard. Two component SoftGrip ergo handles.

Item No.		↔	↔	Cutting Capacity	📦	⚖️
		mm	Inch	Copper AWG	Pkg.	lbs.
30907	Z02002200	200	8.0	#7	1	.81
30909	Z02002225	225	9.0	#6	1	1.02

**Industrial SoftGrip Linemans Crimpers**



**NEW**  
From Wiha

**30912 Industrial Linemans Crimpers DIN ISO 5746**

Extra large head and extra long cutting edges for flat and round cables. Cutting edges additionally induction hardened to approx. 62HRC. Special CV tool steel. For gripping & holding as well as cutting wires & cables ranging in hardness from soft to extremely hard. Two component SoftGrip ergo handles.

Item No.		↔	↔	Cutting Capacity	📦	⚖️
		mm	Inch	Copper AWG	Pkg.	lbs.
30912	Z01102220	225	9.0	#4	1	1.05

**Industrial SoftGrip Stripping Pliers**



**NEW**  
From Wiha



For stripping up to Ø 5mm/#4 AWG

**30947 Industrial Stripping Pliers DIN ISO 5743**

Heavy duty forged with induction hardened cutting edges for even stripping of insulation. Easy to use adjustment screw allows stripping diameter to be quickly changed. Return spring for effortless use. Special CV tool steel edges. Stripping Diameter: .019" to .393".

Item No.		↔	↔	Stripping Capacity	📦	⚖️
		mm	Inch	Copper AWG	Pkg.	lbs.
30947	Z55002160	160	6.3	#4 - #28	1	.48

**Wiha Industrial SoftGrip Pliers & Cutters**

**Industrial SoftGrip Long Nose Pliers**



**NEW**  
From Wiha

**Industrial SoftGrip Bent Long Nose Pliers**

Angled approx. 40°



**NEW**  
From Wiha

**Industrial SoftGrip Flat Nose Pliers**



**NEW**  
From Wiha

**Industrial SoftGrip Long Round Nose Pliers**



**NEW**  
From Wiha

**Stripping Pliers**



**NEW**  
From Wiha

**309 Industrial Long Nose Pliers With Cutting Edge DIN ISO 5745**

Long nose pliers. Extra long cutters for flat and round wires. Gripping surfaces serrated in parts. Cutting edges additionally induction hardened to approx. 62HRC. Special tool steel. Two component SoftGrip handle.

Item No.	mm	Inch	Cutting Capacity		
			AWG	Pkg. lbs.	
30911	Z05002160	160	6.3	#10	1 .41
30913	Z05002200	200	8.0	#10	1 .56

**309 Industrial Bent Nose Pliers With Cutters DIN ISO 5745**

Long nose pliers angled approx. 40°. Extra long cutting edge for flat and round wires. Gripping surfaces serrated in parts. Cutting edges additionally induction hardened to approx. 62HRC. Special tool steel. Two component SoftGrip handle.

Item No.	mm	Inch	Cutting Capacity		
			Copper AWG	Pkg. lbs.	
30915	Z05102160	160	6.3	#10	1 .42
30917	Z05102200	200	8.0	#10	1 .57

**30919 Industrial Long Flat Nose Pliers DIN ISO 5745**

Extra long head. Gripping surfaces serrated and induction hardened. Special tool steel. Two component SoftGrip handle. Gripping and right-angled bending of wires and sheet metal parts.

Item No.	mm	Inch	Cutting Capacity	
			Pkg.	lbs.
30919	Z07002160	160	6.3	1 .43

**30921 Industrial Long Round Nose Pliers DIN ISO 5745**

Extra long head. Gripping surfaces serrated and induction hardened. Special tool steel. Two component SoftGrip handle. Gripping and bending of wires and sheet metal parts.

Item No.	mm	Inch	Cutting Capacity	
			Pkg.	lbs.
30921	Z09002160	160	6.3	1 .39

**56871 Stripping Pliers**

Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. With opening spring and locking mechanism. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

#56871	mm	Inch	Ø	AWG	Pkg.	lbs.
	180	7.0	0.81-2.59	20-10	5	.15