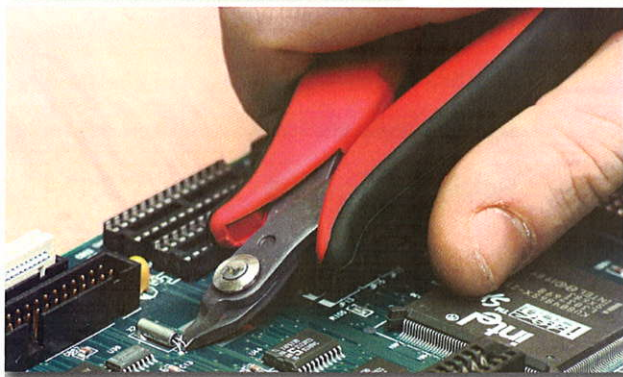
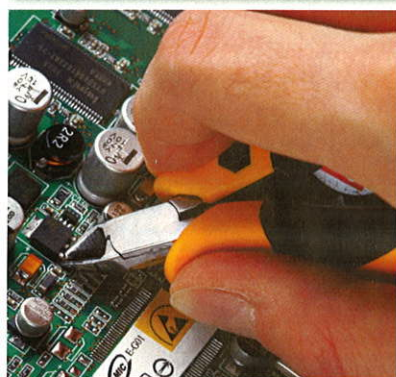
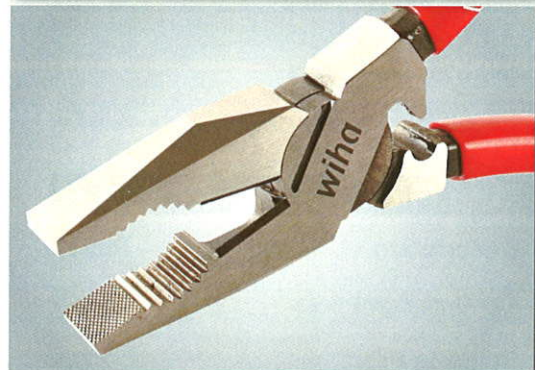




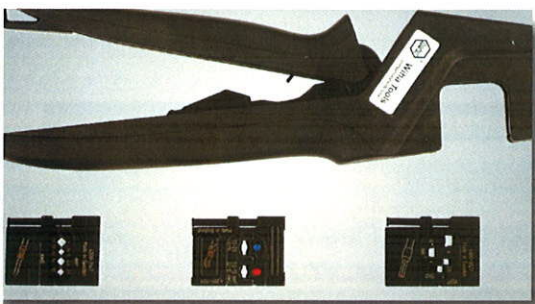
# wiha

Premium Tools












## Professional Pliers/Cutters & Crimpers




*Innovations that work*









**Insulated Pliers/Cutters**

	Description	Page
	Insulated Lineman's Pliers	4
	Insulated Combination Pliers	4
	Insulated Heavy Duty Diagonal Cutters	5
	Insulated High Leverage Diagonal Cutters	5
	Insulated Serrated Edge Cutters	5
	Insulated Pliers - Long & Flat Nose	6
	Insulated Pliers - Bent & Round Nose	6
	Insulated Wire Stripper	6
	Insulated Waterpump Pliers	7
	Insulated Pliers Sets	8
	Insulated Belt Pack Pouch Sets	7


**Insulated Adjustable Wrenches**

	Description	Page
	Insulated Adjustable Wrenches 8", 10", 12", 15" OAL	9

**Insulated Industrial Pliers/Cutters**

	Description	Page
	Insulated Lineman's Pliers	10
	Insulated Long Nose Pliers	10
	Insulated Diagonal Cutters	10
	Insulated High Leverage Cutters	10
	Insulated Serrated Edge Cutters	10
	Insulated Stripping Pliers	10
	Insulated Crimping Pliers	10
	Insulated Industrial Tool Sets	11

**Insulated Inomic Pliers**

	Description	Page
	Insulated Inomic Pliers Inomic Combo Pliers Inomic Long Nose Pliers Inomic Diagonal Cutters	8





**Vinyl Grip Pliers & Cutters**

	Description	Page
	Combination Pliers	12
	Stripping Pliers	13
	Long Nose Pliers	13
	Bent Long Nose Pliers	13
	Long Flat Nose Pliers	13
	Long Round Nose Pliers	13
	Adjustable Pliers	14
	Cable Cutters	15
	Diagonal Cutters	15
	High Lev. End Cutting Nippers	16
	Carpenter's End Nippers	16
	Mason Nippers	16
	Retaining Ring Pliers	18-19
	MagicTip Safety Notched Ring Pliers	20-21
	Crimping Pliers	15,45
	Standard Pliers/Cutters Sets	17
	Belt Pack Pouch Sets	17
	Molded Grip Shears	16












**Pipe Wrenches Narrow Style**

	Description	Page
	Narrow Style Pipe Wrenches S-Jaw, 45° Angle, 90° Angle	22








**ComfortGrip Crimpers**

	Description	Page
	Ratchet End Sleeve Crimper	23
	Ratchet Crimper For Standard Connectors	23
	Ratchet Crimper Push On Terminals	23
	Ratchet Crimper For Eye Terminals	23











**Industrial SoftGrip Pliers & Cutters**

	Description	Page
	Combination Pliers	24
	Linemans Crimpers	24
	Stripping Pliers	24
	Long Nose Pliers	25
	Bent Long Nose Pliers	25
	Flat Nose Pliers	25
	Long Round Nose	25
	Diagonal Cutters	26
	Cable Cutters	26
	Adjustable Pliers	26
	Industrial SoftGrip Tool Sets	27

**Precision Electronic Pliers/Cutters**

	Description	Page
	Electronic Diagonal Cutters Wide Pointed Head	28
	Electronic Diagonal Cutters Wide Shape with Wire Holding Spring	28
	Electronic Diagonal Cutters Narrow Shape	28
	Electronic Diagonal Cutters Full Flush Cutters w/Wire Trapping Spring	29
	Electronic Diagonal Cutters 48° Front Cutter/Long Nose Pliers	29
	Electronic Diagonal Cutters Oblique 30° Cutting Nippers	29
	Electronic Diagonal Cutters Short Nose Precision Pliers	29
	Electronic Stripping Pliers	25,29

**ESD Safe Pliers/Cutters**

	Description	Page
	ESD Safe Diagonal Cutters Small, Wide & Oval Tapered Head	30-32
	ESD Safe Diagonal Cutters With Carbide Cutters	32
	ESD Safe Oblique Angled Cutters	33
	ESD Safe Oblique Front Cutters	33
	ESD Safe End Cutters	34
	ESD Safe Snipe/Bent Nose Pliers	34
	ESD Safe Needle Nose Pliers	34
	ESD Safe Short Round Nose	35
	ESD Safe Short Flat Nose	35
	ESD Safe Tool Sets	33,35

**ESD Safe Protturn Pliers & Cutters**

	Description	Page
	Protturn Wire Strippers 30 to 20 AWG	36
	Protturn Pliers Long, Flat, Bent, Round Nose	36-37
	Precision Cutters/Flush Cut 21° & 45° Angle	37-38

**Stripping & Crimping Tools**

	Description	Page
	PortaCrimp Frame	39
	PortaCrimp Dies	40-42
	PortaCrimp Sets	39
	Professional Crimp Tools	42
	Crimping Tools	43-45
	Self Adj. Cut & Strip Tools	46

**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



Safety slip guard

Cutters additionally induction hardened

 **1000V**

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**



**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.		↔	↔	Cutting Capacity mm2 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**

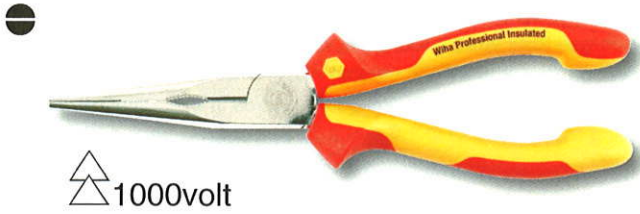


 1000volt

**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,  $\Delta$  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.	Length		Cutting Capacity		Pkg.	lbs.
	mm	Inch	Copper	AWG		
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,  $\Delta$  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.	Length		Cutting Capacity		Pkg.	lbs.
	mm	Inch	Copper	AWG		
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,  $\Delta$  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.	Length		Pkg.	lbs.
	mm	Inch		
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,  $\Delta$  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.	Length		Pkg.	lbs.
	mm	Inch		
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**



**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**



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**

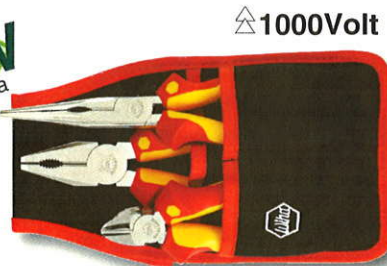
Item No.	Width	Height	↔	↔
No.	Size	Size	lbs.	pkg.
91256	3.5 x	6.75	.15	1 \$5.98

**Wiha Insulated Belt Pack Pouch Sets**



**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	



**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 8.0" / 200mm Combination Pliers
lbs. 2.07	



**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**

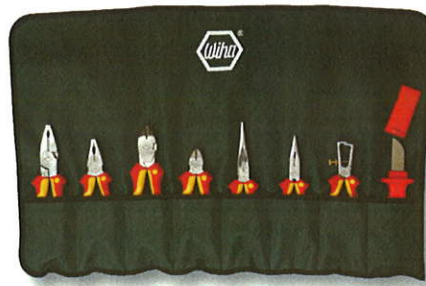


- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.
- In zipper carry case

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.

<b>Item# 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.

<b>Item# 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



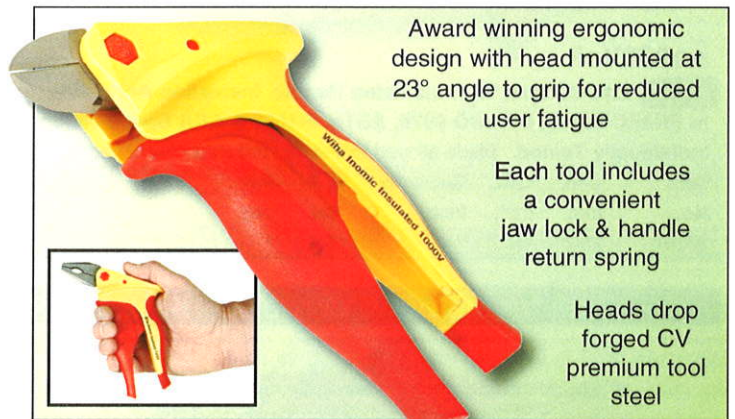
1000volt

**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

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

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.

<b>Item# 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

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

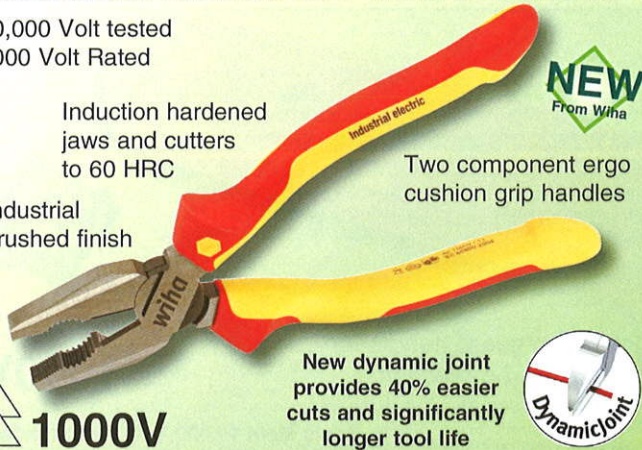
Induction hardened jaws and cutters to 60 HRC

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



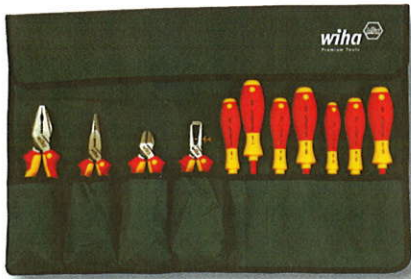
 **1000volt**

**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



**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

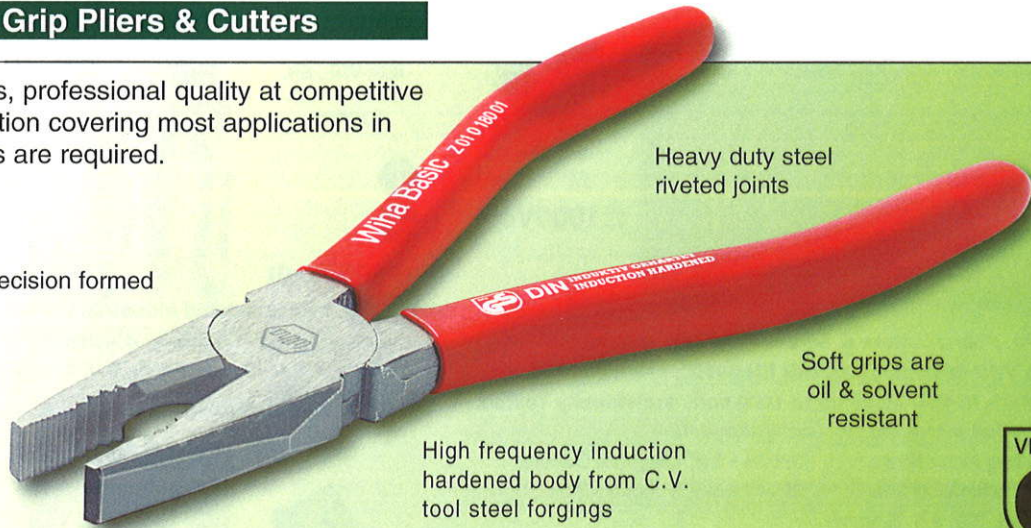
**32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers**

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

Heavy duty steel riveted joints

Soft grips are oil & solvent resistant

Jaws and cutters induction hardened

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"**



**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		

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

**Rapid Adjustable - Push Button Pliers**



**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		

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



**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	∅	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

#32611

**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**




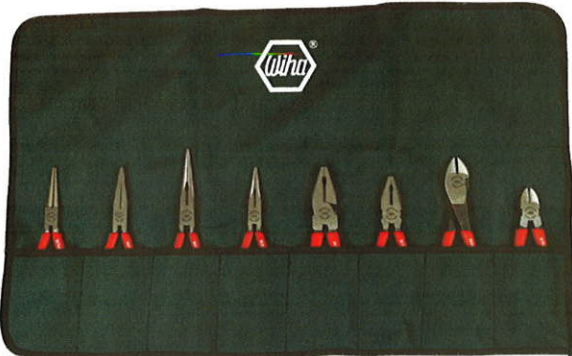
Durable Canvas Belt Pack Pouch



**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



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.

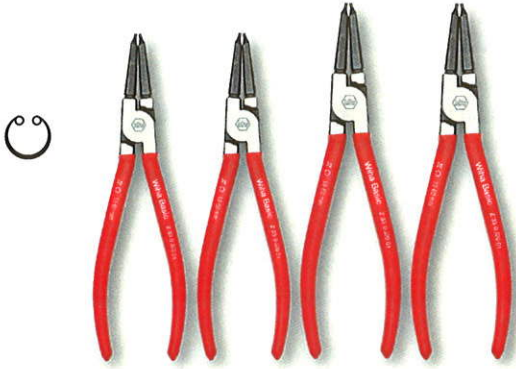
Item No.	mm	Inch	Inch	mm	● Tip Inch/mm	Pkg.	lbs.
32694	139	5.5	1/8-3/8	3-10	.035/.9	1	.28
32695	140	5.5	3/8-1	10-25	.050/1.3	1	.28
32696	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.44
32697	225	8.9	1 1/2-4	40-100	.090/2.3	1	.63
32666	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.16

**Wiha Forged Retaining Ring Pliers**



**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.

<b>Item# 32693</b> 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

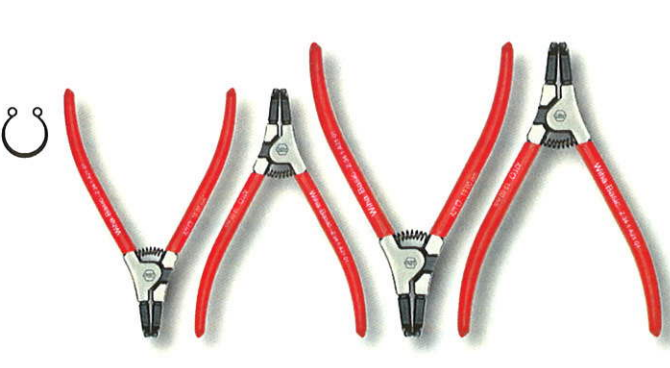


**32626 4 Piece Straight Internal Ring Pliers Set** Shape C, straight tips. Die forged cylindrical precision formed. Chrome-vanadium special tool steel. For inserting & removing internal retaining rings.

<b>Item# 32626</b> 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

**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.

<b>Item# 32628</b> 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



**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.

<b>Item# 32627</b> 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

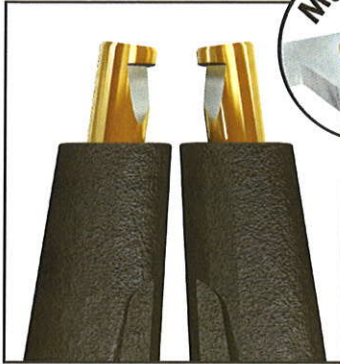
**32629 4 Piece 90° Angle External Ring Pliers Set** Shape B, 90° angled tips. Die forged cylindrical precision formed. CV special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

<b>Item# 32629</b> 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.

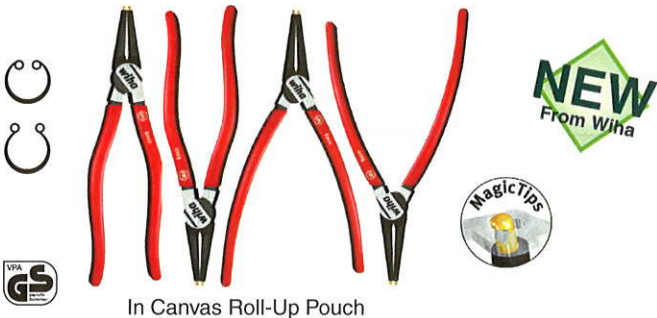
Item No.		← →	↔	⊙	● Tip	↔	↔
		mm	Inch	Inch	mm	Inch/mm	Pkg. lbs.
34618	Z344A0001	140	5.5	1/8-3/8	3-10	.035/.9	1 .20
34619	Z344A1001	140	5.5	3/8-1	10-25	.050/1.3	1 .20
34620	Z344A2001	185	7.3	3/4-2 3/8	19-60	.070/1.5	1 .34
34621	Z344A3001	240	9.5	1 1/2-4	40-100	.090/2.3	1 .57
34622	Z344A4001	300	11.8	3.5-5.5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

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



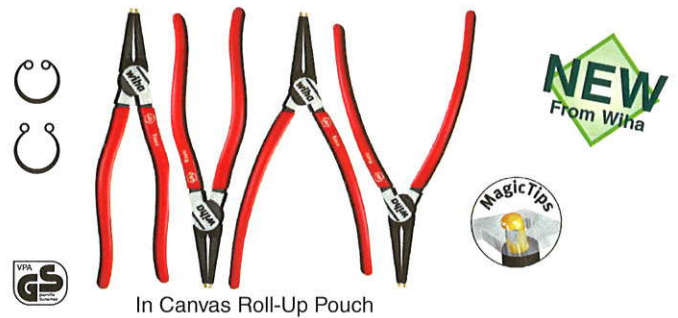
**346 MagicTip 90° Angled External Safety Ring Pliers DIN ISO 5254**  
Shape B, 90° angled tips. Precision machined tips of Chrome-vanadium special tool steel. For fitting & removing external retaining rings. Soft vinyl grips.

Item No.		← →	↔	⊙	● Tip	↔	↔
		mm	Inch	Inch	mm	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



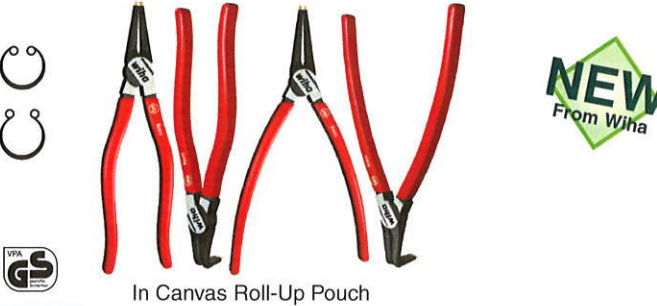
**34651 4 Pc. Straight Safety & Standard Ring Pliers Set**  
Shape A & C, straight tips. Precision machined tips of Chrome-vanadium special tool steel. For inserting & removing retaining rings.

Item# 34651	Set Includes:	↔	lbs. 1.54
34609	1/2-1" / 12-25mm / tip .050	34619	3/8-1" / 10-25mm / tip .050
34610	3/4-2 3/8" / 19-60mm / tip .070	34620	3/4-2 3/8" / 19-60mm / tip .070



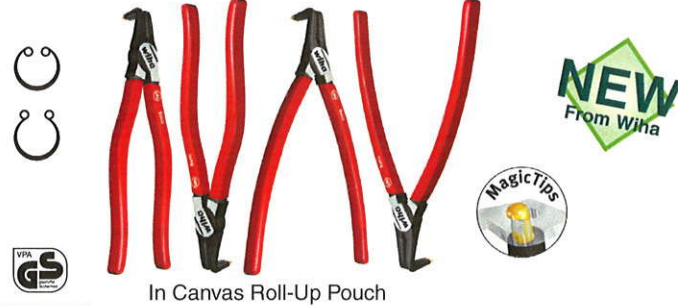
**34653 4 Pc. Straight Safety & Standard Ring Pliers Set**  
Shape A & C, straight tips. Precision machined tips of Chrome-vanadium special tool steel. For inserting & removing retaining rings.

Item# 34653	Set Includes:	↔	lbs. 1.54
34608	5/16-1/2" / 8-13mm / tip .035	34618	1/8-3/8" / 3-10mm / tip .035
34610	3/4-2 3/8" / 19-60mm / tip .070	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# 34652	Set Includes:	↔	lbs. 1.27
34609	1/2-1" / 12-25mm / tip .050	34619	3/8-1" / 10-25mm / tip .050
34614	90° 1/2-1" / 12-25mm / 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# 34654	Set Includes:	↔	lbs. 1.54
34613	5/16-1/2" / 8-13mm / tip .035	34623	1/8-3/8" / 3-10mm / tip .035
34615	3/4-2 3/8" / 19-60mm / tip .070	34625	3/4-2 3/8" / 19-60mm / tip .070



**Wiha Pipe Wrenches Narrow Style**

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

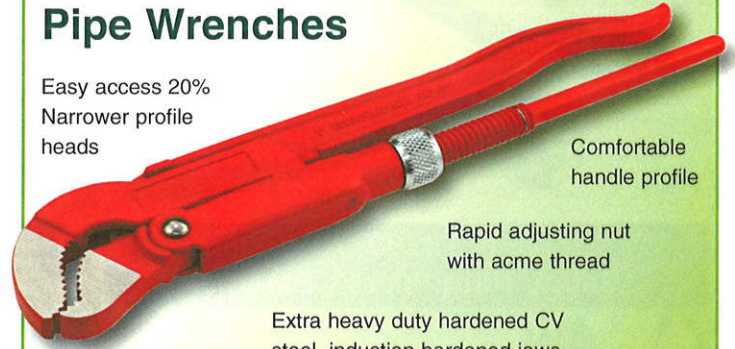


**329 Pipe Wrenches Narrow Style / S-Jaw**

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	lbs.	Pkg.
43612	Z62000106	220mm/8.6"	26-8	1.18 1

**Ratchet Crimper Push On Terminals**



Crimp Profile  
"F"/"B"

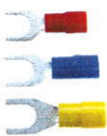


**43624 Ratchet Crimper Push On Terminals**

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	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	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	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**

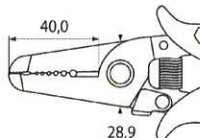


**NEW**  
From Wiha

**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.	Z05002160	200	Cutting Capacity		Pkg.	lbs.
			mm	Inch		
			AWG			
<b>30911</b>	Z05002160	160	6.3	#10	1	.41
<b>30913</b>	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.	Z05102160	200	Cutting Capacity		Pkg.	lbs.
			mm	Inch		
			Copper AWG			
<b>30915</b>	Z05102160	160	6.3	#10	1	.42
<b>30917</b>	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.	Z07002160	160	Cutting Capacity		Pkg.	lbs.
			mm	Inch		
<b>30919</b>	Z07002160	160	6.3	#10	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.	Z09002160	160	Cutting Capacity		Pkg.	lbs.
			mm	Inch		
<b>30921</b>	Z09002160	160	6.3	#10	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.

Item No.	56871	180	7.0	Ø	AWG	Pkg.	lbs.
<b>56871</b>		180	7.0	0.81-2.59	20-10	5	.15

**Wiha Industrial SoftGrip Pliers & Cutters**

**Industrial SoftGrip Diagonal Cutters**



**309 Industrial Diagonal Cutters DIN ISO 5749**

Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening to approx. 62HRC. Special CV tool steel forgings hardened and tempered. For soft & medium hard wire.

Item No.		↔	↔	Cutting Capacity	☐	↕
		mm	Inch	Copper AWG	Pkg.	lbs.
30923	Z12002140	140	5.5	#8	1	.45
30925	Z12002160	160	6.3	#7	1	.57
30927	Z12002180	180	7.0	#6	1	.69

**Industrial SoftGrip H. Leverage Diag. Cutters**



**309 Industrial High Leverage Diagonal 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 cutting edges are achieved through additional induction hardening to approx. 62HRC. C60 special CV tool steel hardened and tempered.

Item No.		↔	↔	Cutting Capacity	☐	↕
		mm	Inch	AWG	Pkg.	lbs.
30929	Z16002160	160	6.3	#6	1	.57
30931	Z16002180	180	7.0	#6	1	.68
30933	Z16002200	200	8.0	#6	1	.89

**Industrial SoftGrip Cable Cutters**

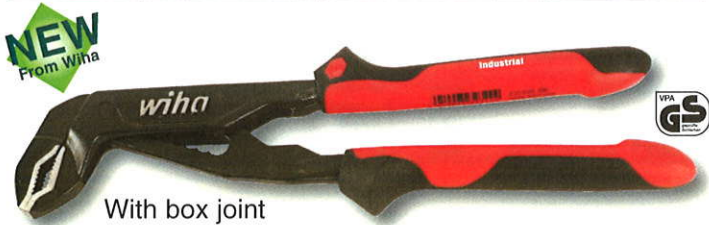


**309 Industrial Cable Cutters DIN ISO 5749**

Energy saving & clean cutting cable cutters with specially ground precision cutting edges. Long life cutting edges are achieved through additional induction hardening to approx. 62HRC. C60 special CV tool steel hardened and tempered. Two component SoftGrip ergo handle.

Item No.		↔	↔	Cutting Capacity	☐	↕
		mm	Inch	Copper/Aluminum	Pkg.	lbs.
30926	Z50102160	160	6.3	16mm	1	.56
30928	Z50102200	200	8.0	20mm	1	.87

**Industrial SoftGrip Standard Adj. Pliers**

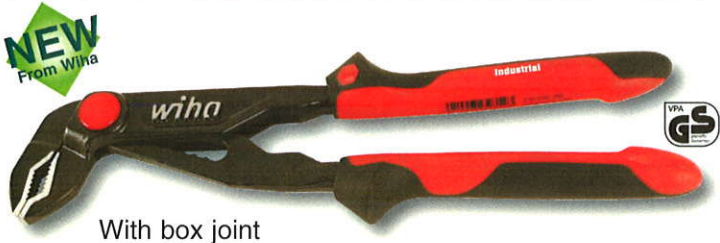


**30937 Industrial Adjustable Pliers DIN ISO 8976**

10 opening settings provides optimal adjustment to objects being gripped. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Chrome-vanadium tool steel forgings, hardened and tempered. Two component SoftGrip ergonomic handle. Black finish.

Item No.		↔	↔	Capacities	☐	↕
		mm	Inch	Round Hex	Pkg.	lbs.
30937	Z21002250	250	10.0	1 3/4" 2"	1	.94

**Industrial SoftGrip Push Button Adj. Pliers**



**30943 Industrial Slide Lock Adjustable Pliers - Box Joint - With Push Button Setting. DIN ISO 8976**

Extra narrow head for working small spaces. Rapid and simple push button setting and locking. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Finger jam protection for safe operation at all settings. CVM tool steel forgings, hardened and tempered. SoftGrip handles.

Item No.		↔	↔	Capacities	☐	↕
		mm	Inch	Round Hex	Pkg.	lbs.
30943	Z22025005	250	10.0	1 3/4" 2"	1	.95

Made by Wiha

**ComfortGrip Slide Lock Adjustable Pliers**

With box joint



Rapid adjust

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

**32969 Slide Lock Adjustable Pliers - Wiha QuickFix - Box Joint 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 at all settings. Chrome-vanadium tool steel forgings, hardened and tempered. Chrome finish with ergonomic ComfortGrip handles.

Item No.	Capacities		Pkg.	lbs.
	mm	Inch		
32969	Z23025005	250 10.0	1 1/4" 1 1/2"	1 .80

**Industrial SoftGrip Pliers & Cutters Sets**



**30993 3 Piece Industrial SoftGrip Pliers & Cutters Set** Maximum comfort in daily use, smooth operation and optimum force transmission without uncomfortable pressure points. Cutters additionally induction hardened. Anti-slip soft dual material handles for safe gripping, ergonomic shape for maximum user comfort.

Item#	Set Includes:	lbs.
30905	Combination Pliers - 8.0"	1.76
30925	Diagonal Cutters - 6.3"	
30911	Long Nose Pliers - 6.3"	



**30990 4 Piece Industrial SoftGrip Pliers & Cutters Set** Maximum comfort in daily use, smooth operation and optimum force transmission without uncomfortable pressure points. Cutters additionally induction hardened. Anti-slip soft dual material handles for safe gripping, ergonomic shape for maximum user comfort.

Item#	Set Includes:	lbs.
30990	9.0" - Heavy Duty Combination Pliers 8.0" - Long Nose Pliers 8.0" - High Leverage Diagonal Cutters 7.0" - ComfortGrip Stripping Pliers	2.81

**Industrial SoftGrip Pliers & Cutters Sets**



**30998 8 Piece Industrial SoftGrip Pliers & Cutters Set** Maximum comfort in daily use, smooth operation and optimum force transmission without uncomfortable pressure points. Cutters additionally induction hardened. Anti-slip soft dual material handles for safe gripping, ergonomic shape for maximum user comfort.

Item#	Set Includes:	lbs.
30998	6.3" - Combination Pliers 9.0" - Heavy Duty Combination Pliers 6.3" - Long Nose Pliers 8.0" - Long Nose Pliers 5.5" - Diagonal Cutters 8.0" - High Leverage Diagonal Cutters 10.0" - Adjustable Pliers 7.0" - ComfortGrip Stripping Pliers	4.91



**30991 18 Piece Industrial SoftGrip Pliers/Cutters, Screwdrivers & Wrenches Set** Maximum comfort in daily use, smooth operation and optimum force transmission without uncomfortable pressure points. Cutters additionally induction hardened. Anti-slip soft dual material handles for safe gripping, ergonomic shape for maximum user comfort.

Item#	Set Includes:	lbs.
30991	8.0" - Combination Pliers 6.3" - Long Nose Pliers 6.3" - Diagonal Cutters 10.0" - Adjustable Pliers Slotted: 5/32, 1/4" Phillips: 1, 2 Torx: T15, T20, T25 Square: 1, 2 Wrenches: 1/4"x5/16", 3/8x7/16", 1/2x9/16", 3/4x7/8"	6.76

**Wiha Precision Electronic Pliers & Cutters**

Electronics pliers with cutting edges are designed especially for cutting soft to medium hard wires.

C70 tool steel HR60 hardness

Glare free black finish

Precision ground cutting edges for smooth cuts



**The Comfortable Precision Pliers & Cutters**

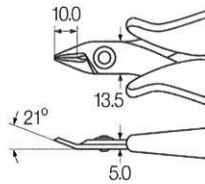


Velvet soft ergonomically designed multi component handle

Lay-on, riveted precision joint

Light weight design for maximum user comfort in production work

**Electronic Diagonal Cutters**

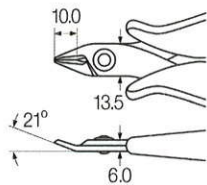


Full Flush

**56818 Precision Electronic Diagonal Cutters, Wide Pointed Head**  
Cutting edge - full flush. With return spring. C70 special tool steel. For an absolutely flush cut of copper wire.

#56818	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.22

**Electronic Diagonal Cutters**

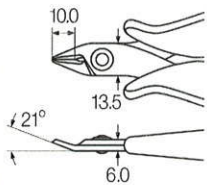


Semi Flush

**56815 Precision Electronic Diagonal Cutters, Wide Pointed Head**  
Cutting edge - semi flush. With return spring. C70 special tool steel. Universal small diagonal cutter for cutting copper wires.

Item No.	mm	Inch	Cut Capacity	Medium Hard Wire	Pkg.	lbs.
#56815	138	5.5	2.0mm/12AWG	0.8	5	.23

**Electronic Diagonal Cutters**

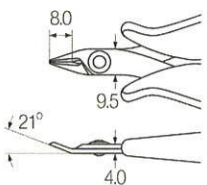


Full Flush

**56825 Precision Electronic Diagonal Cutters, Wide Shape With Wire Holding Spring** Wide, Pointed head. Cutting edge - full flush. With return spring & fixture for holding ends of wires that have been cut off. C70 special tool steel. For an absolutely flush cut of copper wire.

#56825	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.23

**Electronic Diagonal Cutters**



Full Flush

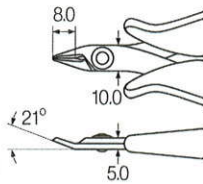
**56812 Precision Electronic Diagonal Cutters, Narrow Shape** Extra narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. With return spring. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#56812	mm	Inch	Cut Capacity	Pkg.	lbs.
	118	4.5	0.8mm/20AWG	5	.19

**Electronic Diagonal Cutters**



Wire Holding Spring

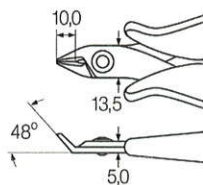


Full Flush

**56813 Precision Electronic Diagonal Full Flush Cutters With Wire Trapping Spring** Extra narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. With return spring. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#56813	mm	Inch	Cut Capacity	Pkg.	lbs.
	128	5.0	1.0mm/18AWG	5	.19

**Electronic Oblique 48° Cutter**



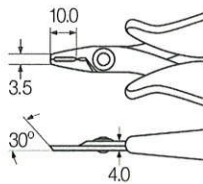
Full Flush

**56833 Electronic Oblique 48° Cutter**

Wide pointed head. Cutting edge - full flush. With cutting edge at 48° for cutting obliquely from above or from the side. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#56833	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.22

**Narrow Front Cutter/Long Nose Pliers**



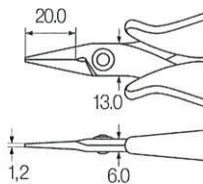
Full Flush

**56830 Electronic Narrow 30° Front Cutter / Long Nose Pliers**

Extremely narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. Edge at 30° to face end of pliers for cutting obliquely from above or from the side. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#56830	mm	Inch	Cut Capacity	Pkg.	lbs.
	118	4.5	0.6mm/22AWG	5	.19

**Electronic Pointed Pliers**

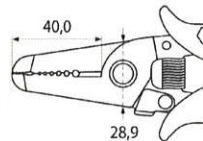


**56801 Electronic Short Nose Precision Pliers**

Narrow, short head. Smooth jaws. Width at tip is only 1.2mm. C70 special tool steel. For holding small components as well as for holding and angling wires.

#56801	mm	Inch	Pkg.	lbs.
	138	5.5	5	.23

**Electronic Stripping Pliers**



**56871 Electronic 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

**NEW**  
From Wiha

**Wiha ESD Safe Pliers & Cutters**



Box joint for longer tool life & endurance, mirror polished finish

ESD standard IEC 61340-5-1

Two component handle with non-slip soft grip surface, protects the hand and reduces manual effort & user fatigue

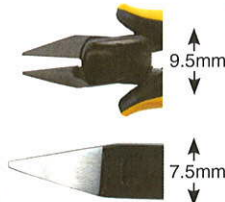
Welded double leaf spring

Hardened & annealed high carbon tool steel, induction hardened cutting edges




**Precision Cutters Tapered Head**

Semi Flush



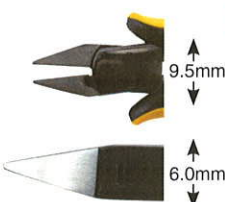
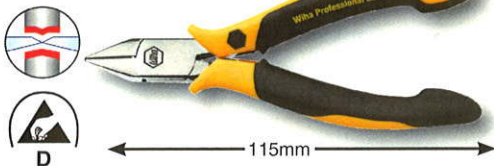
**32703 Precision Cutters, Small Tapered Head, Semi Flush**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32703	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

**Precision Cutters Tapered Head**

Flush



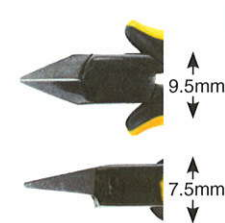
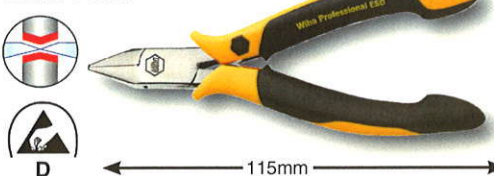
**32705 Precision Cutters, Small Tapered Head, Flush**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32705	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

**Precision Cutters Tapered Head**

Semi Flush



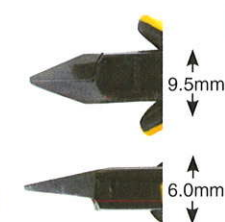
**32702 Precision Cutters, Small Tapered Head With Hollow Ground Back, Semi Flush**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32702	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

**Precision Cutters Tapered Head**

Flush



**32704 Precision Cutters, Small Tapered Head With Hollow Ground Back, Flush**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32704	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

**Wiha ESD Safe Pliers & Cutters**

**Precision Cutters Wide Tapered Head**

Bevel



↑ 11.5mm  
↓  
↑ 7.5mm  
↓

**#32706 Precision Cutters, Wide Tapered Head, Bevel**  
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32706	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.4	11.0mm	1	.20

**Precision Cutters Wide Tapered Head**

Flush



↑ 11.0mm  
↓  
↑ 7.5mm  
↓

**#32708 Precision Cutters, Wide Tapered Head, Flush**  
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32708	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.19

**Precision Cutters Wide Tapered Head**

Full Flush



↑ 11.0mm  
↓  
↑ 7.5mm  
↓

**#32710 Precision Cutters, Wide Tapered Head, Full Flush**  
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32710	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	11.0mm	1	.23

**Precision Cutters Wide Tapered Head**

Flush



↑ 11.5mm  
↓  
↑ 7.5mm  
↓ (10.8mm w/wire)

**#32711 Precision Cutters, Wide Tapered Head With Wire Trapping Device, Flush**  
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32711	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.19

**Precision Cutters Slim Oval Form**

Flush



↑ 10.5mm  
↓  
↑ 7.5mm  
↓

**#32712 Precision Cutters, Slim Oval Head, Flush**  
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32712	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	10.5mm	1	.23

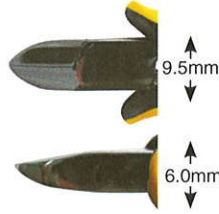
**Wiha ESD Safe Pliers & Cutters**

**Precision Cutters Slim Oval Form**

Full Flush



115mm



**32714 Precision Cutters, Slim Oval Head, Full Flush**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

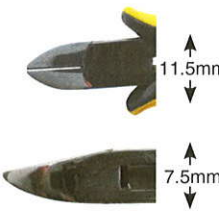
#32714	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	10.0mm	1	.23

**Precision Cutters Slim Oval Form**

Bevel



115mm



**32716 Precision Cutters, Wide Oval Head, Bevel**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

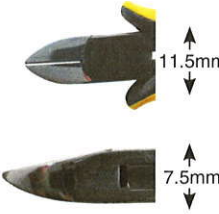
#32716	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.4	11.0mm	1	.19

**Precision Cutters Wide Oval Form**

Flush



115mm



**32720 Precision Cutters, Wide Oval Head, Flush**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

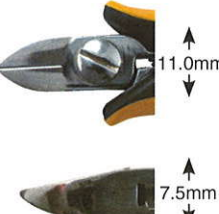
#32720	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.19

**Precision Cutters Wide Oval Form And Carbide Edge**

Bevel



110mm



**32718 Precision Cutters, Wide Oval Head Carbide Cutting Edges, Bevel**

Cutters drop-forged for an ideal material structure. Precise aligned carbide cutting edge. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

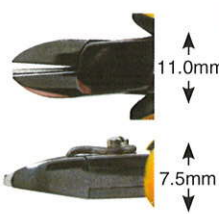
#32718	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	110	4 3/8	1.6	11.0mm	1	.20

**Precision Cutters Wide Oval Form**

Flush



115mm



**32721 Precision Cutters, Wide Oval Head With Wire Trapping Device, Flush**

Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

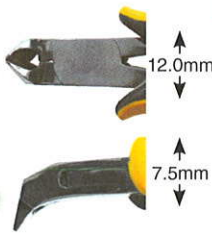
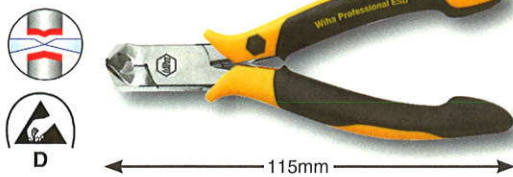
#32721	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.23



**Wiha ESD Safe Pliers & Cutters**

**Oblique Angled Cutters**

Flush



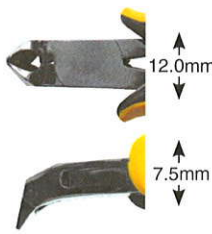
**32722 Oblique Angled Cutters, 29°, Flush**

Oblique Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32722	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	12.0mm	1	.24

**Oblique Angled Cutters**

Ultra Full Flush



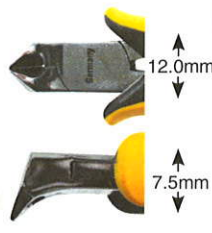
**32724 Oblique Angled Cutters, 29°, Full Flush**

Oblique Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32724	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	12.0mm	1	.24

**Oblique Angled Cutters**

Semi Flush



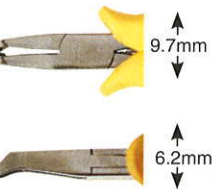
**32726 Oblique Angled Cutters, 29°, Short Head, Semi Flush**

Oblique Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32726	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	12.0mm	1	.24

**Oblique Front Cutters**

Flush

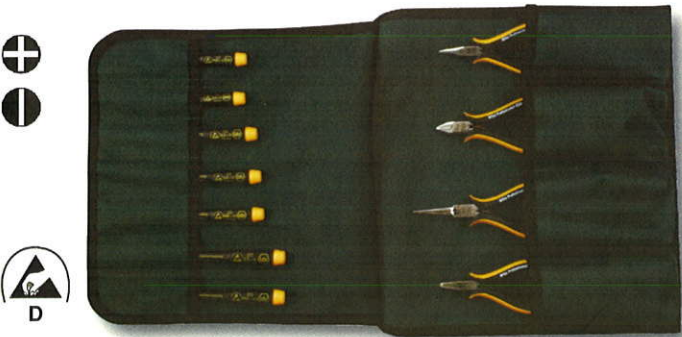


**32728 Oblique Front Cutters, Very Small Head, 40°, Flush**

Oblique Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32728	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	130	5.1	0.6	8.5mm	1	.21

**ESD Safe Tool Set In Canvas Pouch**



**32793 11 Piece Set, 4 ESD Safe Pliers, Slotted & Phillips Screwdrivers**

Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. ESD standard IEC 61340-5-1

#32793 11 piece ESD Safe Pliers & Slotted/Phillips Precision Drivers Set in custom case includes:

**ESD Safe Pliers & Cutters**

32705 4.5" Tapered Flush Cutters	32742 4.5" Snipe Nose Pliers
32728 4.375" Oblique Cutters	32746 5.7" Long Nose Pliers

**ESD Safe Screwdrivers**

27220 Slotted 2.0mm	27305 Phillips #00
27225 Slotted 2.5mm	27310 Phillips #0
27230 Slotted 3.0mm	27320 Phillips #1
27235 Slotted 3.5mm	

↕ lbs. 2.43

**Wiha ESD Safe Pliers & Cutters**

**End Cutters Extra Slim**

Semi Flush



130mm

Tip Width

7.0mm

2.9mm

6.0mm

**#32732 End Cutters, Extra Slim, Semi Flush**

End Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32732	mm	Inch	Copper	Tip Wdth	Pkg.	lbs.
	130	5.1	0.6	4.1mm	1	.16

**End Cutters Wide Head**

Flush



115mm



11.5mm



16.5mm

7.5mm

**#32734 End Cutters, Wide Head, Flush**

End Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32734	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.4	11.0mm	1	.18

**ESD Safe Pliers**

Short Snipe Nose



120mm



9.5mm



6.5mm

**#32742 ESD Safe Pliers, Short Snipe Nose (Chain Nose) Straight, Serrated Jaws**

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32742	mm	Inch	Head Wdth	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.20

**ESD Safe Pliers**

Bent Snipe Nose 45°



120mm



9.5mm



6.5mm

**#32744 ESD Safe Pliers, Snipe Nose (Chain Nose) Bent 45°, Smooth Jaws**

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32744	mm	Inch	Head Wdth	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.20

**ESD Safe Pliers**

Long Needle Nose



145mm



12.0mm



7.5mm

**#32746 ESD Safe Pliers, Long Needle Nose Pliers, Straight, Serrated Jaws**

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32746	mm	Inch	Head Wdth	Pkg.	lbs.
	145	5 3/4	12.0mm	1	.27

**Wiha ESD Safe Pliers & Cutters**

**ESD Safe Pliers**

Needle Nose, Bent 90°



**32748 ESD Safe Pliers, Needle Nose Pliers, Bent 90°, Smooth Jaws**

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32748	mm	Inch	Head Wdth	Pkg.	lbs.
	145	5 3/4	12.0mm	1	.21

**ESD Safe Pliers**

Short Round Nose Pliers



**32750 ESD Safe Pliers, Short Round Nose Pliers, Smooth Jaws**

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32750	mm	Inch	Head Wdth	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.17

**ESD Safe Pliers**

Short Flat Nose Pliers



**32752 ESD Safe Pliers, Short Flat Nose Pliers, Smooth Jaws**

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32752	mm	Inch	Head Wdth	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.16



**32790 4 Piece ESD Safe Pliers Set In Custom Case** Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. ESD Safe Dissipative. ESD standard IEC 61340-5-1

#32790 4 piece ESD Safe Pliers Set

Set includes:

- 32716 4.5" Oval Side Cutters
- 32746 5.75" Long Nose Pliers
- 32752 4.75" Flat Nose Pliers
- 32728 4.375" Oblique Cutters

↔ lbs. 2.06



ESD standard IEC 61340-5-1



**32791 11 Pc. Set, 4 ESD Safe Pliers, SYSTEM 4 Slotted & Phillips**

**5 Pc. Set & 2 ESD Safe Tweezers** Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. ESD Safe Precision handle & 4 CVM tool steel blades. Tweezers anti-static conductive, ESD Safe Hypo allergenic, anti-magnetic stainless.

#32791 11 piece ESD Safe Pliers, Tweezers & SYS 4 precision Set in custom case includes:

**ESD Safe Pliers & Cutters**

- 32716 4.5" Oval Side Cutters
- 32746 5.75" Long Nose Pliers
- 32752 4.75" Flat Nose Pliers
- 32728 4.375" Oblique Cutters

**SYSTEM 4 Set in separate pouch**

28000 ESD Safe Conductive Precision Handle

Slotted: 1.5, 2.0, 3.0 & 4.0

Phillips: 000, 00, 0 & 1

**ESD Safe Tweezers:** 44501 AA SA ESD 44510 7a SA ESD

↔ lbs. 2.43

**Wiha ESD Safe Protturn Pliers & Cutters**

**protturn**

**NEW**  
From Wiha



Tested ESD Safe handle with non-slip soft grip surface, protects the hand and reduces manual effort & user fatigue

Glare free black finish

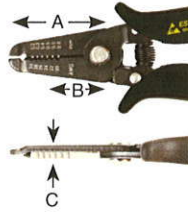
Hardened steel return spring

ESD standard IEC 61340-5-1



Surface resistance of handles is  $10^6 - 10^9$  Ohms

**ESD Safe Wire Stripper**

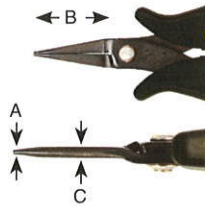


**45810 Protturn ESD Safe Wire Stripper**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips. Strips 0.2, 0.3, 0.4, 0.5, 0.6, 0.8mm

#45810	mm	Inch	Strips AWG	A	B	C	Pkg.	lbs.
	165	6.5	30 to 20	30mm	12mm	4mm	1	.25

**ESD Safe Long Nose Pliers**

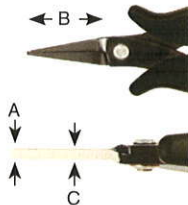


**45811 Protturn ESD Safe Long Nose Pliers**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45811	mm	Inch	A	B	C	Pkg.	lbs.
	160	6.3	2mm	30mm	3mm	1	.18

**ESD Safe Flat Nose Pliers**



**45812 Protturn ESD Safe Flat Nose Smooth Jaws Pliers**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

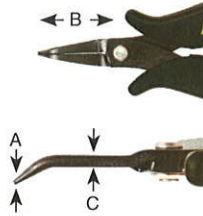
#45812	mm	Inch	A	B	C	Pkg.	lbs.
	160	6.3	2mm	32mm	3mm	1	.18

**Wiha ESD Safe Protturn Pliers & Cutters**

Surface resistance of handles is 10<sup>6</sup> - 10<sup>9</sup> Ohms



**ESD Safe Bent Nose Pliers**

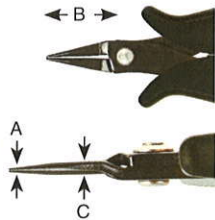
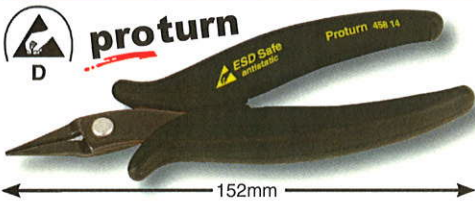


**45813 Protturn ESD Safe Bent Nose Pliers**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45813	mm	Inch	A	B	C	Pkg.	lbs.
	152	6.0	2mm	30mm	4mm	1	.18

**ESD Safe Round Nose Pliers**

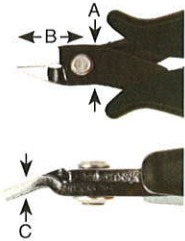


**45814 Protturn ESD Safe Round Nose Pliers**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45814	mm	Inch	A	B	C	Pkg.	lbs.
	152	6.0	2mm	22mm	3mm	1	.17

**ESD Safe Diagonal Cutters**

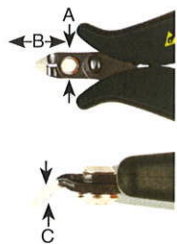


**45820 Protturn ESD Safe 21° Precision Cutters/Flush Cut**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45820	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	127	5.0	18/1mm	13mm	12mm	3mm	1	.16

**ESD Safe Diagonal Cutters**

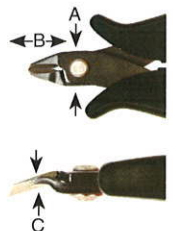


**45821 Protturn ESD Safe 45° Precision Cutters/Flush Cut**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45821	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	127	5.0	18/1mm	10mm	9mm	2mm	1	.14

**ESD Safe Diagonal Cutters**



**45822 Protturn ESD Safe 21° Precision Cutters/Flush Cut**

ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45822	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	140	5.5	16/1.3mm	13mm	12mm	3mm	1	.15

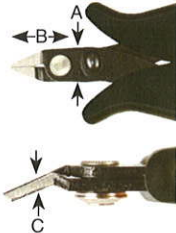


**NEW**  
From Wiha

**Wiha ESD Safe Protturn Pliers & Cutters**

Surface resistance of handles is  $10^6 - 10^9$  Ohms

**ESD Safe Diagonal Cutters**



**45823 Protturn ESD Safe 21° Precision Cutters/Flush Cut**  
ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45823	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	133	5.25	14/1.6mm	10mm	10mm	2mm	1	.14

**ESD Safe Diagonal Cutters**



**45824 Protturn ESD Safe 45° Precision Cutters/Flush Cut**  
ESD standard IEC 61340-5-1. C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

#45824	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	140	5.5	14/1.6mm	13mm	12mm	2.5mm	1	.16

**protturn**



**NEW**  
From Wiha

Surface resistance of handles is  $10^6 - 10^9$  Ohms



**45890 26 Pc. Set, Protturn ESD Safe Pliers, Precision Slotted & Phillips Screwdrivers, Precision Micro Bit Set & ESD Safe Tweezers**

ESD Protturn Pliers glare free, black finish, ESD Safe non-slip soft grips. ESD Safe Precision Slotted & Phillips screwdrivers, CVM tool steel blades. Precision ESD Safe Micro Bit handle holds Micro Bit extension and 4mm Micro bits. Anti-static Tweezer conductive, ESD Safe Hypo allergenic, anti-magnetic stainless.

#45890 26 Piece ESD Safe Pliers, Precision Screwdrivers, Micro Bit Set & ESD Tweezer In Custom Case Includes:

**ESD Safe Protturn Strippers, Pliers & Cutters**

- 45810 - 6.5" Wire Stripper
- 45811 - 6.3" Long Nose Pliers
- 45813 - 6.0" Bent Nose Pliers
- 45823 - 5.25" 21° Precision Cutters

**ESD Safe Slotted & Phillips Precision Screwdrivers**

- Slotted: 2.0, 2.5, 3.0mm
- Phillips: 0, 1

**ESD Micro Bit Handle, Micro Bit Extension & 14 Micro Bits 4mm**

- Hex: .7, .9, 1.3, 1.5, 2.0, 2.5, 3.0
- Torx: T4, T5, T6, T7, T8, T9, T10

**ESD Safe Tweezer:** 44532 00 SA ESD - 120mm Heavy Duty Strong, Tapered To Strong Point

lbs. 2.05

**Wiha Canvas Pouches**



**91201 Roll-Up Pouch** Wiha canvas roll-up pouch has 8 pockets

Item No.	Width Size	Height Size	Weight lbs.	Quantity pkg.
91201	26.75 x	16.5	.60	1



**91205 Belt Pack Pouch**

Wiha canvas belt pack pouch holds 3 Pliers & 2 Screwdrivers

Item No.	Width Size	Height Size	Weight lbs.	Quantity pkg.
91205	5.25 x	9.5	.19	1

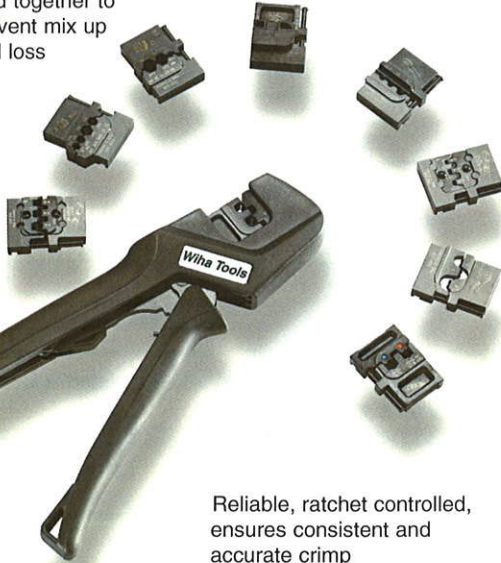
**PortaCrimp Dies, Frame & Sets**

**PortaCrimp Tools**

Parallel action mimics applicator type performance



One piece dies - held together to prevent mix up and loss



Tested to 50,000 Crimps

Reliable, ratchet controlled, ensures consistent and accurate crimp



- **Top Quality:** 50,000 cycle tested frame for longest life & consistent performance
- **Reliable:** Parallel, full cycle, ratchet controlled action ensures consistent accurate crimps
- **Easy To Use:** Designed to give user full visibility of the crimping process
- **Versatile:** Quickly and easily inter-change crimp dies on the job
- **No More Lost Die Parts!** Practical design uses guide pin to keeps die components together
- **Practical:** Pocket size dies are compact & easy to carry
- **Ergonomic:** Reduced effort ratchet assisted crimping use one hand or two with extended grip
- **Economical:** One tool frame to do the job of many, select only the dies you need

**PortaCrimp Tool Sets**



**43190 4 Piece PortaCrimp Die Set Electrical**

Reliable, ratchet controlled, ensures consistent and accurate crimp.

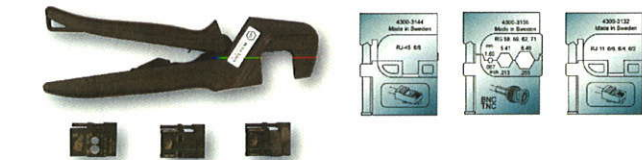
Item No.	Set includes: Tool frame &	lbs.	Pkg.
43190	43129, 43128, 43142	5.0	1



**43191 4 Piece PortaCrimp Die Set Industrial**

Reliable, ratchet controlled, ensures consistent and accurate crimp.

Item No.	Set includes: Tool Frame &	lbs.	Pkg.
43191	43129, 43127, 43147	5.0	1



**43192 4 Piece PortaCrimp Die Set Data Com Telco**

Reliable, ratchet controlled, ensures consistent and accurate crimp.

Item No.	Set includes: Tool Frame &	lbs.	Pkg.
43192	43144, 43136, 43132	5.0	1

**PortaCrimp Tool Frame**



**43149 PortaCrimp Tool Frame** Parallel action frame gives better performance. Symmetrical pressure with equal force mimics applicator performance. One piece die held together to prevent mix up and loss.

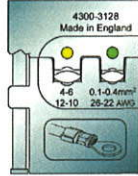
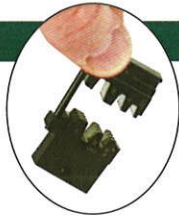
#43149	mm	Inch	lbs.	Pkg.
	234	9.75	1.1	1



Each die includes storage clip

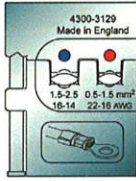
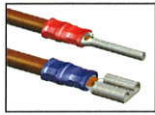
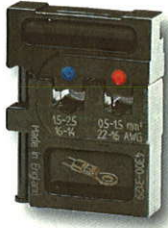
**PortaCrimp Dies**

One piece die, held together to prevent mix up & loss. Easily interchangeable crimp dies are kept together with a special pin to simplify handling. Reliable crimping performance is consistent and accurate with a parallel action stroke, good to 50,000 cycles.



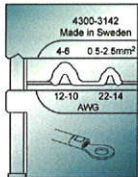
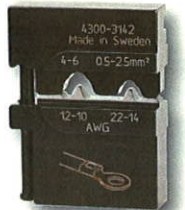
**43128** PortaCrimp Die Set For Green & Yellow Insulated Terminals & Splices

Item				
No.	Crimps	AWG	lbs.	Pkg.
43128	4-6 & 0.1-0.4mm <sup>2</sup>	26-22 & 12-10	1.2	1



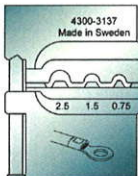
**43129** PortaCrimp Die Set For Red & Blue Insulated Terminals & Splices Die set for 22-14 AWG (0.5 - 2.5mm).

Item				
No.	Crimps	AWG	lbs.	Pkg.
43129	1.5-2.5 & 0.5-1.5mm <sup>2</sup>	22-14	1.2	1



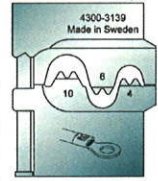
**43142** PortaCrimp Die Set For Non-Insulated Terminals, Lugs & Splices

Item				
No.	Crimps	AWG	lbs.	Pkg.
43142	4-6 & 0.5-2.5mm <sup>2</sup>	12-10 & 22-14	1.2	1



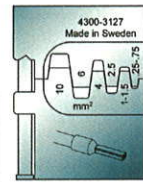
**43137** PortaCrimp Die Set For Non-Insulated Terminals, Lugs & Splices

Item				
No.	Crimps	Awg	lbs.	Pkg.
43137	2.5/1.5/0.75mm <sup>2</sup>	14/16/20	1.2	1



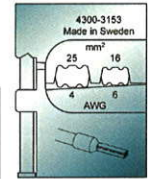
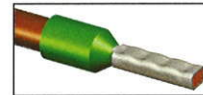
**43139** PortaCrimp Die Set For Non-Insulated Terminals, Lugs & Splices

Item				
No.	Crimps	AWG	lbs.	Pkg.
43139	10/6/4mm <sup>2</sup>	8/10/12	1.2	1



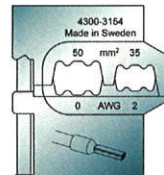
**43127** PortaCrimp Wire Ferrules - Insulated & Non-Insulated Die set for 24-8 AWG (0.25-10mm).

Item				
No.	Crimps	AWG	lbs.	Pkg.
43127	10/6/4/2.5/1-1.5/2.5-.75mm <sup>2</sup>	8-24	1.2	1



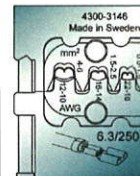
**43153** PortaCrimp Wire Ferrules - Insulated & Non-Insulated Die set for 6-4 AWG (16-25mm).

Item				
No.	Crimps	AWG	lbs.	Pkg.
43153	25 & 16mm <sup>2</sup>	6 & 4	1.2	1



**43154** PortaCrimp Wire Ferrules - Insulated & Non-Insulated Die set for 2-1/0 AWG (35-50mm).

Item				
No.	Crimps	AWG	lbs.	Pkg.
43154	50 & 35mm <sup>2</sup>	1/0 & 2	1.2	1



**43146** PortaCrimp Open Barrel, Non-Insulated Standard Commercial Terminals & Lugs - .250" (6.3mm) Push On Terminals

Item				
No.	Crimp	AWG	lbs.	Pkg.
43146	4-6/1.5-2.5/0.5-1.0mm <sup>2</sup>	22-10	1.2	1



**PortaCrimp Dies**



One piece die, held together to prevent mix up & loss. Easily interchangeable crimp dies are kept together with a special pin to simplify handling. Reliable crimping performance is consistent & accurate with a parallel action stroke, good to 50,000 cycles.



**43150 PortaCrimp Open Barrel Non-Insulated Push On Terminals DIN 46247-1 .110" (2.8mm) Tab**

Item	Crimps	AWG	lbs.	Pkg.
43150	0.5-1.0/0.25-0.5/0.1-0.25mm <sup>2</sup>	26-18	1.2	1



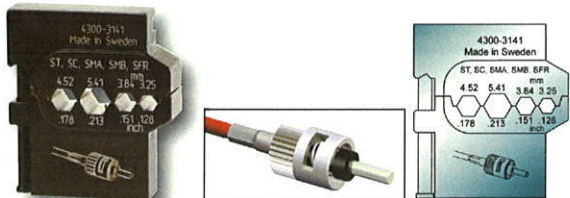
**43151 PortaCrimp Open Barrel Non-Insulated Push On Terminals DIN 46247-2 .187" (4.8mm) Tab**

Item	Crimps	AWG	lbs.	Pkg.
43151	1.5-2.5 & 0.5-1.5mm <sup>2</sup>	22-14	1.2	1



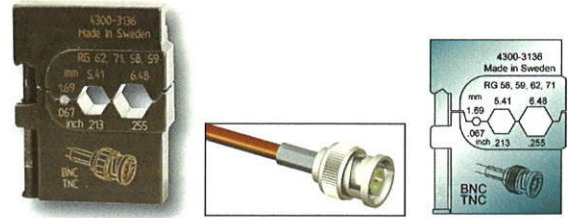
**43143 PortaCrimp Weather Pack Open Barrel Terminals**

Item	Crimps	AWG	lbs.	Pkg.
43143	4.0-1.0mm <sup>2</sup>	12-20	1.2	1



**43141 PortaCrimp Fiber Optic** Die set for SMA, SMB, SFR, ST, SC fiber optic connectors (.178"/.213"/.151"/.128" hex)

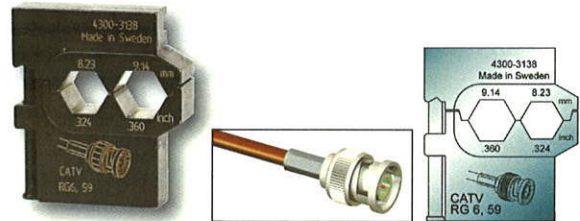
Item	Crimps	AWG	lbs.	Pkg.
43141	4.52/5.41/3.84/3.25mm	(.178"/.213"/.151"/.128")	1.2	1



**43136 PortaCrimp Coaxial Network & Communications**

Die set for RG58, RG59, RG62AU BNC/TNC Coaxial Connectors (.213"/.255"/.068" hex).

Item	Crimps	lbs.	Pkg.
43136	1.69/5.41/6.48mm (.213"/.255"/.068"hex)	1.2	1



**43138 PortaCrimp Coaxial Network & Communications, CATV, HDTV, Video** Die set for RG6, Belden 1694A, Twinax BNC, CATV F Coaxial Connectors (.360"/.324" Hex).

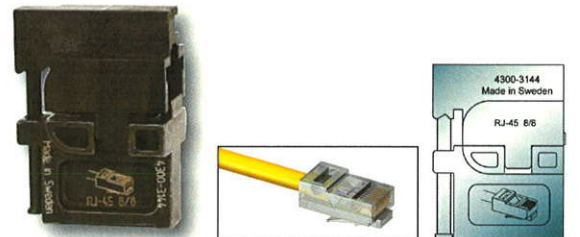
Item	Crimps	lbs.	Pkg.
43138	9.14 & 8.23mm (.360"/.324")	1.2	1



**43140 PortaCrimp Coaxial Network & Communications**

Die set for RG174, RG179 BNC/TNC Coaxial Connectors (.178"/.128"/.068" Hex, .028" (0.7mm) Sq.

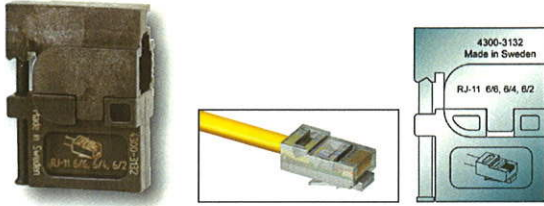
Item	Crimps	lbs.	Pkg.
43140	4.52/3.25/1.69mm hex 0.7mm sq. (.178"/.128"/.068" hex, .028" sq.)	1.2	1



**43144 PortaCrimp Datacom/Telecom Modular Plug**

Die set for 8-position 8-contact (RJ45).

Item	Crimps	lbs.	Pkg.
43144	RJ45	1.2	1



**43132 PortaCrimp Datacom/Telecom Modular Plug**  
Die set for 6-position 6-contact (RJ11).

Item No.	Crimps	AWG	lbs.	Pkg.
43132	RJ11		1.2	1



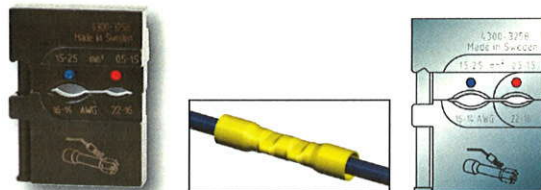
**43147 PortaCrimp Power Contacts**

Item No.	Crimps	AWG	lbs.	Pkg.
43147	4 / .14-1 / 2.5 / 1.5mm	26-12	1.2	1



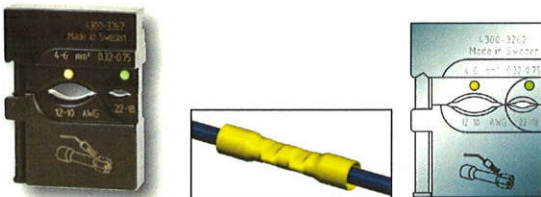
**43148 PortaCrimp Power Contacts**

Item No.	Crimps	AWG	lbs.	Pkg.
43148	6 & 10mm	10-8	1.2	1



**43158 PortaCrimp** Die set for heat shrink connectors:  
0.5-1.5mm<sup>2</sup> red & 1.5-2.5mm<sup>2</sup> blue.

Item No.	Crimps	AWG	lbs.	Pkg.
43158	0.5-1.5mm <sup>2</sup> (22-16AWG) red		1.2	1
	1.5-2.5mm <sup>2</sup> (16-14 AWG) blue			



**43162 PortaCrimp** Die set for heat shrink connectors:  
4-6mm<sup>2</sup> yellow & 0.32-0.75mm<sup>2</sup> green.

Item No.	Crimps	AWG	lbs.	Pkg.
43162	4-6mm <sup>2</sup> (12-10AWG) yellow		1.2	1
	0.32-0.75mm <sup>2</sup> (22-18AWG) green			

**Professional Crimping Tools**



**43652 Crimping Tool Frame** Parallel action ratchet crimp tool designed to provide the best crimp without compromise on modular plug terminals. Ratchet action to ensure full crimp cycle with safety release.

#43652	mm	Inch	lbs.	Pkg.
	200	7.87		1



**43654 Tool Die D-RJ11**

Item no.	lbs.	Pkg.
43654	1.0	1

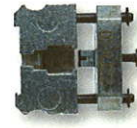
Crimps: 6/6, 6/4 RJ11



**43657 Crimping Tool Die D-RJ45U (universal)**

Item no.	lbs.	Pkg.
43657	1.0	1

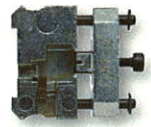
Crimps: 8/8, 8/6, 8/4, Universal RJ45  
(Primary strain relief punch only)



**43655 Tool Die D-RJ22**

Item no.	lbs.	Pkg.
43655	1.0	1

Crimps: 4/4, 4/2 RJ22



**43658 Crimping Tool Die D-MMJ (DEC)**

Item no.	lbs.	Pkg.
43658	1.0	1

Crimps: 6 pos. DEC/6



**43656 Tool Die D-RJ45**

Item no.	lbs.	Pkg.
43656	1.0	1

Crimps: 8/8, 8/6, 8/4 RJ45  
(Primary & secondary strain relief punches)

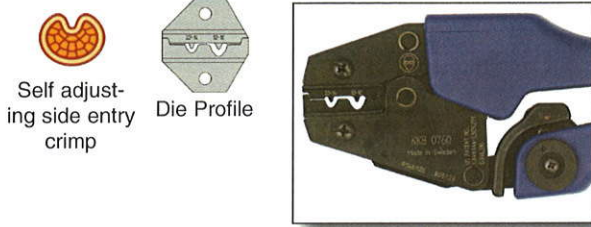


**43659 Tool Die D-10POS**

Item no.	lbs.	Pkg.
43659	1.0	1

Crimps: 10 pos.

**Non-Insulated Crimping Tool**

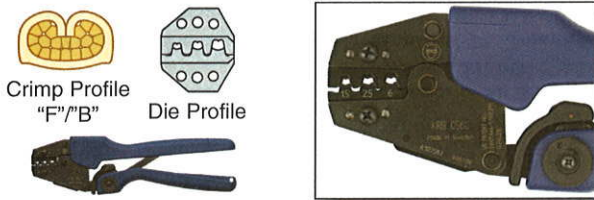


**43632 Non-Insulated Crimping Tool** For Non-insulated terminals, lugs, wire splices and solid/standard wires ranging from 0.75 - 6.0mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43632	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	22 - 10 (0.75-6.0mm <sup>2</sup> )	1.2	1

50,000 Cycle Rated

**Ergonomic Uninsulated Open Barrel Crimping Tool**

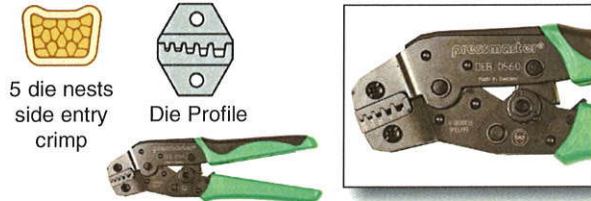


**43622 Uninsulated Ergonomic Open Barrel Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on uninsulated open barrel connectors terminals on wires ranging from 0.5 - 6.0mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43622	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	22 - 10 (0.5-6.0mm <sup>2</sup> )	1.2	1

50,000 Cycle Rated

**Ergonomic End Splices/Ferrules Crimping Tool**

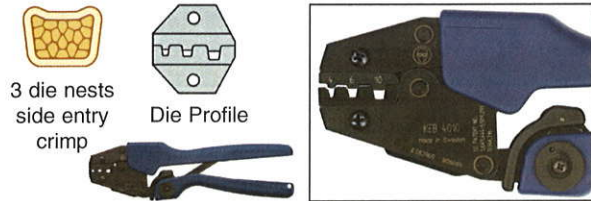


**43611 Insulated & Uninsulated Ergonomic End Splices/Ferrules Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on wires ranging from 0.5 - 6.0mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43611	mm	Inch	AWG	lbs.	Pkg.
	212	8.35	20 - 10 (0.5-6.0mm <sup>2</sup> )	1.3	1

50,000 Cycle Rated

**Ergonomic End Splices/Ferrules Crimping Tool**

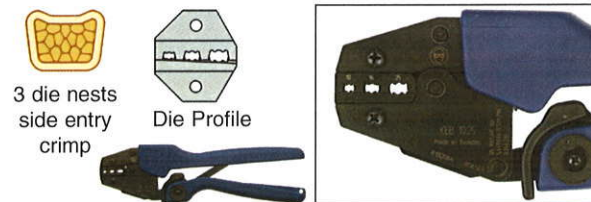


**43619 Insulated & Uninsulated Ergonomic End Splices/Ferrules Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 4.0 - 10.0mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43619	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	12 - 8 (4.0-10.0mm <sup>2</sup> )	1.2	1

50,000 Cycle Rated

**Ergonomic End Splices/Ferrules Crimping Tool**

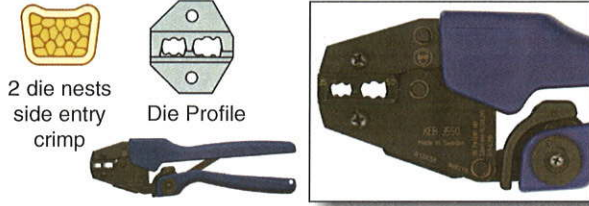


**43620 Insulated & Uninsulated Ergonomic End Splices/Ferrules Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 10.0 - 25.0mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43620	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	6 - 4 (10.0-25.0mm <sup>2</sup> )	1.2	1

50,000 Cycle Rated

**Ergonomic End Splices/Ferrules Crimping Tool**

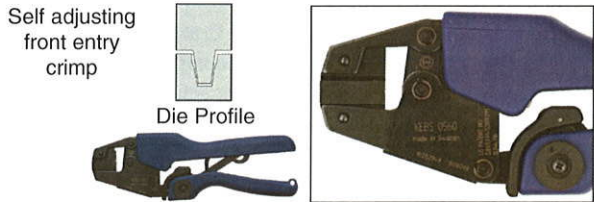


**#43621 Insulated & Uninsulated Ergonomic End Splices/Ferrules Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 35.0 - 50.0mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43621	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	2 - 1/0 (35.0-50.0mm <sup>2</sup> )	1.2	1

50,000 Cycle Rated

**Ergonomic End Splices/Ferrules Crimping Tool**

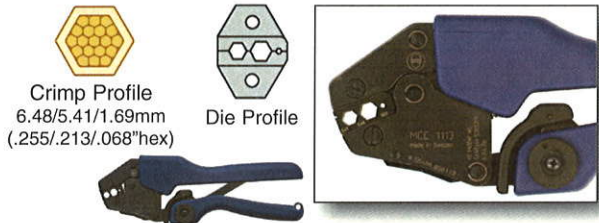


**#43653 Insulated & Uninsulated Ergonomic End Splices/Ferrules Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 0.5 - 6.0mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43653	mm	Inch	AWG	lbs.	Pkg.
	220	8.66	22 - 10 (0.5-6.0mm <sup>2</sup> )	1.0	1

50,000 Cycle Rated

**Ergonomic Coaxial Crimping Tool**

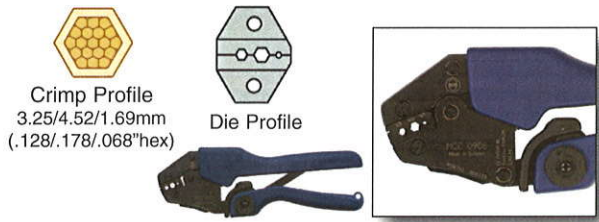


**#43614 Ergonomic Coaxial BNC, TNC Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on BNC, TNC coaxial connectors RG58, RG59, RG62, RG71, Thinnet. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43614	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	212	8.35	6.48/5.41/1.69mm (.255"/.213"/.068"hex)	1.1	1

50,000 Cycle Rated

**Ergonomic Coaxial Crimping Tool**

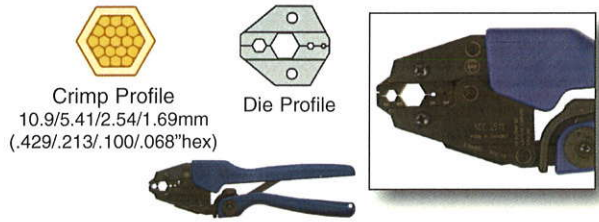


**#43613 Ergonomic Coaxial SMA, SMB, SMC Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on SMA, SMB, SMC coaxial connectors RG174, RG179 A/F. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43613	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	212	8.35	3.25/4.52/1.69mm (.128"/.178"/.068"hex)	1.1	1

50,000 Cycle Rated

**Ergonomic Coaxial Crimping Tool**

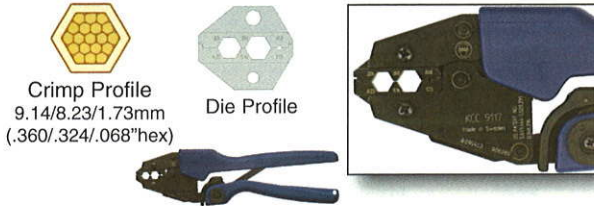


**#43628 Ergonomic Coaxial BNC, TNC Crimping Tool** Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on BNC, TNC coaxial connectors RG58, RG8, RG11, Ethernet, Thinnet. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43628	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	261	10.28	5.41/10.9/2.54/1.69mm (.429"/.213"/.100"/.068"hex)	1.2	1

50,000 Cycle Rated

**Ergonomic Coaxial Crimping Tool**



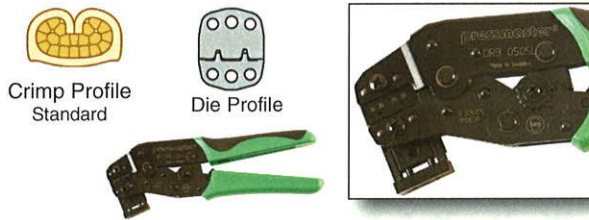
**43687 Ergonomic Coaxial Twinax CATV, F Crimping Tool**

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on Twinax CATV, F coaxial connectors RG6, RG6 Quad, 1695, Twinax. Ratchet action ensures full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43687	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	261	10.28	8.23/9.14/1.73mm (.360/.324/.068"hex)	1.2	1

50,000 Cycle Rated

**Ergo D Sub Uninsulated/Open Barrel Crimping Tool**



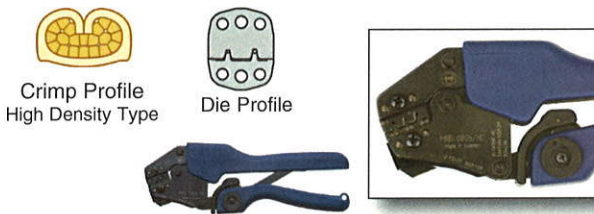
**43615 Ergonomic D Sub Uninsulated/Open Barrel Crimping Tool**

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on UnInsulated/Open Barrel, D Sub wires ranging from 0.05 - 0.5mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43615	mm	Inch	AWG	lbs.	Pkg.
	212	8.35	30 - 20 (0.08-0.5mm <sup>2</sup> )	1.1	1

50,000 Cycle Rated

**Ergo D Sub Uninsulated/Open Barrel Crimping Tool**



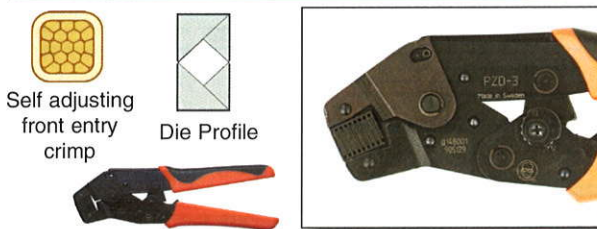
**43617 Ergonomic D Sub Uninsulated/Open Barrel Crimping Tool**

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on UnInsulated/Open Barrel, D Sub wires ranging from 0.08 - 0.5mm<sup>2</sup>. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#43617	mm	Inch	AWG	lbs.	Pkg.
	212	8.35	28 - 20 (0.08-0.5mm <sup>2</sup> )	1.1	1

50,000 Cycle Rated

**End Splices/Ferrules Crimping Tool**



**43647 Insulated & Uninsulated End Splices/Ferrules Crimping Tool**

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 0.5 - 6.0mm<sup>2</sup>. Front entry for easy access within confined spaces. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance. Two component comfort grip handle.

#43647	mm	Inch	AWG	lbs.	Pkg.
	197	7.75	22 - 10 (0.5-6.0mm <sup>2</sup> )	.82	1

50,000 Cycle Rated

**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>	Pkg.	wt.	
32604	Z14560001	145	5.75	0.25-2.5	1	.29
32605	Z18060001	180	7.0	0.25-16	1	.57

(See other soft vinyl grip pliers & cutters on pages 16-22)

## Automatic Stripping Tool



Interchangeable stripping blade cassettes



Cuts & strips up to 10mm<sup>2</sup>/8 AWG - Strips PVC, THHW, TEFLON insulations



Ergonomic design with non-slip two component handles

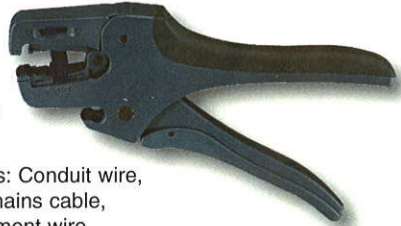


Easy/snag free wire removal from tool - jaws stay open after strip

### Self Adjusting Cut & Strip Tool



Straight Blade Cassette Stripping Range 0.02 - 10.0mm<sup>2</sup>



Cables: Conduit wire, Flex mains cable, Equipment wire, Flat modplug cable etc.

34-8 AWG

### 44212 Self Adjusting Cutting & Stripping Tool

Easily interchangeable stripping cassettes enables a wide range of insulations from PVC to PTFE. Light weight soft grip handle qualified for high volume production and portable/field usage.

#44212	mm	Inch	AWG	Strip Dim.	lbs.	Pkg.
	191	7.5	34 - 8	0.02-10mm <sup>2</sup>	.30	1

### Replaceable Cassette - Straight Blade



Straight Blade Cassette Stripping Range 0.02 - 10.0mm<sup>2</sup>



34-8 AWG

Straight

### 44214 Straight Blade Cassette, PVC Insulations

Fine adjustability ensures that thin insulations can be stripped without damage to conductors. At the end of the stripping function, the stripping blades open and remain open during the return phase of the strip cycle facilitating easy/snag free wire removal from the tool.

#44214	AWG	Strip Range	lbs.	Pkg.
	34 - 8	0.02-10mm <sup>2</sup>	.02	1

### Replaceable Cassette - 4-16mm<sup>2</sup>



Stripping Range 4-16mm<sup>2</sup>



10-5 AWG

Radius Blade

### 44269 Replaceable Cassette, 4-16mm Stripping Range

Fine adjustability ensures that thin insulations can be stripped without damage to conductors. At the end of the stripping function, the stripping blades open and remain open during the return phase of the strip cycle facilitating easy/snag free wire removal from the tool.

#44269	AWG	Strip Range	lbs.	Pkg.
	10 - 5	4-16mm <sup>2</sup>	.02	1

### Replaceable Cassette - "V" Blade



"V" Blade Stripping Range 0.1 - 4mm<sup>2</sup>



28-12 AWG

VBC for PTFE

### 44213 Replaceable VBC or PTFE Cassette, "V" Blade

Fine adjustability ensures that thin insulations can be stripped without damage to conductors. At the end of the stripping function, the stripping blades open and remain open during the return phase of the strip cycle facilitating easy/snag free wire removal from the tool.

#44213	AWG	Strip Range	lbs.	Pkg.
	28 - 12	0.1-4mm <sup>2</sup>	.02	1

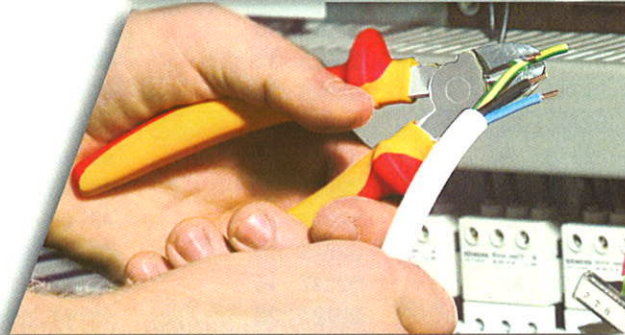
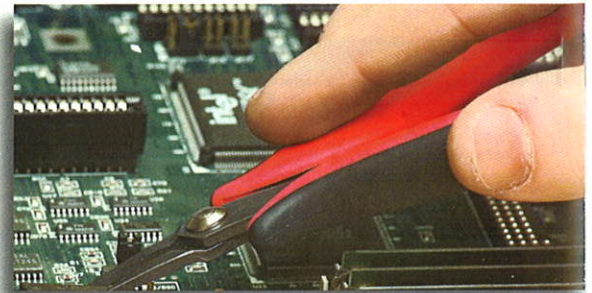
Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
10250	7	32638	15	32706	31	32889	8	43127	40	44269	46
29240	7	32639	15	32708	31	32891	8	43128	40	45810	36
29250	6	32642	15	32710	31	32969	27	43129	40	45811	36
30901	24	32645	13	32711	31	32917	10	43132	42	45812	36
30903	24	32646	15	32712	31	32923	10	43136	41	45813	37
30905	24	32648	16	32714	32	32926	10	43137	40	45814	37
30907	24	32649	15	32716	32	32927	10	43138	41	45820	37
30909	24	32652	15	32718	32	32929	10	43139	40	45821	37
30911	25	32653	17	32720	32	32930	10	43140	41	45822	37
30912	24	32654	18	32721	32	32933	10	43141	41	45823	38
30913	25	32655	17	32722	33	32945	10	43142	40	45824	38
30915	25	32656	18	32724	33	32947	10	43143	41	45890	38
30917	25	32657	16	32726	33	32970	22	43144	41	56801	29
30919	25	32658	16	32728	33	32971	22	43146	40	56812	28
30921	25	32659	16	32732	34	32972	22	43147	42	56813	29
30923	26	32660	14	32734	34	32974	22	43148	42	56815	28
30925	26	32661	14	32742	34	32975	22	43149	39	56818	28
30926	26	32662	18	32744	34	32976	22	43150	41	56825	28
30927	26	32663	14	32746	34	32978	22	43151	41	56830	29
30928	26	32664	14	32748	35	32979	22	43153	40	56833	29
30929	26	32665	14	32750	35	32980	22	43154	40	56871	25,29
30931	26	32666	18	32752	35	32981	11	43158	42	57872	15
30933	26	32667	14	32790	35	32983	11	43162	42	76208	9
30937	26	32668	14	32791	35	32984	11	43190	39	76210	9
30943	26	32669	14	32793	33	32985	11	43191	39	76212	9
30947	24	32670	14	32804	6	32986	11	43192	39	76215	9
30990	27	32671	16	32806	6	32987	11	43611	43	76290	9
30991	27	32672	16	32807	6	32988	11	43612	23	91201	38
30993	27	32674	16	32808	6	32995	22	43613	44	91205	38
30998	27	32676	16	32810	6	32996	22	43614	44	91230	8
32600	15	32678	16	32814	4	34608	20	43615	45	91256	7
32601	17	32680	16	32816	4	34609	20	43617	45		
32602	15	32681	18	32818	4	34610	20	43618	23		
32603	12	32682	18	32820	4	34611	20	43619	43		
32604	15,45	32683	18	32821	4	34612	20	43620	43		
32605	15,45	32684	18	32826	5	34613	20	43621	44		
32606	12	32685	18	32828	5	34614	20	43622	43		
32608	17	32686	18	32830	5	34615	20	43624	23		
32609	12	32687	18	32832	5	34616	20	43628	44		
32610	16	32688	18	32834	5	34617	20	43632	43		
32611	16	32689	18	32835	5	34618	21	43643	23		
32612	12	32690	18	32836	5	34619	21	43647	45		
32615	12	32691	18	32838	5	34620	21	43652	42		
32616	12	32692	18	32841	4	34621	21	43653	44		
32618	13	32693	19	32850	8	34622	21	43654	42		
32621	13	32694	18	32852	8	34623	21	43655	42		
32623	13	32695	18	32854	8	34624	21	43656	42		
32625	13	32696	18	32859	8	34625	21	43657	42		
32626	19	32697	18	32860	5	34626	21	43658	42		
32627	19	32698	16	32861	5	34627	21	43659	42		
32628	19	32702	30	32870	6	34651	21	43687	45		
32629	19	32703	30	32871	7	34652	21	44212	46		
32630	13	32704	30	32872	7	34653	21	44213	46		
32633	13	32705	30	32873	7	34654	21	44214	46		

# wiha



Premium Tools

(800) 494-6104  
 fax: (800) 494-7456  
 email: cservice@wihatools.com  
 www.wihatools.com



Catalog Item No. 99977.wo  
 version - 2/1/12

Subject to change  
 without notice

©2012 Willi Hahn  
 Corporation



## Wiha Quality Tools

1348 Dundas Circle  
 Monticello, MN 55362  
 tel: 763.295.6591  
 fax: 763.295.6598

## Wiha Tools Canada Ltd.

www.wihatools.ca  
 Brampton, ONT L6T 4X4  
 tel: 866.494.0096 or 763.295.6591  
 fax: 763.295.6598

To:



99060.wo - Product Guide



99004.wo - Shop Tools Catalog



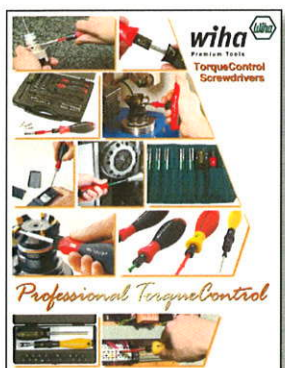
99006.wo - Tech Tools Catalog



99002.wo - Screwdrivers Catalog



99951.wo - Bits Catalog



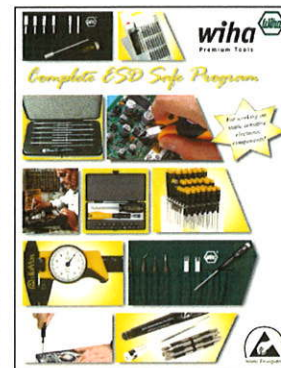
99001.wo - TorqueControl Catalog



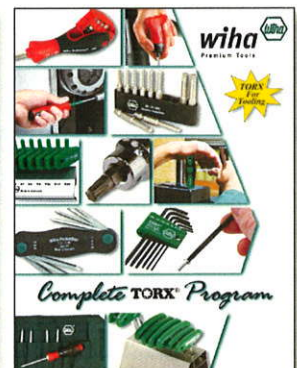
99934.wo - Hex Tools Catalog



99919.wo - Insulated Catalog



99945.wo - ESD Catalog



99914.wo - TORX Catalog