



2017



Tools that work for you

# Professional Pliers/Cutters & Crimpers



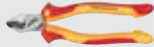

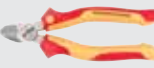

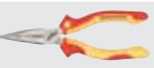

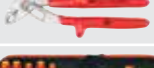




*Complete Pliers/Cutters Program*
















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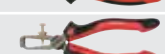



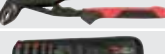


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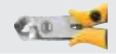







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## Wiha Insulated Pliers & Cutters

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

Chrome finish for long lasting corrosion protection



Safety slip guard

1000V

Cutters additionally induction hardened

Insulation Standards: EN/IEC 60900, ASTM F-1505-10, VDE 0682/part 201, NFPA70E and CSA

## 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	Width	Height	Weight	Pkg.
No. 91256	3.5 x	6.75	.15	1

## 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 C70 tool steel forgings. 64HRC cutting edges.

Item	Cutting Capacity		Weight	Pkg.
No. 32821	225	9.0	#4	1 .98

## Insulated Combination Lineman's Pliers

1000volt



Serrated jaws

**328 Combination Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, 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. 64HRC. Special C70 tool steel forgings, Chrome finish. Use for gripping and holding as well as cutting soft & hard wires & cables.

Item	Cutting Capacity		Weight	Pkg.
No. 32814	160	6.3	#10	1 .53
No. 32816	180	7.0	#9	1 .58
No. 32818	200	8.0	#8	1 .72

## Insulated Stripping Pliers

1000volt



64HRC cutting edges

**32860 Stripping Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, 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	Stripping Capacity		Weight	Pkg.
No. 32860	160	6.3	#8 - #28	1 .50

## Insulated High Leverage Combination Pliers

1000volt



Lineman's

**32820 High Leverage Combination Pliers.** Insulation According to EN/IEC 60900, ASTM F-1505-10, 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. C70 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	Cutting Capacity		Weight	Pkg.
No. 32820	225	9.0	#4	1 .86

## Insulated Crimping Pliers

1000volt



**32841 Insulated Crimping Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA, up to 1000 Volt. Individually Tested. Semi-circular profiles for secure connection between & sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. C70 special tool steel.

Item	Cutting Capacity		Weight	Pkg.
No. 32841	180	7.0	0.25-2.5	6-30 1 .57

## Insulated Serrated Edge Cable Cutters



1000volt

**328 Serrated Edge Cable Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, 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. 64HRC. Special tool steel. For cutting of copper & aluminum cables without crushing.

Item	Cutting Capacity		Weight	Pkg.
No. 32826	160	6.3	16 50	1 .42
No. 32828	200	8.0	20 60	1 .67

**Insulated Electrician's Diagonal Cutters**



△ 1000volt

**32861 Diagonal Cutters W/Stripping Holes.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E and CSA, △ up to 1000 Volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, 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	160	6.3	#10 & #14	1	.55

**Insulated Long Nose Pliers**



△ 1000volt

**328 Long Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA, △ up to 1000 Volt. Individually Tested. Drop-forged from C70 special tool steel, cutters additionally induction hardened to approx. 64HRC, chrome-nickel plated, mirror-polished, ergonomic comfort grip with slip guard, serrated gripping surface.

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

**Insulated Long Flat Nose Pliers**

■ Two component Soft Grip handles



Extra long head

△ 1000volt

**Insulated Diagonal Cutters**



△ 1000volt

**328 Diagonal Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA, △ up to 1000 Volt. Individually Tested. DIN ISO 5749 Low wear lap joint, riveted & able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. Special tool steel hardened & tempered. For soft & medium hard wire. 32832 & 32834 for soft, hard & piano wire.

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

**Insulated Bent Nose Pliers**

Angled 40°



△ 1000volt

**328 Bent Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E and CSA, △ up to 1000 Volt. Individually Tested. Drop-forged from C70 special tool steel, cutters additionally induction hardened to approx. 64HRC, chrome-nickel plated, mirror-polished. Ergo comfort grip with slip guard. Serrated gripping surface.

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

**32810 Long Flat Nose Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA, △ up to 1000 Volt. Individually Tested. DIN ISO 5745 Serrated Jaws are induction hardened. Special C70 tool steel forgings, Chrome finish. Use for Gripping and right-angle bending of wires and sheet metal parts.

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

**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-1505-10, 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. C70 special tool steel hardened & tempered. For soft, hard & piano wire, lay-on joint, optimized power transmission.

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

**Round Nose Pliers**



△ 1000volt

**32870 Round Nose Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E and CSA, △ up to 1000 Volt. Individually Tested. Drop-forged from C70 special tool steel, individually induction hardened, chrome and nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Serrated jaws.

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



## Insulated NE Style Lineman's Pliers



1000volt

**32831 Insulated NE Style Lineman's Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E and CSA, up to 1000 Volt. Individually Tested.** Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables. Two component soft grip ergonomic handles.

Item	←→	←→	←→	←→
No.	mm	Inch	Pkg.	wt.
32831	245	9.5	1	1.18

## NE Style Lineman's Pliers Set

Insulated Tool meets ASTM, IEC, EN, NFPA & CSA standards

Individually Tested



Knurled striking zone on vinyl grip pliers



1000Volt

Extra long cutting edge for flat & round cables

**32833 2 Piece NE Style Lineman's Pliers Set**

Item No.	NE Style Lineman's Pliers
32833	9.5" Insulated 1000Volt 9.5" Vinyl Soft Grip
←→ lbs.	2.22

## Insulated BiCut SuperCut



Cutting capacity up to 3mm hardened piano wire



1000volt



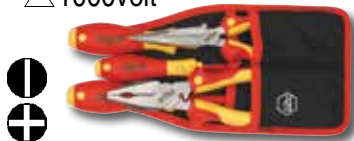
- Double the power at the press of a button
- BiCut does the job of two pairs of pliers
- Up to 50% less hand strength required for cutting
- Cutting force doubled for extremely hard materials
- Easily switch between two strengths in one-handed operation

**32837 Insulated BiCut SuperCut. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 Volt. Individually Tested.**

Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Drop forged of high C70 steel. For cutting various materials from soft to extremely hard, such as nails, screws, bolts, wire cables, spring wires, chains, etc.

Item	←→	←→	←→	←→
No.	mm	Inch	Pkg.	lbs.
32837	200	8.0	1	.78

1000volt



**32875 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch.** 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
32875	9.0" / 225mm Lineman's Pliers 8.0" / 200mm Long Nose Pliers
←→ lbs.	Insulated Screwdrivers: 2.26 Slotted: 4.5, 6.5mm Phillips: #2

## Wiha Insulated Belt Pack Pouch Sets

1000volt



**32871 3 Pc. 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.

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



1000volt

**32873 3 Piece Insulated Pliers/Cutters In Belt Pack Pouch.** Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard.

Item No.	Pliers & Cutters
32873	6.3" / 160mm Diagonal Cutters 8.0" / 200mm Long Nose Pliers
←→ lbs.	2.12 8.0" / 200mm Combination Pliers

1000volt



**32872 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch.** 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.	Insulated Screwdrivers: 1.77 Slotted: 3.0, 4.5mm Phillips: #2




**Wiha Insulated Pliers & Cutters Sets**



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



**1000Volt**

<b>32867</b>	<b>10 Piece Pliers &amp; Screwdriver Set</b>
Set In Canvas Pouch	
<b>Item No. 32867</b>	
6.3" Diagonal Cutters	lbs.
9.0" Combo Pliers	4.06
6.3" Long Nose Pliers	
6.3" Wire Strippers	
7.0" Crimping Pliers	
Insulated Slotted 4.5, 6.0mm	
Insulated Phillips #1, 2	
Insulated Square: #2	

**1000volt**



<b>32889</b>	<b>8 Piece Pliers &amp; Cutters Set.</b>
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA,  up to 1000 volt. Individually Tested.	
<b>Item# 32889</b>	Set Includes: 
32806 - 6.3" Long Nose Pliers	lbs.
32808 - 8.0" Long Nose Pliers	4.53
32814 - 6.3" Lineman's Pliers	
32832 - 6.3" Diagonal Cutters	
32820 - 9.0" Lineman's Pliers	
32936 - 8.0" BiCut SuperCut	
32860 - 6.3" Wire Stripping Pliers	
15000 - Electrician's Knife	



**1000volt**

In zipper carry case

**1000volt**

<b>32891</b>	<b>10 Piece Pliers &amp; Screwdriver Set.</b>
Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA,  up to 1000 volt. Individually Tested.	
<b>Item# 32891</b>	Set Includes: 
32818 - 8.0" Combination Pliers	lbs.
32808 - 8.0" Long Nose	5.44
32936 - 8.0" BiCut SuperCut	
32848 - 6.3" Cable Cutters	
32860 - 6.3" Universal Wire Stripper	
Insulated Phillips #1, #2, #3	
Insulated Slotted 4.5, 6.5mm	


**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**




<b>32868</b>	<b>10 Piece Pliers &amp; Screwdriver Set</b>
Set In Canvas Pouch	
<b>Item No. 32868</b>	
7.0" Diagonal Cutters	lbs.
9.0" Combo Pliers	4.24
8.0" Long Nose Pliers	
6.3" Wire Strippers	
7.0" Crimping Pliers	
Insulated Slotted 3.0, 4.5, 6.0mm	
Insulated Phillips #1, 2	



**1000Volt**

<b>32850</b>	<b>Inomic Combo Pliers</b>
 up to 1000 volt. Individually Tested.	
<b>DIN ISO 5749</b> 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.	
<b>Item</b>	 Cutting Capacity 
<b>No.</b>	mm Inch Copper AWG lbs. Pkg.
<b>32850</b>	180 7.0 #6 .46 1

<b>32852</b>	<b>Inomic Long Nose Pliers</b>
 up to 1000 volt. Individually Tested.	
<b>Item</b>	 Cutting Capacity 
<b>No.</b>	mm Inch Copper AWG lbs. Pkg.
<b>32852</b>	160 6.3 #6 .43 1


<b>32854</b>	<b>Inomic Diagonal Cutters</b>
 up to 1000 volt. Individually Tested.	
<b>Item</b>	 Cutting Capacity 
<b>No.</b>	mm Inch Copper AWG lbs. Pkg.
<b>32854</b>	160 6.3 #6 .41 1

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


Each tool includes a convenient jaw lock & handle return spring


Holster Holds any Inomic Pliers

Heads drop forged CV premium tool steel




**1000volt**

<b>32859</b>	<b>3 Pc. Insulated Inomic Pliers/ Cutters Set</b>
Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue. 3 holsters included	
<b>Item# 32859</b>	Set Includes:  lbs. 1.45
7.0" Combo Pliers	
6.3" Diagonal Cutters	Inomic Holster
6.3" Long Nose Pliers	(Includes 3)

<b>91230</b>	<b>Inomic Canvas Holster</b>
<b>Item</b>	Width Height 
<b>No.</b>	Size Size lbs. Pkg.
<b>91230</b>	4.0 x 4.5 .05 1



## Wiha Insulated Ratcheting Cable Cutters

**Insulation:** VDE, EN/IEC, ASTM, NFPA70E, CSA & OSHA Tested to 10,000 volts with 1000 volts safety rating



△ 1000volt

**11980 Insulated ACSR Ratcheting Cable Cutter** Replaceable tool steel cutting blades are securely mounted for accurate cutting. Handles lock in closed position for easier storage. High leverage ratchet mechanism for best cutting performance. 13.9" OAL

Item	OAL	up to	Inch	↔	↔
No.	mm	MCM	Dia.	Capacity	lbs. Pkg.
11980	353	477	1.25"	32ml	3.4 1



△ 1000volt

**119 High Voltage Double-Insulated Ratcheting Cable Cutters**

High leverage ratchet cable cutter with shear type blades cuts stranded & flexible copper and aluminum cable. Not for use on steel. Features built in safety release in all cutting positions, and high-visibility comfort grip handles.

Item	OAL	up to	Inch	↔	↔
No.	mm/Inch	MCM	Dia.	Cap.	lbs. Pkg.
11960	250/10.0"	500	1.25"	32ml	1.58 1
11975	280/11.0"	750	2.0"	52ml	2.02 1

## 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	lbs.	Pkg.
10250	160	6.3"	0.81-2.59	20-10	.26	1

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



△ 1000volt

**116 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. Chrome-vanadium steel, drop forged, oil hardened.

Item	OAL	OAL	↔	↔
No.	mm	Inch	lbs.	pkg.
11630	300	12.0"	1.8	1

## Wiha Insulated Adjustable Wrenches



△ 1000volt

**76208 Insulated 8" Adjustable Wrench** Insulation According to ASTM, EN/IEC, NFPA, CSA and ISO Specification, up to 1000 Volt. Individually Tested. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item	OAL	OAL	Capacity	↔	↔
No.	Inch	mm	Opening	lbs.	pkg.
76208	8.0	200	1"	.7	1

△ 1000volt

**76210 Insulated 10" Adjustable Wrench**

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

△ 1000volt

**76212 Insulated 12" Adjustable Wrench**

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

△ 1000volt

**76215 Insulated 15" Adjustable Wrench**

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



△ 1000volt

**76290 3 Pc. Insulated Adjustable Wrenches** Etched on scale for pre-setting size. Slip guard handle for added protection.

**Item No. 76290 Includes the following:**  
↔ lbs. 4.0      8.0", 10.0", 12.0" Adj. Pliers

## Protturn Insulated Electrician's Shears



△ 1000volt

**32951 Protturn Insulated Electrician's Shears** Insulation meets VDE, ASTM, EN/IEC, CSA, NFPA OSHA Specifications. Made from stainless 420 grade steel

Item	↔	↔		
No.	mm	Inch	Pkg.	lbs.
32951	160	6.3	1	.22



### Insulated Industrial Pliers & Cutters

10,000 Volt tested  
1000 Volt Rated

Induction hardened jaws and cutters to 64HRC

Industrial brushed finish



 1000V

Two component ergo cushion grip handles



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


### Insulated Industrial NE Style Lineman's Pliers







Knurled Striking Zone




 1000volt

**32938** Insulated Industrial NE Style Lineman's Pliers. Insulation According to EN/IEC 60900, ASTM F-1505, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables.


Item				
No.	mm	Inch	Pkg.	wt.
32938	245	9.5	1	1.18





### Insulated Lineman's Pliers With Crimpers

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

### Insulated High Leverage Diagonal Cutters

 1000volt





**32939** Insulated Industrial High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA,  up to 1000 volt. Individually Tested.






Item			Cutting Capacity			
No.	mm	Inch	Copper AWG	lbs.	Pkg.	
32939	200	8.0	#4	.66	1	

### Insulated Heavy Duty Cable Cutters




 1000volt


**32927** Insulated Industrial Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.





Item					
No.	mm	Inch	Ø	mm2	lbs. Pkg.
32927	200	8.0	20	60	.78 1

### Insulated Long Nose Pliers With Cutters


 1000volt



**329** Insulated Industrial Long Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA,  up to 1000 volt. Individually Tested.


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





### Insulated Diagonal Cutters

 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-1505-10, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5749





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

### Insulated Crimpers




 1000volt

**32945** Insulated Industrial Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E and CSA,  up to 1000 Volt. Individually Tested.


Item				
No.	mm	Inch	mm2	AWG lbs. Pkg.
32945	180	7.0	0.25-2.5	6-30 .64 1





### Insulated Combo Pliers With Dynamic Joint

 1000volt



Long life high performance dynamic 60/40 joint

**32930** Insulated Industrial High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746

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

## Insulated Stripping Pliers



1000volt

**32947 Insulated Industrial Stripping Pliers.** Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA, 1000 volt rated. Individually Tested. DIN ISO 5745

Item	Stripping Capacity			
No.	mm	Inch	Copper AWG	lbs. Pkg.
32947	160	6.3	#8 - #28	.46 1

## Insulated BiCut SuperCut

Cutting capacity up to 3mm hardened piano wire



1000volt

**32936 Insulated Industrial BiCut SuperCut.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505, NFPA70E & CSA, up to 1000 Volt.

Individually Tested. For cutting various materials from soft to extremely hard, such as nails, screws, bolts, wire cables, spring wires, chains, etc.

Item				
No.	mm	Inch	Pkg.	lbs.
32936	200	8.0	1	.78

## Insulated Water Pump Pliers

1000volt

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



**32954 Insulated Industrial Water Pump Pliers** 10 opening settings provides optimal adjustment to objects being gripped.

Chrome-vanadium tool steel forgings, hardened and tempered.

Item	Capacities			
No.	mm	Inch	Round	Hex
32954	250	10.0	1 3/4	2

## Insulated TriCut Strippers & Cutters

1000volt



**32944 Insulated Industrial TriCut Strippers & Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Cuts cable, strips cable, strips wire leads. Unique 3 in 1 design provides faster combined cutting and stripping. Strips AWG sizes #10 & #14.

Item				
No.	mm	Inch	AWG	Pkg. wt.
32944	170	6.7	#6	1 .58

## Insulated BiCut SuperCut & Screwdriver Set

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



1000volt

**32942 7 Pc. Insulated Industrial BiCut SuperCut & Screwdrivers** lbs. 1.86

**Item No. Insulated BiCut SuperCut:**  
**32942** 8.0"/200mm BiCut SuperCut  
**Ins. Drivers:** Phillips: #0, #1, #2  
 Slotted: 3.0, 4.5, 5.5mm

## Insulated Push Button Water Pump Pliers

1000volt

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



**32956 Insulated Industrial Push Button Water Pump Pliers** Extra narrow head for working in small spaces. Rapid and simple push button setting & locking. Finger jam protection for safe operation at all settings.

Item	Capacities			
No.	mm	Inch	Round	Hex
32956	250	10.0	1 3/4	2"

## Wiha Insulated Industrial Tool Sets

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



1000Volt

**32981 3 Pc. Insulated Industrial Pliers & Cutters** lbs. 2.18

**Item No. Insulated Pliers & Cutters**  
**32981** 8.0" Combo Pliers, 8.0" Long Pliers, 8.0" Diagonal Cutters

1000Volt



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

**32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers** lbs. 1.17

**Item No. Insulated Diagonal Cutters:**  
**32983** 6.3"/160mm Diagonal Cutter  
**Insulated Drivers:** Phillips: #1, #2  
 Slotted: 3.0, 4.5mm

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



1000Volt

**32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers** lbs. 2.06


**Item No. Insulated Combination Pliers:**  
**32984** 8.0" Combination Pliers  
 8" Long Nose Pliers  
**Drivers:** Slotted: 3.0, 4.5mm  
 Phillips: #2 • Square: #2

**Wiha Insulated Industrial Tool Sets**

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



In Belt Pack Pouch

 1000volt




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


Item No.	Insulated Pliers/Cutters:
32985	8.0" Combo Pliers, 6.3" Long Nose, 6.3" Diagonal Cutters
lbs.	<b>Insulated Drivers:</b> Phillips: #1, #2
2.30	Slotted: 3.0, 4.5mm

 1000volt

In Roll Out Pouch




**32986 11 Pc. Pliers/Cutters & Screwdriver Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-10, NFPA70E,  up to 1000 volt. Individually Tested.**


Item#	32986	Set Includes:	
32926	- 6.3" Long Nose Pliers	lbs.	
32933	- 6.3" Diagonal Cutters	3.62	
32930	- 8.0" Combination Pliers		
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



 1000volt





**32987 8 Pc. Pliers & Cutters Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC, ASTM, NFPA,  up to 1000 volt. Individually Tested.**

Item#	32987	Set Includes:	
32926	- 6.3" Long Nose Pliers	lbs.	
32933	- 6.3" Diagonal Cutters	5.52	
32923	- 8.0" Long Nose Pliers		
32929	- 8.0" H.D. Diagonal Cutters		
32917	- 9.0" Lineman's w/Cutters		
32947	- 6.3" Stripping Pliers		
32927	- 8.0" Cable Cutters		
32945	- 7.0" Crimpers		

 1000volt



**32988 22 Pc. Pliers/Cutters & SlimLine Blade Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-10, NFPA70E,  up to 1000 volt. Individually Tested.**

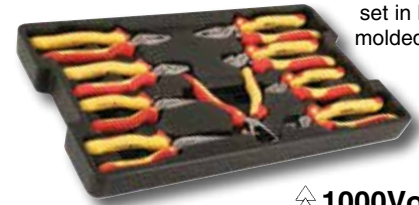
Item#	32988	Set Includes:	
32923	- 8.0" Long Nose Pliers	lbs.	
32933	- 6.3" Diagonal Cutters	5.74	
32917	- 9.0" Lineman's w/Cutters		
32929	- 8.0" H.D. Diagonal Cutters		
32927	- 8.0" Cable Cutters		
32947	- 6.3" Stripping Pliers		
32945	- 7.0" Crimpers		

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	Square: #1, #2		
<b>TORX</b> : T8, T10, T15, T20			

In Roll Out Pouches




Tool box set in blow molded tray



 1000Volt


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


**32999 9 Pc. Insulated Industrial Pliers & Cutters Set** Insulated pliers & cutters set in a light weight tool box tray.

Item No.	9.0" Lineman's Pliers
32999	8.0" High Leverage Combo Pliers
	6.3" & 8.0" Long Nose Pliers
lbs.	8.0" Cable Cutters
6.34	6.3" & 8.0" Diagonal Cutters
	6.3" Stripping Pliers
	7.0" Crimping Pliers

 1000Volt



**32390 11 Pc. Pliers & Driver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-10, NFPA70E & CSA,  up to 1000 volt. Individually Tested.** In canvas tool bag

Item#	32390	Set Includes:	
		lbs. 7.5	
		8.0" Linemans Pliers	
		6.3" & 8.0" Long Nose Pliers W/Cutters	
		6.3" Diagonal Cutters	
		8.0" High Leverage Cutters	
		Insulated Slotted: 3.0mm(1/8"), 4.5mm(3/16"), 6.5mm(1/4")	
		Insulated Phillips: #1, #2, #3	








## Soft Grip Pliers & Cutters

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



64HRC Cutting Edges

Precision formed

Soft grips are oil & solvent resistant

Jaws and cutters induction hardened

Heavy duty steel riveted joints

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 64HRC cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Premium C70 tool steel forgings.

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

## 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. 64HRC. C70 Special tool steel. For gripping and holding as well as cutting soft & hard wires and cables. Soft vinyl grips, oil & solvent resistant.

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

## 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. 64HRC. C70 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	Cutting Capacity		Pkg.	
No.	mm	Inch	Copper AWG	lbs.
32612	200	8.0	#4	.61 1
32615	225	9.0	#4	.78 1

## Long Nose Pliers With Return Spring



### 32617 Long Nose Pliers With Cutters With Return Spring DIN ISO 5745

Long nose pliers. Extra long cutters for flat and round cables. Serrated Jaws. Cutting edges additionally induction hardened to approx. 64HRC. Special C70 tool steel forgings. Soft vinyl grips are oil & solvent resistant.

Item	Cutting Capacity		Pkg.	
No.	mm	Inch	Copper AWG	lbs.
32617	160	6.3	#12	.22 1

## 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. 64HRC. Special C70 tool steel forgings. Soft vinyl grips are oil & solvent resistant.

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

## 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. 64HRC. Special C70 tool steel forgings. Soft vinyl grips are oil & solvent resistant.

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

## Long Flat Nose Pliers



### 32630 Long Flat Nose Pliers

**DIN ISO 5745** Extra long head. Serrated Jaws are induction hardened. Special C70 tool steel forgings. Use for gripping and right-angled bending of wires and sheet metal parts. Soft vinyl grips are oil & solvent resistant.

Item	Cutting Capacity		Pkg.	
No.	mm	Inch	Pkg.	lbs.
32630	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 C70 tool steel forgings. Use for gripping and uniform round bending of wires and sheet metal parts. Soft vinyl grips are oil & solvent resistant.

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

**Soft Grip BiCut SuperCut**



Cutting capacity up to 3mm hardened piano wire



Double the power at the press of a button BiCut does the job of two pairs of pliers Up to 50% less hand strength required for cutting Cutting force doubled for extremely hard materials Switch between 2 strengths in one-handed operation

**32636 Soft Grip BiCut SuperCut**

For cutting various materials from soft to extremely hard, such as nails, screws, bolts, wire cables, spring wires, chains, etc.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Pkg.	lbs.	
32636	200	8.0	1	.72	

**Soft Grip NE Style Lineman's Pliers**



Knurled striking zone on vinyl grip pliers



**32631 NE Style Lineman's Pliers**

Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables. Soft vinyl grips.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Pkg.	wt.	
32631	245	9.5	1	1.18	

**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. C70 special tool steel. 64HRC cutting edges. For Stripping up to Ø 5mm/#4 AWG conductor cross-section. Soft vinyl grips.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Copper Awg#	lbs.	Pkg.
32645	160	6.3	#8 - #28	.31	1

**Cable Cutters**



Long life is achieved through additional induction hardening of cutting edge to 64HRC

**326 Cable Cutters** Light, energy-saving & clean cutting with specially ground precision cutting edges. C70 special tool steel hardened & tempered. Soft vinyl grips. For cutting of copper & aluminum cables without crushing, also suitable for stripping. Not for steel cable, wires & copper conductors with hard coatings.

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

**Flush Cutting Mechanic's Diagonal Cutters**

Special C70 tool steel hardened & tempered



Soft vinyl grips

Flush cutting, with return spring

**326 Flush Cutting Mechanic's Diagonal Cutters With Return Spring DIN ISO 5749**

Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened and tempered. For flush cutting soft and semi-hard wires.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Copper AWG	lbs.	Pkg.
32613	127	5.0	#12	.16	1

**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 64HRC. C70 special tool steel hardened & tempered. Soft vinyl grips.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	mm <sup>2</sup>	AWG	lbs.
32604	145	5.75	0.25-2.5	14-32	.29
32605	180	7.0	0.25-16	6-32	.57

**Diagonal Cutters**



Special C70 tool steel hardened & tempered

**326 Diagonal Cutters DIN ISO 5749**

Low wear lap joint, riveted & able to withstand high levels of load. Low force cutting action, clean cutting. Long life edge is achieved through additional induction hardening to approx. 64HRC. For soft & medium hard wire. Soft vinyl grips.

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

**High Leverage Cutters**



Soft vinyl grips

**DIN ISO 5749**

**326 High Leverage Cutters**

Semi-circular. Low wear lap joint, riveted and able to withst & high levels of load. Low force action, clean cutting. Long life is achieved through additional induction hardening of cutting edge to 64HRC. C70 special tool steel hardened & tempered.

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

**Diagonal Cutters**



Flush cutting, with return spring

**DIN ISO 5749**

**326 Flush Cutting Diagonal Cutters With Return Spring For Cutting Plastic**

Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. For flush cutting soft and semi-hard wires.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Pkg.	lbs.	
32607	127	5.0	1	.14	
32614	160	6.3	1	.36	



## 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 C70 tool steel forgings hardened and tempered. Soft vinyl grips are oil & solvent resistant.

Item No.	Cutting Capacity		lbs.	Pkg.
	mm	Inch		
32657	160	6.3	#6	.41 1
32658	180	7.0	#6	.61 1
32659	200	8.0	#6	.75 1



### 326 Carpenter's End Nippers

**DIN ISO 9243** High cutting performance & reduced effort achieved through the precise formation of the cutting blade after assembly. Long life cutting edges achieved by additional induction hardening. Special C70 tool steel, hardened & tempered. Soft vinyl grips are oil & solvent resistant.

Item No.	Cutting Capacity		Pkg.	lbs.
	mm	Inch		
32671	180	7.0	1	.62
32672	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 C70 tool steel, hardened & tempered. Soft vinyl Grips are oil & solvent resistant.

Item No.	Cutting Capacity		lbs.	Pkg.
	mm	Inch		
32674	220	8.75	#12	.76 1
32676	250	10.0	#12	.98 1
32678	280	11.0	#12	1.0 1
32680	300	12.0	#12	1.1 1

## 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				lbs.	Pkg.
	mm	Inch	Round	Hex		
32660	180	7.0	1.25	1 1/2	.35	1
32661	250	10.0	1.75	2.0	.67	1
32663	300	12.0	2.0	2 1/4	1.2	1



### 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 - Adj. Pliers, Box Type - 7.0"

32661 - Adj. Pliers, Box Type - 10.0"

32663 - Adj. Pliers, Box Type - 12.0"

In roll-up pouch



### 32601 4 Pc. Pliers & Cutters Set

Drop-forged from C70 special tool steel, individually high frequency induction hardened. Precision formed. Soft vinyl grips, oil & solvent resistant.

**Item# 32601** Set Includes: lbs. 3.2

32609 - Combination Pliers 32661 - Water Pump Pliers

32618 - Long Nose Pliers 32642 - Diagonal Cutters

## Rapid Adjustable - Push Button Pliers



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

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

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

Item No.	Capacities				lbs.	Pkg.
	mm	Inch	Round	Hex		
32664	180	7.0	1.25	1 1/2	.35	1
32665	250	10.0	1.75	2.0	.80	1
32667	300	12.0	2.0	2 1/4	1.2	1



### 32669 3 Piece Push Button Set

**Item# 32669** Set Includes: lbs. 2.5

Push Button Adj. Water Pump Pliers - 7.0"

Push Button Adj. Water Pump Pliers - 10.0"

Push Button Adj. Water Pump Pliers - 12.0"

## Protturn Stripping Pliers



### 57872 Protturn Stripping Pliers

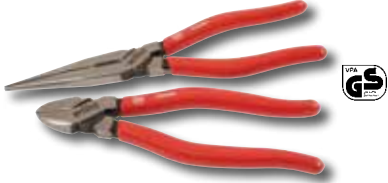
Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. With opening spring and locking mechanism.


Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

#57872	mm	Inch	Ø	AWG	lbs.	Pkg.
	180	7.0	0.81-2.59	20-10	.12	1




**Wiha Pliers & Cutters Sets**




**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"




**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. 1.4  
32606 - Combination Pliers 32642 - Diagonal Cutters  
32618 - Long Nose Pliers



**32640 2 Piece Soft Grip Pliers & Cutters Set** Maximum comfort in daily use, smooth operation and optimum force transmission without uncomfortable pressure points. Cutters additionally induction hardened.  
**Item# 32640** Set Includes:  lbs.  
32616 Lineman's Pliers - 9.0" 1.60  
32636 BiCut SuperCut - 8.0"


**Soft Grip BiCut SuperCut & Screwdriver Set**



**32644 7 Pc. Soft Grip BiCut SuperCut & Screwdriver Set**  lbs. 1.78  
**Item No. BiCut SuperCut:**  
32644 8.0"/200mm BiCut SuperCut  
**Screwdrivers:** Phillips: #0, #1, #2  
Slotted: 3.0, 4.0, 6.5mm

**Combo Pliers & Bit Set**




**77786 15 Pc. Ultra Driver & Pliers Set** With BiCut SuperCut & Ultra Driver Bit Set  
**Item No. 77786**  lbs. 1.17  
**8.0" Soft Grip Vinyl BiCut SuperCut**  
For cutting various materials from soft to extremely hard. Double the power at the press of a button.  
**Ultra Driver Double End Bits:**  
**Slotted:** 3.0+4.5, 5.5+6.5mm  
**Phillips:** #1+2, #0+3  
**Pozidriv®:** #1+2  
**Square:** #1+2, #0+3  
**Torx®:** T10+T15, T20+T25  
**Hex Inch:** 1/8+9/64, 5/32+3/16"  
**Hex MM:** 3.0+4.0, 5.0+6.0mm

**Wiha Soft Grip Belt Pack Pouch Sets**


Durable Canvas Belt Pack Pouch



**32653 3 Pc. Pliers/Cutters In Belt Pack Pouch** Pliers precision formed. Jaws & cutters induction hardened. Soft vinyl grips are oil & solvent resistant.  
**Item No. Pliers & Cutters**  
32653 8.0"/200mm High Leverage Cutters  
8.0"/200mm Combo Pliers  
8.0"/200mm Long Nose Pliers  
 lbs. 2.02

Durable Canvas Belt Pack Pouch



**32655 5 Pc. 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.  
**Item No. Pliers & Cutters**  lbs. 1.62  
32655 6.3"/160mm Diagonal Cutters  
8.0"/200mm Long Nose Pliers  
**Cushion Grip Screwdrivers:**  
Slotted: 3.0, 4.5mm Phillips: 2


**Pliers & Cutters Pouch Set**

In canvas pouch



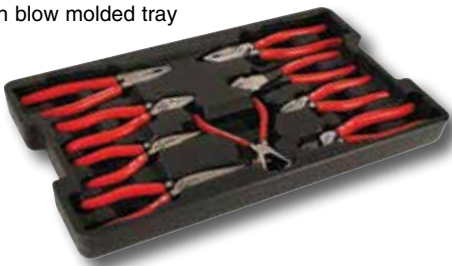
Pliers precision formed



**32608 8 Pc. Pliers/Cutters** Jaws & cutters induction hardened. Long life edge is achieved through additional induction hardening to approx. 60 HRC.  
**Item No. Set Includes:**  
32608 6.3"/160mm Combination 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

**Soft Grip Pliers & Cutters In Tool Box Tray**

Tool box set in blow molded tray



**32679 9 Piece Pliers & Cutters Set In Tool Box Tray** Pliers & cutters set in a light weight tool box tray.  
**Item No.**  
32679 9.0" Lineman's Pliers 8.0" Combo Pliers  
6.3" Long Nose Pliers 8.0" Cable Cutters  
8.0" Long Nose Pliers 6.3" Stripping Pliers  
lbs. 6.3" Diagonal Cutters 7.0" Crimping Pliers  
6.34 8.0" Diagonal 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	Inch/mm	lbs.	Pkg.
32681	139	5.5	5/16-1/2	8-13	.035/.9	.27	1
32682	140	5.5	1/2-1	12-25	.050/1.3	.27	1
32683	180	7.0	3/4-2 3/8	19-60	.070/1.5	.42	1
32684	225	8.9	1 1/2-4	40-100	.090/2.3	.63	1
32654	310	12.2	3.5-5.5	85-140	.126/3.2	1.1	1

## Retaining Ring Pliers - External



### 326 Straight External Retaining Ring Pliers

**DIN ISO 5254** Shape A, straight tips. Die forged cylindrical precision formed. For fitting & removing external retaining rings.

Item No.	mm	Inch	Inch	mm	Inch/mm	lbs.	Pkg.
32689	139	5.5	1/8-3/8	3-10	.035/.9	.28	1
32690	140	5.5	3/8-1	10-25	.050/1.3	.28	1
32691	180	7.0	3/4-2 3/8	19-60	.070/1.5	.45	1
32692	225	8.9	1 1/2-4	40-100	.090/2.3	.62	1
32662	310	12.2	3.5-5.5	85-140	.126/3.2	1.1	1

### 32628 5 Piece Straight External Ring Pliers Set

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

Item#	Set Includes:	lbs.
32689	3-10mm / tip .035	1.52
32690	10-25mm / tip .050	
32691	19-60mm / tip .070	
32692	40-100mm / tip .090	
32662	85-140mm / tip .126	

## 90° Angle Retaining Ring Pliers - Internal

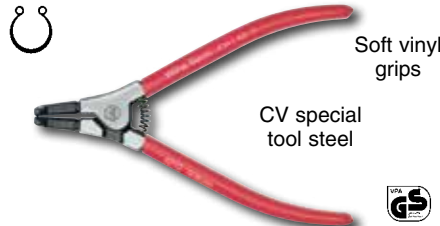


### 326 90° Angle Internal Retaining Ring Pliers

**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	Inch/mm	lbs.	Pkg.
32685	139	5.5	5/16-1/2	8-13	.035/.9	.27	1
32686	140	5.5	1/2-1	12-25	.050/1.3	.27	1
32687	180	7.0	3/4-2 3/8	19-60	.070/1.5	.42	1
32688	225	8.9	1 1/2-4	40-100	.090/2.3	.62	1
32656	310	12.2	3.5-5.5	85-140	.126/3.2	1.1	1

## 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. For fitting & removing external retaining rings.

Item No.	mm	Inch	Inch	mm	Inch/mm	lbs.	Pkg.
32694	139	5.5	1/8-3/8	3-10	.035/.9	.28	1
32695	140	5.5	3/8-1	10-25	.050/1.3	.28	1
32696	180	7.0	3/4-2 3/8	19-60	.070/1.5	.44	1
32697	225	8.9	1 1/2-4	40-100	.090/2.3	.63	1
32666	310	12.2	3.5-5.5	85-140	.126/3.2	1.2	1

### 32629 5 Piece 90° Angle External Ring Pliers Set

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

Item#	Set Includes:	lbs.
32694	3-10mm / tip .035	1.52
32695	10-25mm / tip .050	
32696	19-60mm / tip .070	
32697	40-100mm / tip .090	
32666	85-140mm / tip .126	

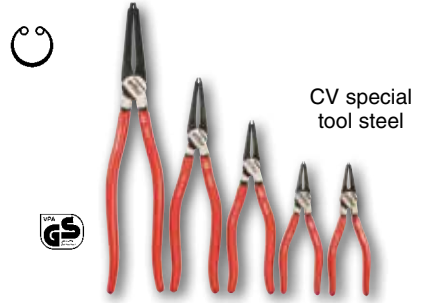
## Forged Retaining Ring Pliers



### 32693 8 Pc. Straight Retaining Ring Pliers Set

Straight tips. For inserting & removing internal and external retaining rings.

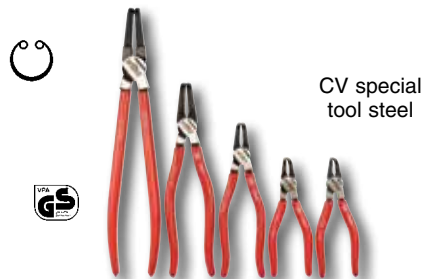
Item#	Set Includes:	lbs.	
32693	8 Pliers	3.65	
Internal-Shape C		External-Shape A	
32681	8-13mm/tip .035	32689	3-10mm/tip .035
32682	12-25mm/tip .050	32690	10-25mm/tip .050
32683	19-60mm/tip .070	32691	19-60mm/tip .070
32684	40-100mm/tip .090	32692	40-100mm/tip .090



### 32626 5 Piece Straight Internal Ring Pliers Set

Shape C, straight tips. Die forged cylindrical precision formed. For inserting & removing internal retaining rings.

Item#	Set Includes:	lbs.
32626	5 Pliers	1.60
32681	8-13mm / tip .035	1.60
32682	12-25mm / tip .050	
32683	19-60mm / tip .070	
32684	40-100mm / tip .090	1.26
32654	85-140mm / tip .126	



### 32627 5 Piece 90° Angle Internal Ring Pliers Set

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

Item#	Set Includes:	lbs.
32627	5 Pliers	1.56
32685	8-13mm / tip .035	1.56
32686	12-25mm / tip .050	
32687	19-60mm / tip .070	
32688	40-100mm / tip .090	1.26
32656	85-140mm / tip .126	

**Wiha MagicTip Safety Ring Pliers**

**“MagicTips”**



High performance precision notched tips for maximum stability & secure holding (Safety notched on .070, .090 & .126)



Patents Pending

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



**Safety Notched**

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

Heavy duty forged pliers with soft vinyl grips

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


**No Dropped Rings!**



Soft vinyl grips



**34699 12 Pc. Straight And 90° Internal & External Ring Pliers Set** Precision machined tips of CV special tool steel. For inserting & removing retaining rings.

<b>Item# 34699</b>	<b>Set Includes:</b>		<b>lbs. 8.52</b>
<b>34610</b>	19-60mm / tip .070	<b>34620</b>	19-60mm / tip .070
<b>34611</b>	40-100mm / tip .090	<b>34621</b>	40-100mm / tip .090
<b>34612</b>	85-140mm / tip .126	<b>34622</b>	85-140mm / tip .126
<b>34615</b>	19-60mm / tip .070	<b>34625</b>	19-60mm / tip .070
<b>34616</b>	40-100mm / tip .090	<b>34626</b>	40-100mm / tip .090
<b>34617</b>	85-140mm / tip .126	<b>34627</b>	85-140mm / tip .126

**MagicTip Safety Ring Pliers - Internal**



Soft vinyl grips

**346 MagicTip Straight Internal Safety Ring Pliers** DIN ISO 5256 Shape C, straight tips.

Precision machined tips of CV special tool steel. For inserting & removing internal retaining rings.

Item No.	mm	Inch	Inch	mm	Inch/mm	lbs.	Pkg.
<b>34610</b>	180	7.1	3/4-2 3/8	19-60	.070/1.5	.34	1
<b>34611</b>	220	8.7	1 1/2-4	40-100	.090/2.3	.54	1
<b>34612</b>	305	12.0	3.5-5.5	85-140	.126/3.2	.90	1

**MagicTip Safety Ring Pliers- External**

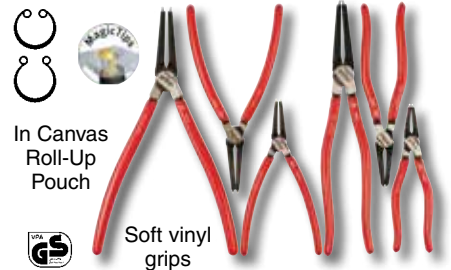


Soft vinyl grips

**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.


Item No.	mm	Inch	Inch	mm	Inch/mm	lbs.	Pkg.
<b>34620</b>	185	7.3	3/4-2 3/8	19-60	.070/1.5	.34	1
<b>34621</b>	240	9.5	1 1/2-4	40-100	.090/2.3	.57	1
<b>34622</b>	300	11.8	3.5-5.5	85-140	.126/3.2	1.0	1



In Canvas Roll-Up Pouch

Soft vinyl grips

**34697 6 Pc. Straight Internal & External Ring Pliers Set** Precision machined tips of Chrome-vanadium special tool steel.

<b>Item# 34697</b>	<b>Set Includes:</b>		<b>lbs. 4.04</b>
<b>34610</b>	19-60mm / tip .070	<b>34620</b>	19-60mm / tip .070
<b>34611</b>	40-100mm / tip .090	<b>34621</b>	40-100mm / tip .090
<b>34612</b>	85-140mm / tip .126	<b>34622</b>	85-140mm / tip .126

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



Soft vinyl grips

**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.

Item No.	mm	Inch	Inch	mm	Inch/mm	lbs.	Pkg.
<b>34615</b>	180	7.1	3/4-2 3/8	19-60	.070/1.5	.34	1
<b>34616</b>	220	8.7	1 1/2-4	40-100	.090/2.3	.54	1
<b>34617</b>	305	12.0	3.5-5.5	85-140	.126/3.2	.94	1

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

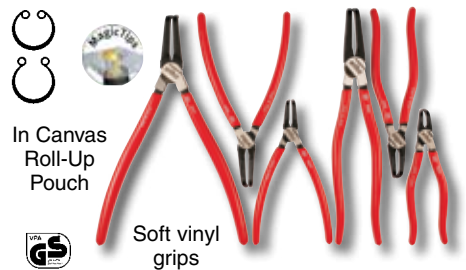


Soft vinyl grips

**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.


Item No.	mm	Inch	Inch	mm	Inch/mm	lbs.	Pkg.
<b>34625</b>	185	7.3	3/4-2 3/8	19-60	.070/1.5	.36	1
<b>34626</b>	240	9.5	1 1/2-4	40-100	.090/2.3	.57	1
<b>34627</b>	300	11.8	3.5-5.5	85-140	.126/3.2	1.1	1



In Canvas Roll-Up Pouch

Soft vinyl grips

**34698 6 Pc. 90° Angle Internal & External Ring Pliers Set** Precision machined tips of CV special tool steel. For inserting & removing retaining rings. Soft vinyl grips

<b>Item# 34698</b>	<b>Set Includes:</b>		<b>lbs. 4.46</b>
<b>34610</b>	19-60mm / tip .070	<b>34620</b>	19-60mm / tip .070
<b>34611</b>	40-100mm / tip .090	<b>34621</b>	40-100mm / tip .090
<b>34612</b>	85-140mm / tip .126	<b>34622</b>	85-140mm / tip .126





## 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.

**40/60 Dynamic Joint**



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

Induction hardened cutters



Ergonomic shape for maximum user comfort

Anti-slip soft dual material handles for safe gripping

Slip guards molded into grip

Two component SoftGrip ergo handle



## Industrial SoftGrip Combination Pliers



### 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. 64HRC. Special C70 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 Cap.		Copper AWG	lbs.	Pkg.
	mm	Inch			
30901	160	6.3	#10	.52	1
30903	180	7.0	#9	.67	1
30905	200	8.0	#8	.83	1

## Industrial SoftGrip Linemans Crimpers



### 30912 Industrial Linemans Crimpers

**DIN ISO 5746** Extra large head & extra long cutting edges for flat and round cables. Cutting edges additionally induction hardened to approx. 64HRC. Special C70 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 Cap.		Copper AWG	lbs.	Pkg.
	mm	Inch			
30912	225	9.0	#4	1.1	1

## 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. 64HRC. C70 special CV tool steel.

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

## Industrial SoftGrip Diagonal Cutters



### 309 Industrial Diagonal Cutters DIN ISO 5749

Low wear lap joint, riveted & able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening to approx. 64HRC. Special C70 tool steel forgings hardened & tempered. For soft & medium hard wire.

Item No.	Cutting Capacity		Copper AWG	lbs.	Pkg.
	mm	Inch			
30923	140	5.5	#6	.45	1
30925	160	6.3	#6	.57	1
30927	180	7.0	#6	.69	1

## Industrial SoftGrip Heavy Duty Combo Pliers



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

Larger Head & extra long cutting edges for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. Special C70 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 Cap.		Copper AWG	lbs.	Pkg.
	mm	Inch			
30907	200	8.0	#7	.81	1
30909	225	9.0	#6	1.0	1

## Industrial SoftGrip BiCut SuperCut



Cutting capacity up to 3mm hardened piano wire



Double the power at the press of a button BiCut does the job of two pairs of pliers Up to 50% less hand strength required for cutting Cutting force doubled for extremely hard materials Switch between 2 strengths in one-handed operation

### 30936 Industrial SoftGrip BiCut SuperCut

For cutting various materials from soft to extremely hard, such as nails, screws, bolts, wire cables, spring wires, chains, etc.

Item No.	Cutting Capacity		Pkg.	lbs.
	mm	Inch		
30936	200	8.0	1	.78

## Industrial SoftGrip High Leverage Diagonal 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. 64HRC. C60 special C70 tool steel hardened and tempered.

Item No.	Cutting Capacity		Copper AWG	lbs.	Pkg.
	mm	Inch			
30929	160	6.3	#6	.57	1
30931	180	7.0	#5	.68	1
30933	200	8.0	#4	.89	1

Made by Wiha

**Industrial SoftGrip  
NE Style Lineman's Pliers**



Knurled  
Striking  
Zone



**30940 Industrial NE Style Lineman's Pliers**

Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel hardened & tempered. Extra long cutting edge for flat and round cables. Two component SoftGrip handle.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Pkg.	wt.	
30940	245	9.5	1	1.18	

**Industrial SoftGrip  
Long Nose Pliers**



**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. 64HRC. C70 Special tool steel. Two component SoftGrip handle.

Item	↔	↔	Cutting Cap.	↔	↔
No.	mm	Inch	AWG	lbs.	Pkg.
30911	160	6.3	#10	.41	1
30913	200	8.0	#8	.56	1

**Industrial SoftGrip  
Bent Long Nose Pliers**

Angled approx. 40°



**309 Industrial Bent Nose Pliers With**

**Cutters** DIN ISO 5745 Long nose pliers angled approx. 40°. Extra long cutting edge for flat & round wires. Gripping surfaces serrated in parts. Cutting edges additionally induction hardened to approx. 64HRC. C70 Special tool steel. Two component SoftGrip handle.

Item	↔	↔	Cutting Capacity	↔	↔
No.	mm	Inch	Copper AWG	lbs.	Pkg.
30915	160	6.3	#10	.42	1
30917	200	8.0	#8	.57	1

**Industrial SoftGrip  
Flat Nose Pliers**



**30919 Industrial Long Flat Nose Pliers**

DIN ISO 5745 Extra long head. Gripping surfaces serrated and induction hardened. C70 Special tool steel. Two component SoftGrip handle. Gripping and right-angled bending of wires and sheet metal parts.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Pkg.	lbs.	
30919	160	6.3	1	.43	

**Industrial SoftGrip  
Long Round Nose Pliers**



**30921 Industrial Long Round Nose Pliers**

DIN ISO 5745 Extra long head. Gripping surfaces serrated and induction hardened. C70 Special tool steel. Two component SoftGrip handle. Gripping and bending of wires and sheet metal parts.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Pkg.	lbs.	
30921	160	6.3	1	.39	

**Industrial SoftGrip  
Heavy Duty End Nippers**



**30939 Industrial Heavy Duty End Cutting Nippers**

Induction hardened cutting edges. Special tool steel. Gripping and right-angled bending of wires and sheet metal parts. Two component SoftGrip handle.

Item	↔	↔	↔	↔	↔
No.	mm	Inch	Pkg.	lbs.	
30939	200	8.0	1	.54	

**Industrial SoftGrip  
Stripping Pliers**



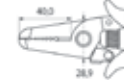
For stripping up to  
Ø 5mm/#4 AWG

**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 C70 tool steel edges. Stripping Diameter: .019" to .393".

Item	↔	↔	Stripping Capacity	↔	↔
No.	mm	Inch	Copper AWG	lbs.	Pkg.
30947	160	6.3	#8 - #28	.48	1

**Stripping Pliers**



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

**Industrial BiCut SuperCut  
& Screwdriver Set**



**30942 7 Pc. Industrial BiCut SuperCut & Screwdriver Set**

↔ lbs. 1.86  
Item No. BiCut SuperCut:  
30942 8.0"/200mm BiCut SuperCut  
Screwdrivers: Phillips: #0, #1, #2  
Slotted: 3.0, 4.0, 6.5mm

## Industrial SoftGrip Standard Adjustable Pliers

With box joint



### 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. 64HRC. Chrome-vanadium tool steel forgings, hardened and tempered. Two component SoftGrip ergonomic handle. Black finish.

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

## Industrial SoftGrip Push Button Adj. Pliers

With box joint



### 309 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. 64HRC. Finger jam protection for safe operation at all settings. CVM tool steel forgings, hardened and tempered.

Item No.	mm	Inch	Capacities		lbs.	Pkg.
			Round	Hex		
30943	250	10.0	1 3/4"	2"	.95	1
30944	300	12.0	2 1/2"	2 9/16"	1.5	1

## Industrial SoftGrip Pliers & Cutters 2 Piece Set



### 30941 2 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.
30912	Lineman's Pliers - 9.0"	1.88
30936	BiCut SuperCut - 8.0"	

## 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 Pc. Industrial SoftGrip Pliers & Cutters Set

Maximum comfort in daily use, smooth operation & 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.
9.0"	Heavy Duty Combination Pliers	
8.0"	Long Nose Pliers	2.81
8.0"	High Leverage Diagonal Cutters	
7.0"	ComfortGrip Stripping Pliers	



### 30998 8 Pc. Industrial SoftGrip Pliers & Cutters Set

Maximum comfort in daily use, smooth operation & 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.
6.3"	Combination Pliers	
9.0"	Heavy Duty Combination Pliers	4.91
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	



### 30991 18 Pc. Industrial SoftGrip Pliers/Cutters, Screwdrivers & Wrenches Set

Maximum comfort in daily use, smooth operation & 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.
8.0"	Combination Pliers	
6.3"	Long Nose Pliers	6.76
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", 3/8"x7/16", 1/2"x9/16", 5/8"x11/16", 3/4"x7/8"		

## Soft Grip Electrician's shears



### 32611 SoftGrip Electrician's And Craftsman Shears

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

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



### 32610 Multipurpose Electrician's Heavy Duty Shears

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



**Wiha Precision Electronic Pliers & Cutters**

**The Comfortable Precision Pliers & Cutters**

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

Light weight design for maximum user comfort in production work

C70 tool steel HR60 hardness



Lay-on, riveted precision joint



Precision ground cutting edges for smooth cuts

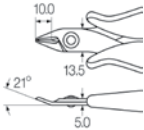
Glare free black finish

Velvet soft ergonomically designed multi component handle

**Electronic Diagonal Cutters**



Full Flush



**56818 Precision Electronic Diagonal**

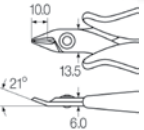
**Cutters, Wide Pointed Head** Cutting edge - full flush. With return spring. C70 special tool steel. For an absolutely flush cut of copper wire.

Item No.	mm	Inch	Cut Capacity	lbs.	Pkg.
56818	138	5.5	1.3mm/16AWG	.22	1

**Electronic Diagonal Cutters**



Semi Flush

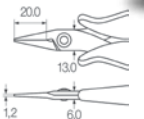


**56815 Precision Electronic Diagonal**

**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	Capacity	Hard Wire	Pkg.
56815	138	5.5	2.0mm/16AWG	0.8	1

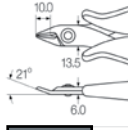
**Electronic Pointed Pliers**



**Electronic Diagonal Cutters**



Full Flush



Wire Holding Spring

**56825 Precision Electronic Diagonal Cutters, Wide Shape With Wire Holding Spring**

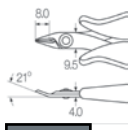
Wide, Pointed head. Cutting edge - full flush. With return spring & fixture for holding ends of wires that have been cut off. C70 special tool steel. For an absolutely flush cut of copper wire.

Item No.	mm	Inch	Cut Capacity	lbs.	Pkg.
56825	138	5.5	1.3mm/16AWG	.23	1

**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.

Item No.	mm	Inch	Cut Capacity	Pkg.
56812	118	4.5	0.8mm/16AWG	1

**56801 Electronic Short Nose Precision Pliers**

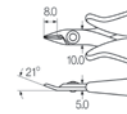
Narrow, short head. Smooth jaws. Width at tip is only 1.2mm. C70 special tool steel. For holding small components as well as for holding and angling wires.

Item No.	mm	Inch	Pkg.	lbs.
56801	138	5.5	1	.23

**Electronic Diagonal Cutters**



Full Flush



Wire Holding Spring

**56813 Precision Electronic Diagonal Full Flush Cutters With Wire Trapping Spring**

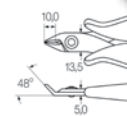
Extra narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. With return spring. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

Item No.	mm	Inch	Cut Capacity	lbs.	Pkg.
56813	128	5.0	1.0mm/16AWG	.19	1

**Electronic Oblique 48° Cutter**



Full Flush



**56833 Electronic Oblique 48° Cutter**

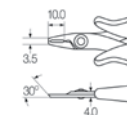
Wide pointed head. Cutting edge - full flush. With cutting edge at 48° for cutting obliquely from above or from the side. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

Item No.	mm	Inch	Cut Capacity	lbs.	Pkg.
56833	138	5.5	1.3mm/16AWG	.22	1

**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.

Item No.	mm	Inch	Cut Capacity	lbs.	Pkg.
56830	118	4.5	0.6mm/16AWG	.19	1



## Wiha ESD Safe Pliers & Cutters



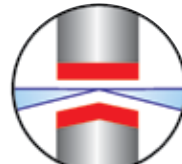
Beveled Cutter



Semi-Flush Cutter



Flush Cutter



Ultra Full Flush

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

ESD standard IEC 61340-5-1



Welded double leaf spring

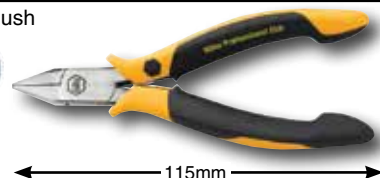
Two component handle with non-slip soft grip surface

Protects the hand and reduces manual effort & user fatigue

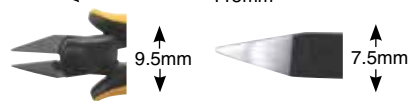
Hardened & annealed high carbon tool steel, induction hardened cutting edges

### Precision Cutters Tapered Head

Semi Flush



115mm



9.5mm

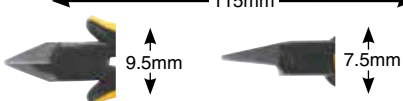
7.5mm

### Precision Cutters Tapered Head

Semi Flush



115mm



9.5mm

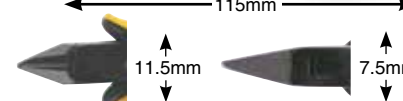
7.5mm

### Precision Cutters Wide Tapered Head

Bevel



115mm



11.5mm

7.5mm

#### 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.

1.9 lbs.

Item No.	mm	Inch	Copper Head	Width	lbs.	Pkg.
32703	115	4.5	1.0	9.5mm	.19	1

#### 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.

Item No.	mm	Inch	Copper Head	Width	lbs.	Pkg.
32702	115	4.5	1.0	9.5mm	.19	1

#### 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.

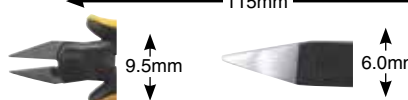
Item No.	mm	Inch	Copper Head	Width	lbs.	Pkg.
32706	115	4.5	1.4	11.0mm	.20	1

### Precision Cutters Tapered Head

Flush



115mm



9.5mm

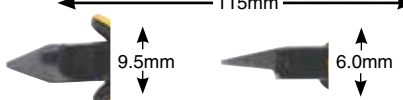
6.0mm

### Precision Cutters Tapered Head

Flush



115mm



9.5mm

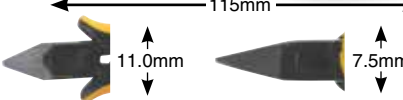
6.0mm

### Precision Cutters Wide Tapered Head

Flush



115mm



11.0mm

7.5mm

#### 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.

Item No.	mm	Inch	Copper Head	Width	lbs.	Pkg.
32705	115	4.5	1.0	9.5mm	.19	1

#### 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. ESD Safe Dissipative.

Item No.	mm	Inch	Copper Head	Width	lbs.	Pkg.
32704	115	4.5	1.0	9.5mm	.19	1

#### 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.

Item No.	mm	Inch	Copper Head	Width	lbs.	Pkg.
32708	115	4.5	1.2	11.0mm	.19	1

**Precision Cutters Wide Tapered Head**

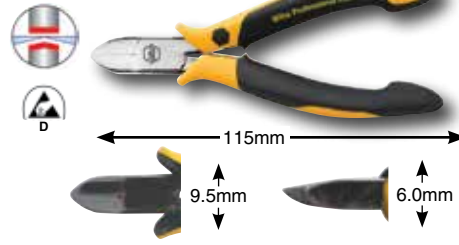
Full Flush



**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.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32710** 115 4.5 1.0 11.0mm .23 1

**Precision Cutters Slim Oval Form**

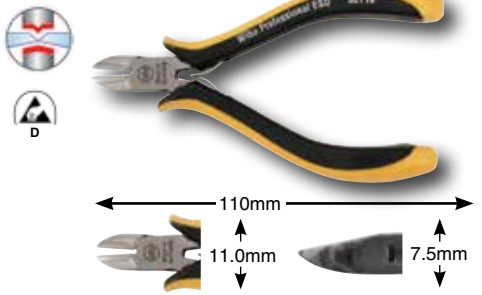
Full Flush



**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.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32714** 115 4.5 1.0 10.0mm .23 1

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

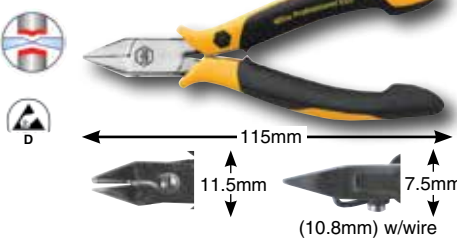
Bevel



**32718 Precision Cutters, Wide Oval Head Carbide Cutting Edges, Bevel** Cutters drop-forged for an ideal material structure. Precise aligned carbide cutting edge. ESD Safe Dissipative.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32718** 110 4 3/8 1.6 11.0mm .20 1

**Precision Cutters Wide Tapered Head**

Flush



**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. ESD Safe Dissipative.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32711** 115 4.5 1.2 11.0mm .19 1

**Precision Cutters Wide Oval Form**

Bevel



**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.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32716** 115 4.5 1.4 11.0mm .19 1

**Precision Cutters Wide Oval Form**

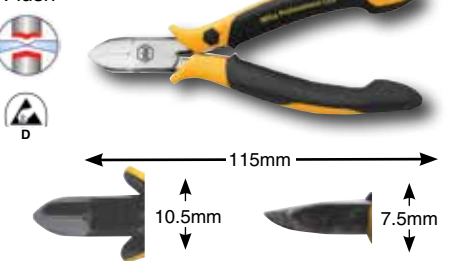
Flush



**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.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32721** 115 4.5 1.2 11.0mm .23 1

**Precision Cutters Slim Oval Form**

Flush



**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.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32712** 115 4.5 1.0 10.5mm .23 1

**Precision Cutters Wide Oval Form**

Flush



**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.  
**Item No.** mm Inch Copper Head Wdth lbs. Pkg.  
**32720** 115 4.5 1.2 11.0mm .19 1



## Oblique Angled Cutters

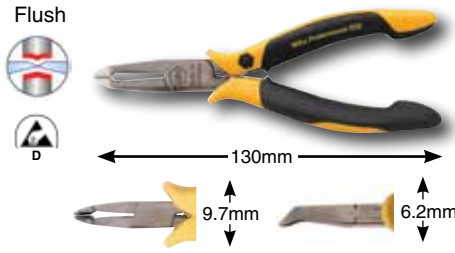


**32722** Oblique Angled Cutters, 29°, Flush

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.

Item No.	mm	Inch	Copper	Head Wdth	lbs.	Pkg.
32722	115	4.5	1.2	12.0mm	.24	1

## Oblique Front Cutters

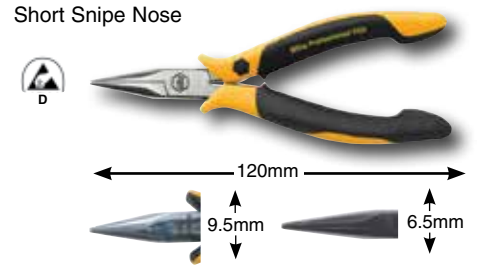


**32728** Oblique Front Cutters, Very Small Head, 40°, Flush

Oblique Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth	lbs.	Pkg.
32728	130	5.1	0.8	8.5mm	.21	1

## ESD Safe Pliers



**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.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32742	120	4 3/4	9.5mm	.20	1

## Oblique Angled Cutters

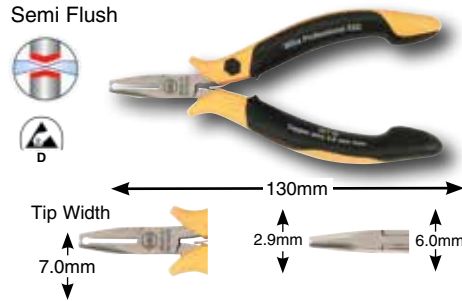


**32724** Oblique Angled Cutters, 29°, Full Flush

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.

Item No.	mm	Inch	Copper	Head Wdth	lbs.	Pkg.
32724	115	4.5	1.0	12.0mm	.24	1

## End Cutters Extra Slim



**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. ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Tip Wdth	lbs.	Pkg.
32732	130	5.1	0.6	4.1mm	.16	1

## ESD Safe Pliers

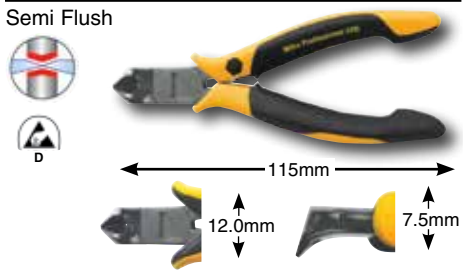


**32744** ESD Safe Pliers, Snipe Nose (Chain Nose) Bent 45°, Smooth Jaws

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32744	120	4 3/4	9.5mm	.20	1

## Oblique Angled Cutters



**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.

Item No.	mm	Inch	Copper	Head Wdth	lbs.	Pkg.
32726	115	4.5	1.2	12.0mm	.24	1

## End Cutters Wide Head

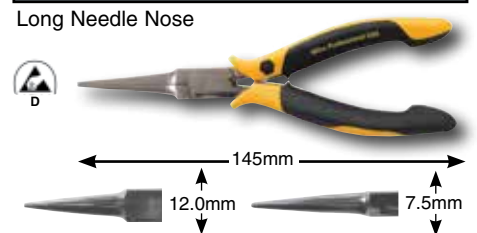


**32734** End Cutters, Wide Head, Flush

End Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. ESD Safe Dissipative.

Item No.	mm	Inch	Copper	Head Wdth	lbs.	Pkg.
32734	115	4.5	1.4	11.0mm	.18	1

## ESD Safe Pliers



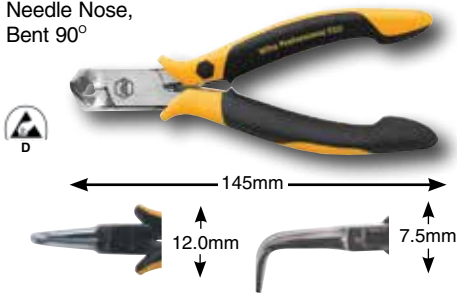
**32746** ESD Safe Pliers, Long Needle Nose Pliers, Straight, Serrated Jaws

Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32746	145	5 3/4	12.0mm	.27	1

**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.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32748	145	5 3/4	12.0mm	.21	1

**ESD Safe Pliers**

Short Round  
Nose Pliers

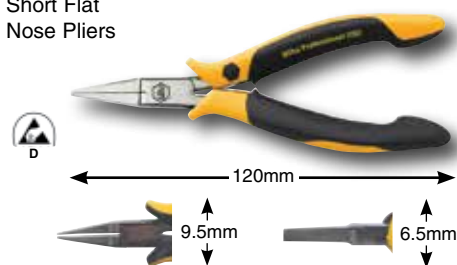


**32750 ESD Safe Pliers, Short Round Nose Pliers, Smooth Jaws** Pliers drop-forged for an ideal material structure. Precisely aligned, jaws, hardened. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32750	120	4 3/4	9.5mm	.17	1

**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.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32752	120	4 3/4	9.5mm	.16	1

**ESD Safe Diagonal Cutters**



**32760 ESD Safe Precision Flush Cutting Diagonal Cutters** Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32760	133	5.25	.5"	.18	1

**ESD Long Nose Pliers**



**32762 ESD Safe Long Nose Pliers With Return Spring** Extra long cutters for flat and round cables. Serrated jaws. Long life edge is achieved through additional induction hardening to approx. 64HRC. Special C70 tool steel forgings. Two component non-slip soft grip handle, ESD Safe Dissipative.

Item No.	mm	Inch	Head Wdth	lbs.	Pkg.
32762	165	6.5	.625"	.24	1

ESD standard IEC 61340-5-1



**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.

**#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. 1.02

**ESD Safe Tool Set In Canvas Pouch**

ESD standard IEC 61340-5-1



**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.

**#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**

Slotted 2.0, 2.5, 3.0, 3.5mm

Phillips #00, 0, 1

lbs. 2.43

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 pc. ESD Safe Pliers, Tweezers & SYS 4 precision Set in custom case:**

**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:** AA SA ESD & 7a SA ESD

lbs. 1.32



## Wiha ESD Safe Protorn Pliers & Cutters

# protorn

Hardened steel  
return spring

Glare free  
black finish

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

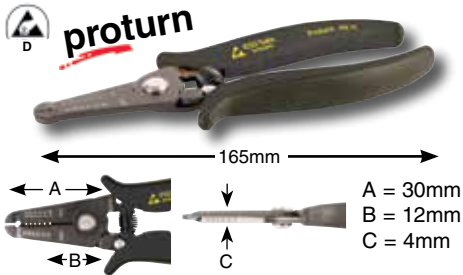


ESD standard  
IEC 61340-5-1



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

### ESD Safe Wire Stripper

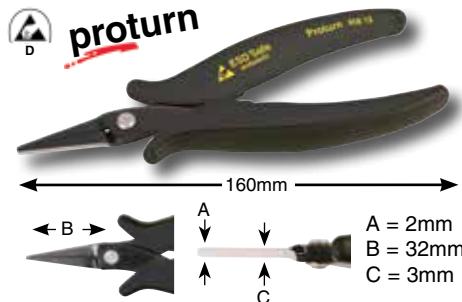


#### 45810 Protorn ESD Safe Wire Stripper

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

Item No.	mm	Inch	Strips AWG	Pkg.	lbs.
45810	165	6.5	30 to 20	1	.25

### ESD Safe Flat Nose Pliers

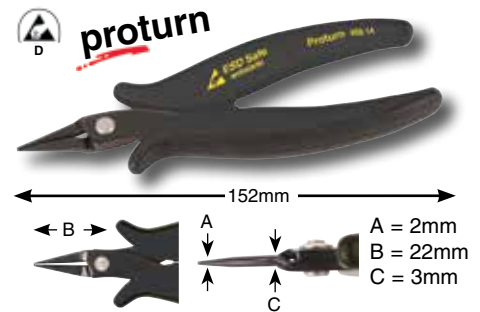


#### 45812 Protorn ESD Safe Flat Nose

Smooth Jaws Pliers C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

Item No.	mm	Inch	Pkg.	lbs.
45812	160	6.3	1	.18

### ESD Safe Round Nose Pliers

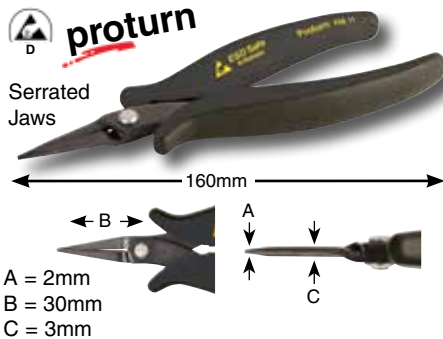


#### 45814 Protorn ESD Safe Round Nose

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

Item No.	mm	Inch	Pkg.	lbs.
45814	152	6.0	1	.17

### ESD Safe Long Nose Pliers



#### 45811 Protorn ESD Safe Long Nose

Pliers, Serrated Jaws C70 special tool steel. Glare free, black finish. ESD Safe handle with non-slip grips.

Item No.	mm	Inch	Pkg.	lbs.
45811	160	6.3	1	.18

### ESD Safe Bent Nose Pliers

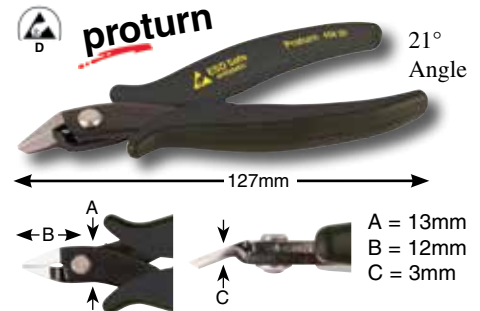


#### 45813 Protorn ESD Safe Bent Nose Pliers

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

Item No.	mm	Inch	Pkg.	lbs.
45813	152	6.0	1	.18

### ESD Safe Diagonal Cutters



#### 45820 Protorn 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.

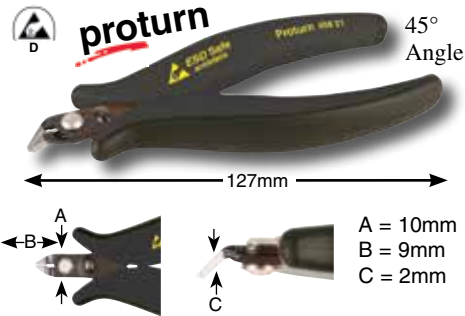
Item No.	mm	Inch	AWG	Pkg.	lbs.
45820	127	5.0	18/1mm	1	.16



**Wiha ESD Safe Protturn Pliers & Cutters**

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

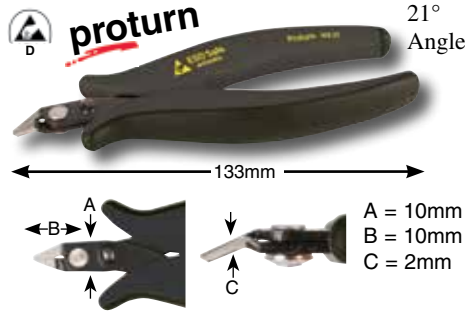
**ESD Safe Diagonal Cutters**



**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.

Item No.	mm	Inch	AWG	Pkg.	lbs.
45821	127	5.0	18/1mm	1	.14

**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.

Item No.	mm	Inch	AWG	Pkg.	lbs.
45823	133	5.25	14/1.6mm	1	.14

**Wiha ESD Safe Protturn Pliers/Cutters, Precision Drivers & MicroBits Set**



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 Set in Canvas Pouch**

**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 Drivers**  
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: 00 SA ESD - 120mm Heavy Duty Strong, Tapered To Strong Point**  
lbs. 1.74

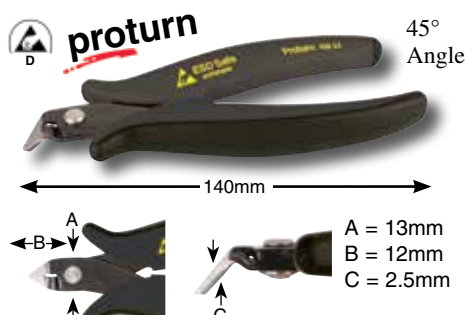
**ESD Safe Diagonal Cutters**



**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.

Item No.	mm	Inch	AWG	Pkg.	lbs.
45822	140	5.5	16/1.3mm	1	.15

**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.

Item No.	mm	Inch	AWG	Pkg.	lbs.
45824	140	5.5	14/1.6mm	1	.16



## Wiha Pipe Wrenches Narrow Style

### 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 & secure grip with back raked serrated jaws



#### 32995 3 Piece Pipe Wrench Sets

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

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



#### 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.

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

### 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 CV steel, induction hardened jaws. Safe & secure grip on pipes & hex nuts.

Item No.	Inch OAL	Max. grip pipe dia.	maximum jaw opening	↔ 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

### 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 CV steel, induction hardened jaws. Safe & secure grip on pipes, flat work-pieces & nuts.

Item No.	Inch OAL	Max. grip pipe dia.	maximum jaw opening	↔ 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

### 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 CV steel, induction hardened jaws. Safe and secure grip on pipes, flat work-pieces & nuts.

Item No.	Inch OAL	Max. grip pipe dia.	maximum jaw opening	↔ 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

## Wiha Ratchet Crimpers

### Ratchet End Sleeve Crimper



5 die nests side  
entry crimp

Factory set  
auto release  
at end of  
crimp cycle



#### 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.

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

### Ratchet Crimper For Standard Connectors



Factory set auto release  
at end of crimp cycle



Soft grip non-slip

#### 43618 Ratchet Crimper For Standard Connectors

Crimps Insulated & non-insulated connectors. 3 crimp positions range AWG 20-18 red, 16-14 blue, 12-10 yellow.

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

### Ratchet Crimper Push On Terminals



Crimp Profile  
"F"/"B"

Factory set auto  
release at end of  
crimp cycle



Soft grip non-slip

#### 43624 Ratchet Crimper Push On Terminals

Crimps Insulated & non-insulated terminals. 4 crimp positions range AWG 24-20, 20-18, 16-14, 12-10. Soft grip non-slip handles.

Item No.	Inch Length	AWG Range	↔ lbs.	📦 Pkg.
43624	220mm/8.6"	24-10	1.06	1

### Ratchet Crimper For Eye Terminals



Self  
adjusting  
side entry  
crimp

Factory set auto  
release at end of  
crimp cycle



Soft grip non-slip

#### 43643 Ratchet Crimper For Eye Terminals

Crimps Insulated & non-insulated terminals. 4 crimp positions range AWG 26-22, 20-18, 12-10, 8-6.

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

**PortaCrimp Dies, Frame & Sets**

**PortaCrimp Tools**



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



Tested to 50,000 Crimps

Reliable, ratchet controlled, ensures consistent & accurate crimp

Parallel action mimics applicator type performance



- **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 Pc. PortaCrimp Die Set Electrical**  
Reliable, ratchet controlled, ensures consistent & accurate crimp.

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



**43192 4 Piece PortaCrimp Die Set Data Com Telco**  
Reliable, ratchet controlled, ensures consistent and accurate crimp.

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



**43127** PortaCrimp Wire Ferrules - Insulated & Non-Insulated

Die set for 24-8 AWG (0.25-10mm)

Item	Crimps		
No.	10/6/4/2.5/	AWG lbs.	Pkg.
<b>43127</b>	1-1.5/.25-.75mm <sup>2</sup>	8-24	1.2 1



**43154** PortaCrimp Wire Ferrules - Insulated & Non-Insulated

Die set for 2-1/0 AWG (35-50mm)

Item	Crimps	AWG	lbs.	Pkg.
<b>43154</b>	50 & 35mm <sup>2</sup>	1/0 & 2	1.2	1



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

Item	Crimps	AWG	lbs.	Pkg.
<b>43139</b>	10/6/4mm <sup>2</sup>	8/10/12	1.2	1



**43153** PortaCrimp Wire Ferrules - Insulated & Non-Insulated

Die set for 6-4 AWG (16-25mm)

Item	Crimps	AWG	lbs.	Pkg.
<b>43153</b>	25 & 16mm <sup>2</sup>	6 & 4	1.2	1



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

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



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

Item	Crimps		
No.	1.5-2.5 &	AWG lbs.	Pkg.
<b>43151</b>	0.5-1.5mm <sup>2</sup>	22-14	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.



**43143 PortaCrimp Weather Pack Open Barrel Terminals**

Item No.	Crimps	AWG	lbs.	Pkg.
43143	3.0-0.5mm <sup>2</sup>	12-20	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 No.	Crimps	lbs.	Pkg.
43138	9.14 & 8.23mm (.360"/.324")	1.2	1



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

Item No.	lbs.	Pkg.
43132	1.2	1



**43141 PortaCrimp Fiber Optic**

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

Item No.	Crimps	lbs.	Pkg.
43141	4.52/5.41/3.84/3.25mm (.178"/.213"/.151"/.128")	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 No.	Crimps	lbs.	Pkg.
43140	4.52/3.25/1.69mm hex 0.7mm sq. (.178"/.128"/.068" hex, .028")	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



**43136 PortaCrimp Coaxial Network & Communications**

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

Item No.	Crimps	lbs.	Pkg.
43136	1.69/5.41/6.48mm (.213"/.255"/.068" hex)	1.2	1



**43144 PortaCrimp Datacom/Telecom Modular Plug** Die set for 8-position 8-contact RJ45

Item No.	lbs.	Pkg.
43144	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. lbs. 1.2 Pkg. 1

Item	Crimps
No.	0.5-1.5mm <sup>2</sup> (22-16AWG) red
<b>43158</b>	1.5-25mm <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. lbs. 1.2 Pkg. 1

Item	Crimps
No.	4-6mm <sup>2</sup> (12-10AWG) yellow
<b>43162</b>	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	.95	1



**43654 Tool Die D-RJ11**

Item no.	lbs.	Pkg.
<b>43654</b>	1.0	1
Crimps: 6/6, 6/4 RJ11		



**43655 Tool Die D-RJ22**

Item no.	lbs.	Pkg.
<b>43655</b>	1.0	1
Crimps: 4/4, 4/2 RJ22		



**43656 Tool Die D-RJ45**

Item no.	lbs.	Pkg.
<b>43656</b>	1.0	1
Crimps: 8/8, 8/6, 8/4 RJ45 (Primary & secondary strain relief punches)		



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

Item no.	lbs.	Pkg.
<b>43657</b>	1.0	1
Crimps: 8/8, 8/6, 8/4, Universal RJ45 (Primary strain relief punch only)		



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

Item no.	lbs.	Pkg.
<b>43658</b>	1.0	1
Crimps: 6 pos. DEC/6		



**43659 Tool Die D-10POS**

Item no.	lbs.	Pkg.
<b>43659</b>	1.0	1
Crimps: 10 pos.		

## Professional PortaCrimp Solar Connectors



**143164 PortaCrimp Die-Multi-Contact MC3**

Item No.	lbs.	Pkg.
<b>143164</b>	.14	1
Crimps MC3 Solar Connectors: 14-10 AWG		



**143165 PortaCrimp Die-Multi-Contact MC4**

Item No.	lbs.	Pkg.
<b>143165</b>	.16	1
Crimps MC4 Solar Connectors: 14-10 AWG		



**143166 PortaCrimp Die For Tyco Solarlok**

Item No.	lbs.	Pkg.
<b>143166</b>	.14	1
SOLARLOK: 14-10 AWG		



**Crimping Tools**

**Non-Insulated Crimping Tool**

  
Self adjusting  
side entry  
crimp



Die Profile

**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.

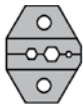
↔ lbs. 1.2     Pkg. 1

#43632	mm	Inch	AWG
	255	10.0	22 - 10 (0.75-6.0mm <sup>2</sup> )

50,000 Cycle Rated

**Ergonomic Coaxial Crimping Tool**

  
Crimp Profile  
3.25/4.52/1.69mm  
(.128/.178/.068"hex)



Die Profile

**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.

↔ lbs. 1.1     Pkg. 1

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

50,000 Cycle Rated

**Ergonomic Coaxial Crimping Tool**

  
Crimp Profile  
9.14/8.23/1.73mm  
(.360/.324/.068"hex)



Die Profile

**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.

↔ lbs. 1.2     Pkg. 1

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

50,000 Cycle Rated

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


  
Crimp Profile  
High Density Type



Die Profile

**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.

↔ lbs. 1.1     Pkg. 1

#43617	mm	Inch	AWG
	212	8.35	28 - 20 (0.08-0.5mm <sup>2</sup> )

50,000 Cycle Rated

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



Crimp Profile  
Standard




Die Profile



**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.

↔ lbs. 1.1     Pkg. 1

#43615	mm	Inch	AWG
	212	8.35	30 - 20 (0.05-0.5mm <sup>2</sup> )

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. C70 special tool steel hardened & tempered. Soft vinyl grips.

Item	↔	↔	↔	↔	↔	↔
No.	mm	Inch	mm <sup>2</sup>	AWG	lbs.	Pkg.
32604	145	5.75	0.25-2.5	14-32	.29	1
32605	180	7.0	0.25-16	6-32	.57	1

(See other soft vinyl grip pliers & cutters on pages 11-14)

**NOTES:**

## Automatic Stripping Tool



Interchangeable stripping blade cassettes



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

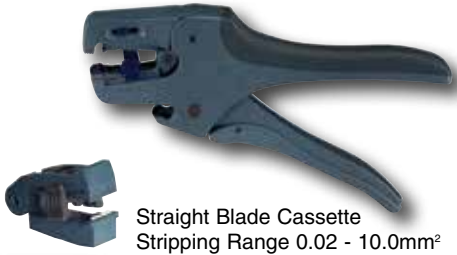


Ergonomic design with non-slip two component handles



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.
	191	7.5	34 - 8	0.02-10mm <sup>2</sup>	.30

### 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 - Straight Blade



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



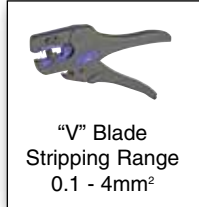
Straight 34-8 AWG

#### 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 - "V" Blade



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

VBC for PTFE



28-12 AWG

#### 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	8	32615	12	32687	16	32831	6	32988	11	43643	28
11630	8	32616	12	32688	16	32832	5	32995	28	43652	32
11960	8	32617	12	32689	16	32833	6	32996	28	43654	32
11975	8	32618	12	32690	16	32834	5	32999	11	43655	32
11980	8	32621	12	32691	16	32835	5	34610	17	43656	32
29240	8	32623	12	32692	16	32836	5	34611	17	43657	32
29250	8	32625	12	32693	16	32837	6	34612	17	43658	32
30901	18	32626	16	32694	16	32838	5	34615	17	43659	32
30903	18	32627	16	32695	16	32841	4	34616	17	43687	33
30905	18	32628	16	32696	16	32850	7	34617	17	44212	34
30907	18	32629	16	32697	16	32852	7	34620	17	44213	34
30909	18	32630	12	32698	15	32854	7	34621	17	44214	34
30911	19	32631	13	32702	22	32859	7	34622	17	44269	34
30912	18	32633	12	32703	22	32860	4	34625	17	45810	26
30913	19	32636	13	32704	22	32861	5	34626	17	45811	26
30915	19	32638	13	32705	22	32867	7	34627	17	45812	26
30917	19	32639	13	32706	22	32868	7	34697	17	45813	26
30919	19	32640	15	32708	22	32870	5	34698	17	45814	26
30921	19	32642	13	32710	23	32871	6	34699	17	45820	26
30923	18	32644	15	32711	23	32872	6	43127	30	45821	27
30925	18	32645	13	32712	23	32873	6	43128	30	45822	27
30926	18	32646	13	32714	23	32875	6	43129	30	45823	27
30927	18	32648	15	32716	23	32889	7	43132	31	45824	27
30928	18	32649	13	32718	23	32891	7	43136	31	45890	27
30929	18	32652	13	32720	23	32917	9	43138	31	56801	21
30931	18	32653	15	32721	23	32923	9	43139	30	56812	21
30933	18	32654	16	32722	24	32926	9	43140	31	56813	21
30936	18	32655	15	32724	24	32927	9	43141	31	56815	21
30937	20	32656	16	32726	24	32929	9	43143	31	56818	21
30939	19	32657	14	32728	24	32930	9	43144	31	56825	21
30940	19	32658	14	32732	24	32933	9	43146	30	56830	21
30941	20	32659	14	32734	24	32936	10	43147	31	56833	21
30942	19	32660	14	32742	24	32938	9	43148	31	56871	19
30943	20	32661	14	32744	24	32939	9	43149	29	57872	14
30944	20	32662	16	32746	24	32942	10	43150	30	76208	8
30947	19	32663	14	32748	25	32944	10	43151	30	76210	8
30990	20	32664	14	32750	25	32945	9	43153	30	76212	8
30991	20	32665	14	32752	25	32947	10	43154	30	76215	8
30993	20	32666	16	32760	25	32951	8	43158	32	76290	8
30998	20	32667	14	32762	25	32954	10	43162	32	77786	15
32390	11	32668	14	32790	25	32956	10	43190	29	91230	7
32600	13	32669	14	32791	25	32970	28	43192	29	91256	4
32601	14	32670	14	32793	25	32971	28	43612	28	143164	32
32602	13	32671	14	32804	5	32972	28	43613	33	143165	32
32603	12	32672	14	32806	5	32974	28	43615	33	143166	32
32604	13,33	32674	14	32807	5	32975	28	43617	33		
32605	13,33	32676	14	32808	5	32976	28	43618	28		
32606	12	32678	14	32810	5	32978	28	43624	28		
32607	13	32679	15	32814	4	32979	28	43632	33		
32608	15	32680	14	32816	4	32980	28				
32609	12	32681	16	32818	4	32981	10				
32610	20	32682	16	32820	4	32983	10				
32611	20	32683	16	32821	4	32984	10				
32612	12	32684	16	32826	4	32985	11				
32613	13	32685	16	32828	4	32986	11				
32614	13	32686	16	32830	5	32987	11				

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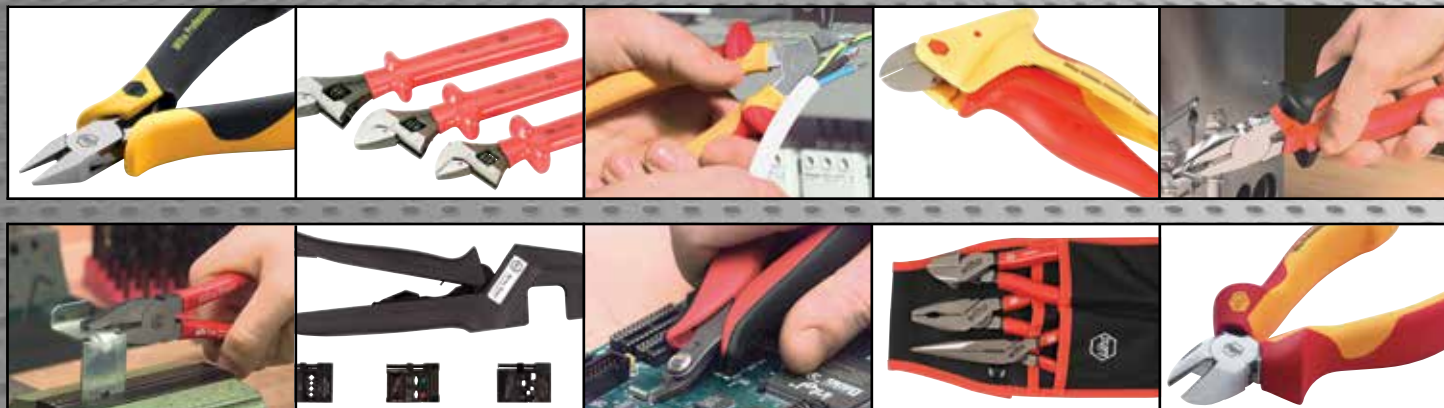
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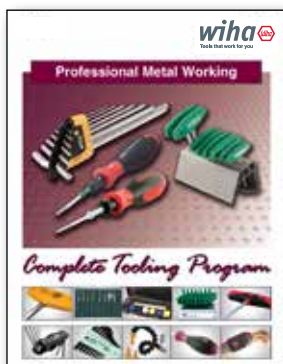
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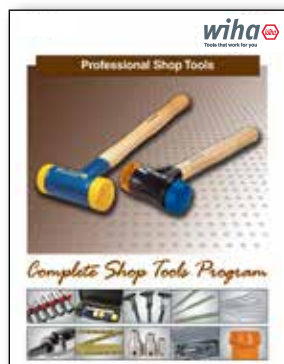
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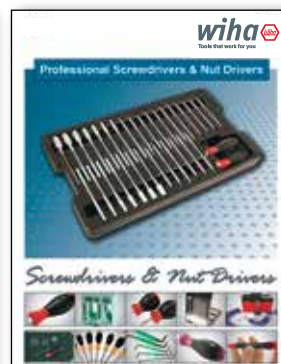
91330.wo - Tooling Catalog



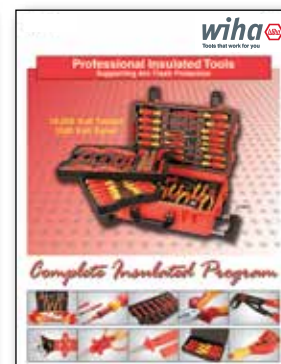
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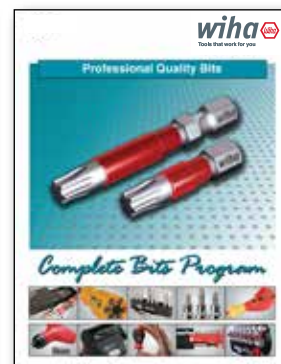
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