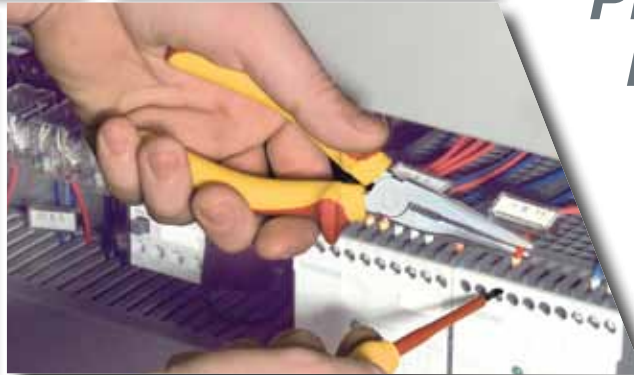




wiha 
Premium Tools

*Professional
Pliers and
Crimpers*



Innovations that work



Insulated Pliers/Cutters

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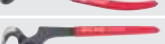
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WARNING!

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

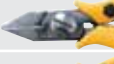
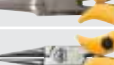
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Wiha Insulated Pliers & Cutters

Insulation Standards:

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

 **1000V**

Chrome finish for long
lasting corrosion
protection

Safety slip
guard

Cutters additionally
induction hardened

Soft grip
ergonomically
designed handle
body

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

Insulated Lineman's Pliers With Crimpers

 **1000volt**

5-in-1 Lineman's Pliers



With Lower Crimping Jaw

328 Insulated Lineman's Pliers "5-in-1" Professional Design

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

Item No.		↔ mm	↔ Inch	Cutting Capacity Copper AWG		
328 21	Z01122006	225	9.0	#4	1	.88

Insulated Combination Lineman's Pliers

 **1000volt**


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

Item No.		↔ mm	↔ Inch	Cutting Capacity Copper AWG		
328 14	Z01016006	160	6.3	#10	1	.53
328 16	Z01018006	180	7.0	#9	1	.58
328 18	Z01020006	200	8.0	#8	1	.72

Insulated High Leverage Combination Pliers

 **1000volt**


Lineman's

With Lower Serrated Pulling Jaws

328 High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. DIN ISO 5746

Extra long cutting edge for flat and round cables. Serrated upper jaws and lower pulling jaws. Cutting edges additionally induction hardened to approx. 64HRC. C 60 Special tool steel. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Two component soft grip ergonomic handles.

Item No.		↔ mm	↔ Inch	Cutting Capacity Copper AWG		
328 20	Z02022506	225	9.0	#4	1	.86

Insulated Electrician's Diagonal Cutters



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

Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), 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		↔	↔	Cutting Capacity		
No.		mm	Inch	Copper AWG	Pkg.	lbs.
328 61	Z14016006	160	6.3	#6	1	.55

Insulated Diagonal Cutters



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

Item		↔	↔	Cutting Capacity		
No.		mm	Inch	Copper AWG	Pkg.	lbs.
328 30	Z12014006	140	5.5	#6	1	.47
328 32	Z12016006	160	6.3	#6	1	.49
328 34	Z12018006	180	7.0	#6	1	.62

Insulated High Leverage Diagonal Cutters



328 High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. DIN ISO 5749 Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64 HRC. C 60 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

Item		↔	↔	Cutting Capacity		
No.		mm	Inch	Copper AWG	Pkg.	lbs.
328 35	Z16016006	160	6.3	#6	1	.54
328 36	Z16018006	180	7.0	#5	1	.57
328 38	Z16020006	200	8.0	#4	1	.70

Insulated Serrated Edge Cable Cutters

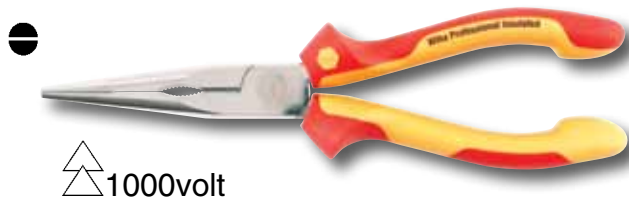


328 Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 62 HRC.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

Item		↔	↔			
No.		mm	Inch	Ø	mm2	Pkg. lbs.
328 26	Z50023006	160	6.3	16	50	1 .42
328 28	Z50017006	200	8.0	20	60	1 .67

Available 8/15/10

Insulated Long Nose Pliers



1000volt

Insulated Bent Nose Pliers

Angled 40°



1000volt

Round Nose Pliers



1000volt

Insulated Long Flat Nose Pliers



1000volt

Insulated Stripping Pliers



1000volt

WARNING!

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

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

Item No.		mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
328 06	Z05016006	160	6.3	#10	1	.32
328 08	Z05020006	200	8.0	#8	1	.42

328 Bent Nose Pliers With Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, **up to 1000 Volt. Individually Tested.**

Drop-forged from special tool steel, cutters additionally induction hardened (approx. 60 HRC), chrome-nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Half-round jaws, serrated gripping surface, nose bent 40°.

Item No.		mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
328 04	Z05120006	200	8.0	#8	1	.43
328 07	Z05116006	160	6.3	#10	1	.32

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

Item No.		mm	Inch	Pkg.	lbs.
328 70	Z09016006	160	6.3	1	.34

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

Item No.		mm	Inch	Pkg.	lbs.
328 10	Z07016006	160	6.3	1	.39

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

Item No.		mm	Inch	Stripping Capacity Copper AWG	Pkg.	lbs.
328 60	Z55016006	160	6.3	#4 - #28	1	.50

Use & Care Guide For Insulated Tools:

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

2 Pc. Insulated Pliers and Cutters

#32806



#32832

 1000volt

328 83 2 Pc. Insulated Pliers Set In Pouch Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746

2 Piece Set Includes:

Item#	32883	Set Includes:	lbs.
32806	Long Nose Pliers With Cutters - 160mm		.94
32832	Diagonal Cutters - 160mm		



#32806

#32838

328 85 2 Pc. Insulated Pliers Set In Pouch Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746

2 Piece Set Includes:

Item#	32885	Set Includes:	lbs.
32806	Long Nose Pliers With Cutters - 160mm		1.06
32838	High Leverage Diagonal Cutters - 200mm		


 1000volt

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

328 91 10 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 volt. Individually Tested.

Item#	32891	Set Includes:	lbs.
32818	8" Combination Pliers	32808 - 8" Long Nose	5.44
32838	8" Side Cutters	32848 - 6.75" Cable Cutters	
32860	6.3" Universal Wire Stripper		
	Insulated Phillips #1, #2, #3	Insulated Slotted 4.5, 6.5	



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

 1000volt

328 89 8 Piece Pliers & Cutters Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 volt. Individually Tested.

Item#	32889	Set Includes:	lbs.
32806	6.3" Long Nose Pliers	32808 - 8" Long Nose Pliers	4.53
32814	6.3" Lineman's Pliers	32832 - 6.3" Diagonal Cutters	
32820	9" Lineman's Pliers	32838 - 8" High Lev. Cutters	
32860	6.3" Wire Stripping Pliers	15000 - Electrician's Knife	

Wiha Insulated Belt Pack Pouch Sets


 1000Volt


328 71 3 Piece Insulated Pliers/Cutters & Multi-Bit Set In Belt Pack Pouch Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection.

Soft grip ergo designed handle body, safety slip guard. Insulated Multi-bit screwdriver includes Slotted, Phillips & Square bits.

Item No.	Pliers/Cutters & Multi-Bit Set
328 71	6.3" / 160mm Diagonal Cutters
	8.0" / 200mm Long Nose Pliers
lbs.	Set Includes Bit Holder & The Following Bits:
1.67	Slotted: 4.5, 6.5mm Phillips: 1, 2 Square: 1, 2


 1000Volt


328 73 3 Piece Insulated Pliers/Cutters In Belt Pack Pouch Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection.

Soft grip ergo designed handle body, safety slip guard.

Item No.	Pliers/Cutters & Multi-Bit Set
328 73	6.3" / 160mm Diagonal Cutters
	8.0" / 200mm Long Nose Pliers
lbs.	8.0" / 200mm Combination Pliers


 1000Volt


328 72 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection.

Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

Item No.	Pliers/Cutters & Multi-Bit Set
328 72	6.3" / 160mm Diagonal Cutters
	8.0" / 200mm Long Nose Pliers
lbs.	Insulated Screwdrivers:
1.77	Slotted: 3.0, 4.5mm Phillips: 2

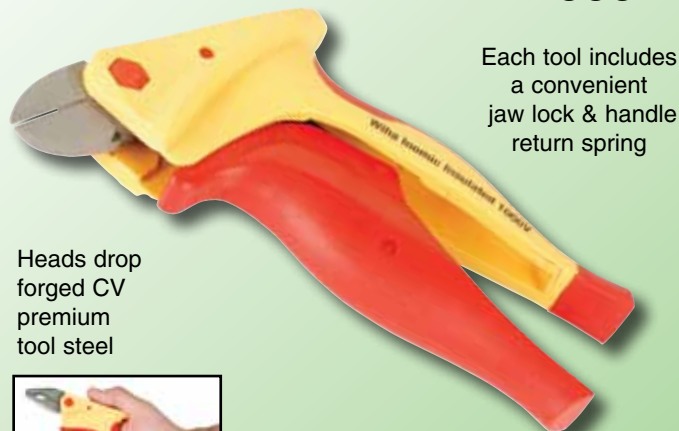


Wiha Inomic 1000Volt Insulated Pliers

Insulation Standards:

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

1000V



Each tool includes
a convenient
jaw lock & handle
return spring

Heads drop
forged CV
premium
tool steel



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



NEW
From Wiha



Three
Holsters
Included

328 59 3 Piece Insulated Inomic Pliers & Cutters Set

Insulation meets ASTM, EN/IEC, NFPA, CSA, ISO specifications.

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

Item# 328 59 Set Includes: lbs. 1.45

32850 - Combo Pliers

32854 - Diagonal Cutters

32852 - Long Nose Pliers

91230 - Inomic Holster (Includes 3)

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

912 30 Inomic Canvas Holster

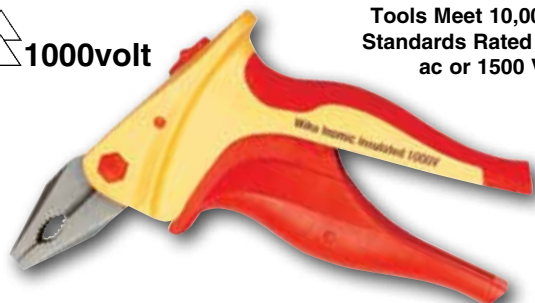
Item	Width	Height			Holds any Inomic Pliers
No.	Size	Size	lbs.	pkg.	
912 30	4.0 x	4.5	.05	1	



Insulated Inomic Combo Pliers

1000volt

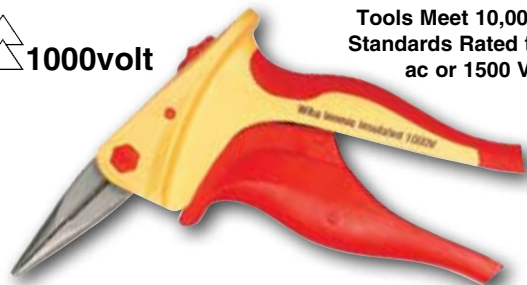
Tools Meet 10,000 Volt Test
Standards Rated to 1000 Volt
ac or 1500 Volt dc



Insulated Inomic Long Nose Pliers

1000volt

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



Insulated Inomic Diagonal Cutters

1000volt

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



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

Item			Cutting Capacity			
No.	mm	Inch	Copper AWG	Pkg.	lbs.	
328 50	Z01016180	180	7.0	#6	1	.46

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

Item			Cutting Capacity			
No.	mm	Inch	Copper AWG	Pkg.	lbs.	
328 52	Z01016160	160	6.3	#6	1	.43

328 Inomic Diagonal Cutters. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5749

Precision machined forged head. Induction hardened for longest tool life. Cutting edges are matched for precise cutting action. Award winning ergonomic design with cutters mounted at 23° angle to grip for reduced user fatigue. Palm side of grip has molded soft panel for added comfort in prolonged use.

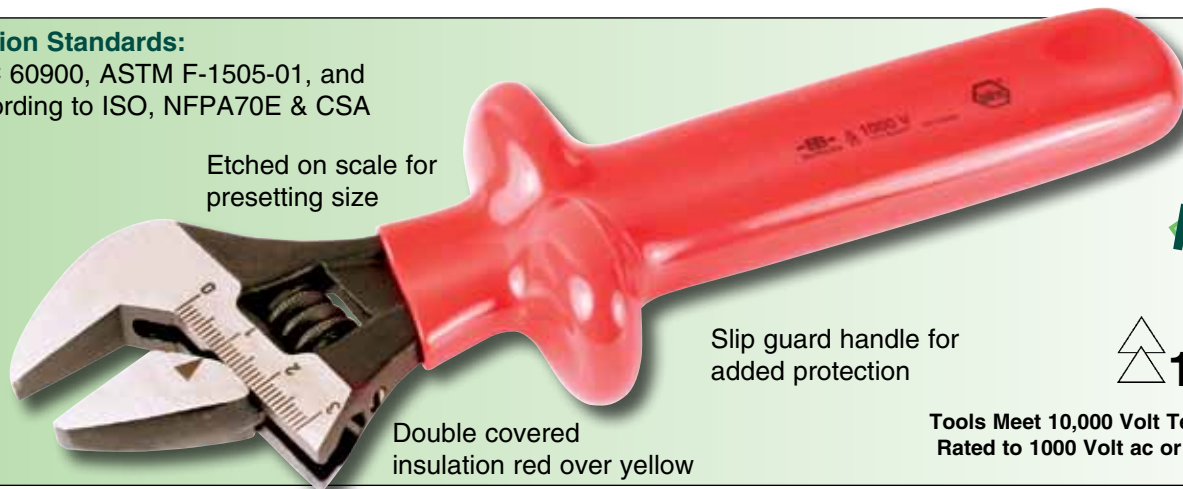
Item			Cutting Capacity			
No.	mm	Inch	Copper AWG	Pkg.	lbs.	
328 54	Z01016160	160	6.3	#6	1	.41

Wiha 1000Volt Insulated Adjustable Wrenches

Insulation Standards:

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

Etched on scale for
presetting size



Slip guard handle for
added protection

Double covered
insulation red over yellow

NEW
From Wiha

1000V

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

Wiha Insulated 8" Adjustable Wrench



1000Volt

762 08 Insulated 8" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
762 08	8.0	200	1"	.7	1

Wiha Insulated 10" Adjustable Wrench



1000Volt

762 10 Insulated 10" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
762 10	10.0	250	1-1/4"	1.4	1

Wiha Insulated 12" Adjustable Wrench



1000Volt

762 12 Insulated 12" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
762 12	12.0	300	1-1/2"	1.9	1

Wiha Insulated 15" Adjustable Wrench



1000Volt

762 15 Insulated 15" Adjustable Wrench - Insulation According To ASTM, EN/IEC, NFPA, CSA and ISO Specification. Etched on scale for pre-setting size. Slip guard handle for added protection.

Item No.	OAL Inch	OAL mm	Capacity Opening	Capacity lbs.	Capacity pkg.
762 15	15.0	380	1-11/16"	2.8	1

Wiha Insulated Adjustable Wrench Set

1000Volt



762 90 3 Piece Insulated Adjustable Wrenches

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

Item#	762 90 Set Includes:	wt.	4.15
76208	8" OAL	76212	12" OAL
76210	10" OAL		

NEW
From Wiha

protturn

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

10,000 Volt tested
1000 Volt Rated



Hardened tool steel



1000V

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

Protturn ergo soft grip handles for maximum comfort

Value priced tools individually tested for insulation integrity made in Taiwan to Wiha Protturn specifications

Insulated Lineman's Pliers

protturn



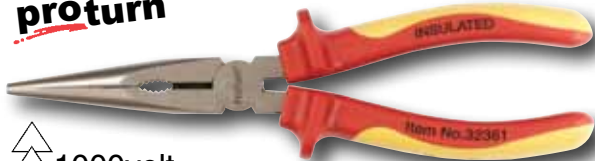
1000volt

323 Protturn Insulated Lineman's Pliers. Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, 1000 volt rated. Individually Tested.

Item		↔	↔	☐	⚡
No.		mm	Inch	Pkg.	lbs.
323 46	DIN ISO 5745	200	8.0	1	.97

Insulated Long Nose Pliers

protturn



1000volt

323 Protturn Insulated Long Nose Pliers. Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, 1000 volt rated. Individually Tested.

Item		↔	↔	☐	⚡
No.		mm	Inch	Pkg.	lbs.
323 48	DIN ISO 5745	160	6.3	1	.32
323 41	DIN ISO 5745	200	8.0	1	.42

Insulated Diagonal Cutters

protturn



1000volt

323 Protturn Insulated Diagonal Cutters. Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, 1000 volt rated. Individually Tested.

Item		↔	↔	☐	⚡
No.		mm	Inch	Pkg.	lbs.
323 44	DIN ISO 5745	160	6.3	1	.60

Insulated High Leverage Cutters

protturn



1000volt

323 Protturn Insulated High Leverage Cutters. Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, 1000 volt. Individually Tested.

Item		↔	↔	☐	⚡
No.		mm	Inch	Pkg.	lbs.
323 47	DIN ISO 5745	200	8.0	1	.80

Insulated Water Pump Pliers

protturn



1000volt

323 Protturn Insulated Water Pump Pliers. Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, 1000 volt rated. Individually Tested.

Item		↔	↔	☐	⚡
No.		mm	Inch	Pkg.	lbs.
323 40	DIN ISO 5745	250	9.8	1	.80

Wiha Protturn Insulated Tool Sets



protturn

 **1000Volt**

323 91 4 Piece Protturn Insulated Pliers & Cutters Set Insulation Standards According To EN/IEC 60900, ASTM F-1505-01, DIN/ISO, NFPA70E and CSA. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror polished. In roll up pouch.

Item No. 323 91 Set includes the following:

	32346 - 8" Lineman's Pliers With Cutters
lbs.	32341 - 8" Long Nose Pliers With Cutters
3.64	32344 - 6.3" Diagonal Cutters
	32340 - 10" Water Pump Pliers

*Pliers & Cutters are made in Taiwan



protturn

Pliers/Cutters Made in Taiwan
Screwdrivers Made in Germany

 **1000Volt**

323 95 8 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 volt. Individually Tested. Roll Out Pouch.

Item# 32395 Set Includes:	 lbs. 4.13
32346 - 8.0" Combination Pliers	32344 - 6.3" Diagonal Cutters
32348 - 6.3" Long Nose	32340 - 10.0" Water Pump Pliers
Insulated Slotted 3.0(1/8")	Insulated Phillips #1
Insulated Slotted 6.5(1/4")	Insulated Phillips #2

protturn

In roll up pouch



NEW
From Wiha

Pliers/Cutters Made in Taiwan
Screwdrivers Made in Germany

 **1000Volt**

323 97 8 Pc. Protturn Insulated Screwdriver Set. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E,  up to 1000 volt. Individually Tested.

Item# 32397 Set Includes:	 lbs. 4.87
32346 - 8.0" Combination Pliers	32344 - 6.3" Diagonal Cutters
32348 - 6.3" Long Nose	32340 - 10.0" Water Pump Pliers
32341 - 8.0" Long Nose	32347 - 8.0" High Leverage Cutter
38006 - Multi-Bit Driver w/Slotted: 5.5, 6.5mm & Phillips: #0, #1, #2, #3	
15000 - 50mm Insulated Electrician's Cable Stripping Knife	

NEW Protturn Insulated Tools

 **1000volt**

NEW
From Wiha



Protturn Stripping Pliers. Insulation According to VDE

0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, 1000 volt rated. Individually Tested. DIN ISO 5745

Drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror polished. Protturn ergo soft grip handles for maximum comfort. Spring and adjusting screw, for stripping up to Ø 5mm/#4 Awg.

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

protturn

Pliers Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component.



NEW
From Wiha

 **1000Volt**

323 98 5 Pc. Insulated Pliers/Cutters & Drivers In Belt Pack Pouch. Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E,  up to 1000 volt.

Item No.	Insulated Pliers/Cutters & Screwdrivers
323 98	6.3"/160mm Diagonal Cutter • 8.0"/200mm Combo Pliers
	6.3"/160mm Long Nose
lbs. 2.21	Insulated Drivers: Slotted: 4.5mm • Phillips: #2

WARNING!

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

Wiha ComfortGrip Pliers & Cutters

Maximum comfort in daily use, smooth operation & optimum force transmission without uncomfortable pressure points. A multi-layered chrome finish provides the highest level of corrosion protection.

Ergonomic shape for maximum user comfort

Cutters additionally induction hardened



Soft rounded slip guard molded into grip

Anti-slip soft dual material handles for safe gripping

ComfortGrip Combination Pliers



329 Combination Pliers DIN ISO 5746

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 60HRC. Special CV tool steel. For gripping and holding as well as cutting soft and hard wires and cables. Two component ComfortGrip ergonomic handles.

Item No.		↔ mm	↔ Inch	Cutting Capacity Copper AWG	Pkg.	↔ lbs.
329 08	Z01016005	160	6.3	#10	1	.46
329 09	Z01018005	180	7.0	#9	1	.58
329 10	Z01020005	200	8.0	#8	1	.76

ComfortGrip Heavy Duty Combination Pliers



329 16 Heavy Duty Combination Pliers DIN ISO 5746

Larger Head and extra long cutting edges for flat and round cables. Serrated jaws with lower fish tape pulling jaw. Cutting edges additionally induction hardened to approx. 60HRC. Special CV tool steel. For gripping & holding as well as cutting wires & cables ranging in hardness from soft to extremely hard. Two component ComfortGrip ergo handles.

Item No.		↔ mm	↔ Inch	Cutting Capacity Copper AWG	Pkg.	↔ lbs.
329 16	Z02022505	225	9.0	#5	1	.79

ComfortGrip Stripping Pliers



329 46 Stripping Pliers DIN ISO 5744

Heavy duty forged with induction hardened cutting edges for even stripping of insulation. Easy to use adjustment screw allows stripping diameter to be quickly changed. Return spring for effortless use. Special CV tool steel edges. Stripping Diameter: .019" to .393". For stripping up to Ø 5mm/#4 AWG.

Item No.		↔ mm	↔ Inch	Stripping Capacity Copper AWG	Pkg.	↔ lbs.
329 46	Z55016005	160	6.3	#4 - #28	1	.47

Wiha ComfortGrip Pliers & Cutters

ComfortGrip Long Nose Pliers



329 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. 60 HRC. Special tool steel. Two component ComfortGrip handle.

Item		↔	↔	Cutting Capacity		
No.		mm	Inch	Copper AWG	Pkg.	lbs.
329 19	Z05016005	160	6.3	#10	1	.32
329 22	Z05020005	200	8.0	#8	1	.42

ComfortGrip Bent Long Nose Pliers

Angled approx. 40°



329 Bent Nose Pliers With Cutters DIN ISO 5745

Long nose pliers angled approx. 40°. Extra long cutting edge for flat and round wires. Gripping surfaces serrated in parts. Cutting edges additionally induction hardened to approx. 60 HRC. Special tool steel. Two component ComfortGrip handle.

Item		↔	↔	Cutting Capacity		
No.		mm	Inch	Copper AWG	Pkg.	lbs.
329 24	Z05116005	160	6.3	#10	1	.32
329 25	Z05120005	200	8.0	#8	1	.42

ComfortGrip Flat Nose Pliers



329 31 Long Flat Nose Pliers DIN ISO 5745

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

Item		↔	↔	Cutting Capacity		
No.		mm	Inch	Pkg.	lbs.	
329 31	Z07016005	160	6.3	1	.32	

ComfortGrip Diagonal Cutters



329 Diagonal Cutters DIN ISO 5749

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

Item		↔	↔	Cutting Capacity		
No.		mm	Inch	Copper AWG	Pkg.	lbs.
329 36	Z12014005	140	5.5	#6	1	.39
329 40	Z12016005	160	6.3	#6	1	.48
329 43	Z12018005	180	7.0	#6	1	.62

ComfortGrip High Leverage Diagonal Cutters



329 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. 64 HRC. C60 special CV tool steel hardened and tempered.

Item		↔	↔	Cutting Capacity		
No.		mm	Inch	Copper AWG	Pkg.	lbs.
329 49	Z16016005	160	6.3	#6	1	.48
329 50	Z16018005	180	7.0	#5	1	.57
329 53	Z16020005	200	8.0	#4	1	.64

Wiha ComfortGrip Pliers & Cutters

ComfortGrip Standard Adjustable Pliers



With box joint

ComfortGrip Slide Lock Adjustable Pliers



With box joint

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

ComfortGrip Push Button Adjustable Pliers



With box joint

Electronic Stripping Pliers



329 62 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. 58-60 HRC. Chrome-vanadium tool steel forgings, hardened and tempered. Two component ComfortGrip ergonomic handle. Chrome finish.

Item				Capacities		
No.	mm	Inch		Round Hex	Pkg.	lbs.
329 62	Z21025005	250	10.0	1 3/4 2"	1	.85

329 69 Slide Lock Adjustable Pliers - Wiha QuickFix - Box Joint DIN ISO 8976

Super fast and easily adjusted pliers. Long durability achieved through additional induction hardening of jaws to approx. 56 HRC. Finger jam protection for safe operation at all settings. Chrome-vanadium tool steel forgings, hardened and tempered. Chrome finish with ergonomic ComfortGrip handles.

Item				Capacities		
No.	mm	Inch		Round Hex	Pkg.	lbs.
329 69	Z23025005	250	10.0	1 1/4 1 1/2	1	.80

329 67 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. 58-60 HRC. Finger jam protection for safe operation at all settings. CVM tool steel forgings, hardened and tempered. ComfortGrip handles.

Item				Capacities		
No.	mm	Inch		Round Hex	Pkg.	lbs.
329 67	Z22025005	250	10.0	1 3/4 2"	1	.79

568 71 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.

#568 71	mm	Inch	Ø	AWG	Pkg.	lbs.
	180	7.0	0.81-2.59	20-10	5	.15



Wiha ComfortGrip Pliers & Cutters Sets



329 92 2 Piece ComfortGrip Pliers & Cutters Set

Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening to approx. 60 HRC. Special CV tool steel forgings hardened and tempered.

Item# 32992 Set Includes:	
32910 Combination Pliers - 8"	lbs.
32940 Diagonal Cutters - 6.3"	1.34



329 93 2 Piece ComfortGrip Pliers & Cutters Set

Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening to approx. 60 HRC. Special CV tool steel forgings hardened and tempered.

Item# 32993 Set Includes:	
32919 Long Nose Pliers - 6.3"	lbs.
32940 Side Cutters - 6.3"	.93



329 94 4 Piece ComfortGrip Pliers & Cutters Set

Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening to approx. 60 HRC. Special CV tool steel forgings hardened and tempered.

Item# 32994 Set Includes:	
32910 Combo Pliers - 8"	32940 Side Cutters - 6.3"
32919 Long Nose Pliers - 6.3"	32962 Adjustable Pliers - 10.0"



329 97 2 Piece ComfortGrip Pliers & Cutters Set

Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening.

Item# 32997 Set Includes:	
32910 Combination Pliers - 8"	lbs.
32953 H.Lev. Diagonal Cutters - 8"	1.36



329 90 4 Piece ComfortGrip Pliers & Cutters Set In Zipper Case

Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening to approx. 60 HRC. Special CV tool steel forgings hardened and tempered. In roll up pouch.

Item# 32990 Set Includes:	
32910 Combo Pliers - 8"	32946 Wire Stripper - 6.3"
32919 Long Nose Pliers - 6.3"	32940 Side Cutters - 6.3"



NEW
From Wiha

- Special CV tool steel forgings hardened and tempered
- In roll up pouch

329 98 8 Piece ComfortGrip Pliers/Cutters In Canvas Pouch

Low wear lap joint, riveted and able to withstand high levels of load. Low force action, clean cutting. Long life cutting edge is achieved with additional induction hardening to approx. 60 HRC.

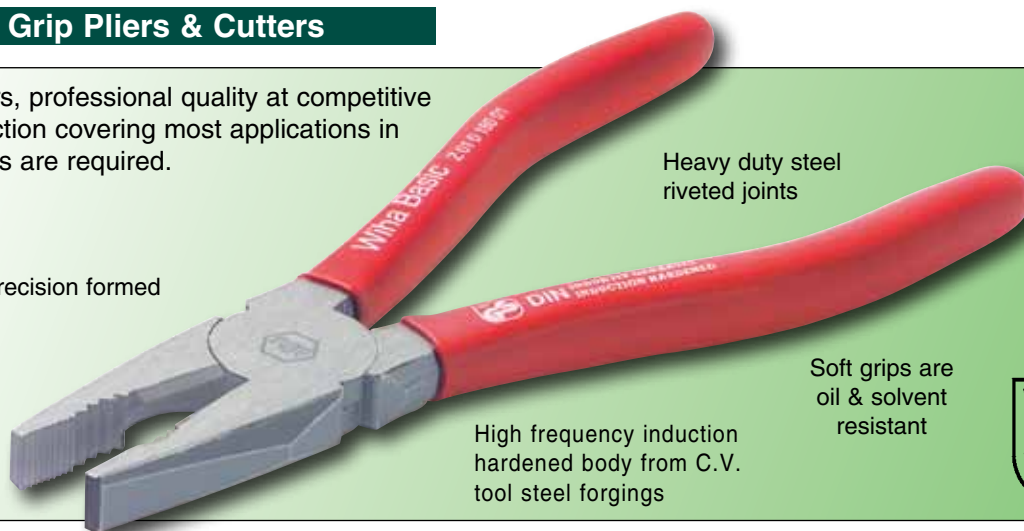
Item No.	Pliers/Cutters
329 98	6.3" / 160mm Lineman's Pliers
	9.0" / 225mm Lineman's Pliers
	6.3" / 160mm Long Nose Pliers
lbs.	8.0" / 200mm Long Nose Pliers
4.71	6.3" / 160mm Diagonal Cutters
	8.0" / 200mm High Leverage Cutters
	10.0" / 250mm Adjustable Pliers
	7.0" / 180mm Stripping Pliers AWG 10-20

Wiha Soft Grip Pliers & Cutters

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

Precision formed

Jaws & Cutters
induction
hardened



Heavy duty steel
riveted joints

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

Soft grips are
oil & solvent
resistant



Lineman's Pliers With Crimpers

5-in-1 Lineman's Pliers



With Lower Crimping Jaw

326 Lineman's Pliers "5-in-1" Professional Design

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

Item	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
No.					
326 16	225	9.0	#4	1	.88

Combination Pliers



326 Combination Pliers DIN ISO 5746

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

Item	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
No.					
326 03 Z01016001	160	6.3	#10	1	.41
326 06 Z01018001	180	7.0	#9	1	.50
326 09 Z01020001	200	8.0	#8	1	.63

High Leverage Combination Pliers



With Lower Serrated Pulling Jaws

326 High Leverage Heavy Duty Combination Pliers DIN ISO 5746

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

Item	mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
No.					
326 12 Z02020001	200	8.0	#4	1	.61
326 15 Z02022501	225	9.0	#4	1	.78

Stripping Pliers



326 45 Stripping Pliers DIN ISO 5744

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

Item	mm	Inch	Stripping Capacity Copper Awg#	Pkg.	lbs.
No.					
326 45 Z55016001	160	6.3	#4 - #28	1	.31

Long Nose Pliers



Bent Long Nose Pliers

Angled 40°



Long Flat Nose Pliers



Long Round Nose Pliers



326 Long Nose Pliers With Cutters DIN ISO 5745

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

Item No.		↔ mm	↔ Inch	Cutting Capacity Copper AWG	🔪 Pkg.	📦 lbs.
326 18	Z05016001	160	6.3	#10	1	.28
326 21	Z05020001	200	8.0	#8	1	.86

326 Bent Long Nose Pliers With Cutters DIN ISO 5745

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

Item No.		↔ mm	↔ Inch	Cutting Capacity Copper AWG	🔪 Pkg.	📦 lbs.
326 23	Z05116001	160	6.3	#10	1	.28
326 25	Z05120001	200	8.0	#8	1	.96

326 30 Long Flat Nose Pliers DIN ISO 5745

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

Item No.		↔ mm	↔ Inch	🔪 Pkg.	📦 lbs.
326 30	Z07016001	160	6.3	1	.26

326 33 Long Round Nose Pliers DIN ISO 5745

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

Item No.		↔ mm	↔ Inch	🔪 Pkg.	📦 lbs.
326 33	Z09016001	160	6.3	1	.25

Wiha Soft Grip Belt Pack Pouch Sets



NEW
From Wiha

Durable
Canvas Belt
Pack Pouch



NEW
From Wiha

Durable
Canvas Belt
Pack Pouch



326 53 3 Piece Pliers/Cutters In Belt Pack Pouch

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

Item No.	Pliers & Cutters
326 53	8.0" / 200mm High Leverage Cutters
	8.0" / 200mm Combo Pliers
	8.0" / 200mm Long Nose Pliers
	🔪 lbs. 2.02

326 55 5 Piece Pliers/Cutters & Screwdrivers In Belt Pack Pouch

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

Item No.	Pliers & Cutters
326 55	6.3" / 160mm Diagonal Cutter
	8.0" / 200mm Long Nose
	Cushion Grip Screwdrivers:
	Slotted: 3.0, 4.5mm Phillips: 2
	🔪 lbs. 1.62

Wiha Soft Grip Pliers & Cutters

Standard Adjustable Pliers



326 Adjustable Pliers - Box Type DIN ISO 5745

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

Item No.		mm	Inch	Capacities		
				Round	Hex	Pkg. lbs.
326 60	Z21018001	180	7.0	1.25	1 1/2	1 .35
326 61	Z21025001	250	10.0	1.75	2"	1 .67
326 63	Z21030001	300	12.0	2.0	2 1/4	1 1.17

Slide Lock Adjustable Pliers - "QuickFix"



326 68 Slide Lock Adjustable Pliers - Wiha QuickFix - Box Type

DIN ISO 8976 Super fast and easily adjusted pliers. Long durability achieved through additional induction hardening of jaws to approx. 56 HRC. Finger jam protection for safe operation in all settings. Chrome-vanadium tool steel, hardened and tempered. Soft vinyl grips.

Item No.		mm	Inch	Capacities		
				Round	Hex	Pkg. lbs.
326 68	Z23025001	250	10.0	1 1/4	1 1/2	1 .72

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

Rapid Adjustable - Push Button Pliers



326 Push Button Adjustable Water Pump Pliers - DIN ISO 8976

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

Item No.		mm	Inch	Capacities		
				Round	Hex	Pkg. lbs.
326 64	Z22018001	180	7.0	1.25	1 1/2	1 .35
326 65	Z22025001	250	10.0	1.75	2"	1 .80
326 67	Z22030001	300	12.0	2.0	2 1/4	1 1.21

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



326 69 3 Piece Push Button Set

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

Item# 32669 Set Includes: lbs. 2.50

32664 - Push Button Adjustable Water Pump Pliers - 7.0"

32665 - Push Button Adjustable Water Pump Pliers - 10.0"

32667 - Push Button Adjustable Water Pump Pliers - 12.0"

326 70 3 Piece Adjustable Pliers Set

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

Item# 32670 Set Includes: lbs. 2.52

32660 - Adjustable Pliers, Box Type - 7.0"

32661 - Adjustable Pliers, Box Type - 10.0"

32663 - Adjustable Pliers, Box Type - 12.0"

Wiha Soft Grip Pliers & Cutters

Diagonal Cutters



326 Diagonal Cutters DIN ISO 5749

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

Item No.		↔	↔	Cutting Capacity Copper AWG	↔	↔
		mm	Inch		Pkg.	lbs.
326 38	Z12014001	140	5.5	#6	1	.33
326 42	Z12016001	160	6.3	#6	1	.49
326 39	Z12018001	180	7.0	#6	1	.54

High Leverage Cutters



326 High Leverage Cutters DIN ISO 5749

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

Item No.		↔	↔	Cutting Capacity Copper AWG	↔	↔
		mm	Inch		Pkg.	lbs.
326 46	Z16016001	160	6.3	#6	1	.42
326 49	Z16018001	180	7.0	#5	1	.50
326 52	Z16020001	200	8.0	#4	1	.63

Cable Cutters



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

Item No.		↔	↔	Cutting Capacity Copper/Aluminum	↔	↔
		mm	Inch		Pkg.	lbs.
326 00	Z50101160	160	6.3	16mm	1	.34
326 02	Z50101200	200	7.9"	20mm	1	.62

326 08 8 Piece Pliers/Cutters In Canvas Pouch

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

Item No. Pliers/Cutters & Multi-Bit Set

326 08	6.3" / 160mm Combination Pliers
	6.3" / 160mm Long Nose Pliers
	8.0" / 200mm Long Nose Pliers
lbs.	6.3" / 160mm Diagonal Cutters
4.42	6.3" / 160mm Long Flat Nose Pliers
	6.3" / 160mm Long Round Nose Pliers
	8.0" / 200mm High Leverage Cutters
	9.0" / 225mm High Leverage Combo Pliers



Wiha Soft Grip Pliers & Cutters



326 98 3 Piece Pliers & Cutters Set

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

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



326 01 4 Piece Pliers & Cutters Set

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

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



326 10 Multipurpose Electrician's Heavy Duty Shears

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

Item No.	mm	Inch	Pkg.	lbs.
326 10	145	5.75	1	.05

326 11 SoftGrip Electrician's & Craftsman Shears

Item No.	mm	Inch	Pkg.	lbs.
326 11	145	5.75	1	.05



326 48 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"		



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

Item No.		mm	Inch	Cutting Capacity Copper AWG	Pkg.	lbs.
326 57	Z17016001	160	6.3	#6	1	.41
326 58	Z17018001	180	7.0	#5	1	.61
326 59	Z17020001	200	8.0	#4	1	.75



326 Carpenter's End Nippers DIN ISO 9243

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

Item No.	mm	Inch	Pkg.	lbs.
326 71	Z30018001	180	7.0	.62
326 72	Z30020001	200	8.0	.86



326 Mason Nippers DIN ISO 9243

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

Item No.	mm	Inch	Cutting Capacity Hard Wire AWG	Pkg.	lbs.
326 74	Z31022001	220	8.75	#12	.76
326 76	Z31025001	250	10.0	#12	.98
326 78	Z31028001	280	11.0	#12	1.00
326 80	Z31030001	300	12.0	#12	1.06

Wiha Soft Grip Pliers & Cutters

Retaining Ring Pliers - Internal



326 Straight Internal Retaining Ring Pliers DIN ISO 5256

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

Item No.		↔	↔	⊙	⊙	● Tip	⊞	↵
		mm	Inch	Inch	mm	Inch/mm	Pkg.	lbs.
326 81	Z330J0001	139	5.5	5/16-1/2	8-13	.035/.9	1	.27
326 82	Z330J1001	140	5.5	1/2-1	12-25	.050/1.3	1	.27
326 83	Z330J2001	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.42
326 84	Z330J3001	225	8.9	1 1/2-4	40-100	.090/2.3	1	.63
326 54	Z330J4001	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.13

90° Angle Retaining Ring Pliers - Internal



326 90° Angle Internal Retaining Ring Pliers DIN ISO 5254

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

Item No.		↔	↔	⊙	⊙	● Tip	⊞	↵
		mm	Inch	Inch	mm	Inch/mm	Pkg.	lbs.
326 85	Z331J0101	139	5.5	5/16-1/2	8-13	.035/.9	1	.27
326 86	Z331J1101	140	5.5	1/2-1	12-25	.050/1.3	1	.27
326 87	Z331J2101	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.43
326 88	Z331J3101	225	8.9	1 1/2-4	40-100	.090/2.3	1	.62
326 56	Z331J4101	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.14

Retaining Ring Pliers - External



326 Straight External Retaining Ring Pliers DIN ISO 5254

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

Item No.		↔	↔	⊙	⊙	● Tip	⊞	↵
		mm	Inch	Inch	mm	Inch/mm	Pkg.	lbs.
326 89	Z340A0001	139	5.5	1/8-3/8	3-10	.035/.9	1	.28
326 90	Z340A1001	140	5.5	3/8-1	10-25	.050/1.3	1	.28
326 91	Z340A2001	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.45
326 92	Z340A3001	225	8.9	1 1/2-4	40-100	.090/2.3	1	.62
326 62	Z340A4001	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.13

90° Angle Retaining Ring Pliers - External



326 90° Angled External Retaining Ring Pliers DIN ISO 5254

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

Item No.		↔	↔	⊙	⊙	● Tip	⊞	↵
		mm	Inch	Inch	mm	Inch/mm	Pkg.	lbs.
326 94	Z341A0101	139	5.5	1/8-3/8	3-10	.035/.9	1	.28
326 95	Z341A1101	140	5.5	3/8-1	10-25	.050/1.3	1	.28
326 96	Z341A2101	180	7.0	3/4-2 3/8	19-60	.070/1.5	1	.44
326 97	Z341A3101	225	8.9	1 1/2-4	40-100	.090/2.3	1	.63
326 66	Z341A4101	310	12.2	3.5-5.5	85-140	.126/3.2	1	1.16

Wiha Forged Retaining Ring Pliers



326 93 8 Piece Straight Retaining Ring Pliers Set

Straight tips. Die forged cylindrical precision formed. Chrome-vanadium special tool steel. For inserting & removing internal and external retaining rings.

Item# 32693 Set Includes:

lbs. 3.65

Internal Retaining Ring - Shape C

External Retaining Ring - Shape A

32681 5/16-1/2" / 8-13mm / tip .035

32689 1/8 - 3/8" / 3-10mm / tip .035

32682 1/2-1" / 12-25mm / tip .050

32690 3/8 - 1" / 10-25mm / tip .050

32683 3/4-2-3/8" / 19-60mm / tip .070

32691 3/4 - 2-3/8" / 19-60mm / tip .070

32684 1-1/2-4" / 40-100mm / tip .090

32692 1/2 - 4" / 40-100mm / tip .090



326 26 4 Piece Straight Internal Ring Pliers Set

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

Item# 32626 Set Includes:

lbs. 1.60

32681 5/16-1/2" / 8-13mm / tip .035

32683 3/4-2 3/8" 19-60mm / tip .070

32682 1/2-1" 12-25mm / tip .050

32684 1 1/2-4" 40-100mm / tip .090



326 27 4 Piece 90° Angle Internal Ring Pliers Set

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

Item# 32627 Set Includes:

lbs. 1.56

32685 5/16-1/2" / 8-13mm / tip .035

32687 3/4-2 3/8" 19-60mm / tip .070

32686 1/2-1" 12-25mm / tip .050

32688 1 1/2-4" 40-100mm / tip .090



326 28 4 Piece Straight External Ring Pliers Set

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

Item# 32628 Set Includes:

lbs. 1.52

32689 1/8-3/8" / 3-10mm / tip .035

32691 3/4-2 3/8" 19-60mm / tip .070

32690 3/8-1" 10-25mm / tip .050

32692 1 1/2-4" 40-100mm / tip .090



326 29 4 Piece 90° Angle External Ring Pliers Set

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

Item# 32629 Set Includes:

lbs. 1.52

32694 1/8-3/8" / 3-10mm / tip .035

32696 3/4-2 3/8" 19-60mm / tip .070

32695 3/8-1" 10-25mm / tip .050

32697 1 1/2-4" 40-100mm / tip .090

Wiha Pipe Wrenches Narrow Style

Pipe Wrenches Narrow Style / S-Jaw



329 Pipe Wrenches Narrow Style / S-Jaw

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

	Inch Length	Max. grip pipe dia.	maximum jaw opening	 lbs.	 Pkg.
329 70	12.60	1	40mm (1.5")	2.4	1
329 71	16.38	1.5	55mm (2.1")	2.4	1
329 72	21.06	2	67mm (2.6")	3.9	1

All Steel Narrow Profile Pipe Wrenches

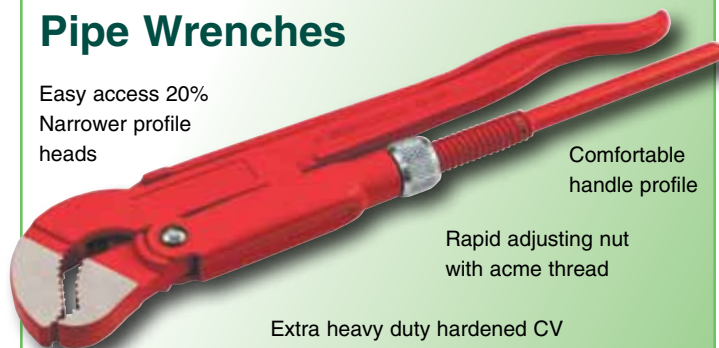
Easy access 20%
Narrower profile
heads

Comfortable
handle profile

Rapid adjusting nut
with acme thread

Extra heavy duty hardened CV
steel, induction hardened jaws

Safe and secure grip with back
raked serrated jaws



Pipe Wrenches Narrow Style - 45°



329 Pipe Wrenches Narrow Style - 45°

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

	Inch Length	Max. grip pipe dia.	Clamping range	 lbs.	 Pkg.
329 74	12.36	1	40mm (1.5")	1.8	1
329 75	16.77	1.5	55mm (2.1")	2.1	1
329 76	22.44	2	67mm (2.6")	6.3	1



329 95 3 Piece Pipe Wrench Sets

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

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

Pipe Wrenches Narrow Style - 90°



329 Pipe Wrenches Narrow Style - 90°

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

	Inch Length	Max. grip pipe dia.	Clamping range	 lbs.	 Pkg.
329 78	12.20	1	40mm (1.5")	2.2	1
329 79	16.54	1.5	55mm (2.1")	3.2	1
329 80	22.05	2	67mm (2.6")	6.0	1



329 96 3 Piece Narrow Style 90° Pipe Wrench Sets

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

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

Wiha Precision Electronic Pliers & Cutters

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

C70 tool steel HR60 hardness

Glare free black finish

Precision ground cutting edges for smooth cuts



The Comfortable Precision Pliers & Cutters

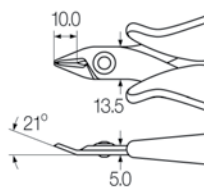


Velvet soft ergonomically designed multi component handle

Lay-on, riveted precision joint

Light weight design for maximum user comfort in production work

Electronic Diagonal Cutters



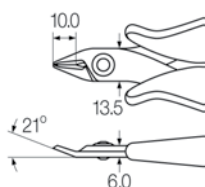
Full Flush

#568 18 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.

#568 18	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.22

Electronic Diagonal Cutters



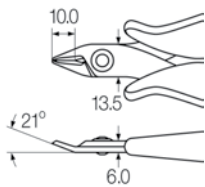
Semi Flush

#568 15 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.	Cut		Medium		
#568 15	mm	Inch	Capacity	Hard Wire	Pkg. lbs.
	138	5.5	2.0mm/12AWG	0.8	5 .23

Electronic Diagonal Cutters



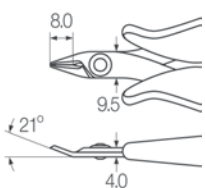
Full Flush

#568 25 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.

#568 25	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.23

Electronic Diagonal Cutters



Full Flush

#568 12 Precision Electronic Diagonal Cutters, Narrow Shape

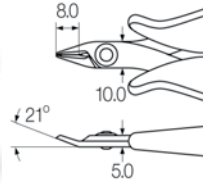
Extra narrow, short head for working in particularly restricted spaces. Cutting edge - full flush. With return spring. C70 special tool steel. For absolutely flush cutting of copper wires in difficult to access locations.

#568 12	mm	Inch	Cut Capacity	Pkg.	lbs.
	118	4.5	0.8mm/20AWG	5	.19

Electronic Diagonal Cutters



Wire Holding Spring

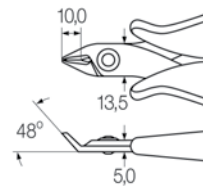


Full Flush

568 13 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.

#568 13	mm	Inch	Cut Capacity	Pkg.	lbs.
	128	5.0	1.0mm/18AWG	5	.19

Electronic Oblique 48° Cutter



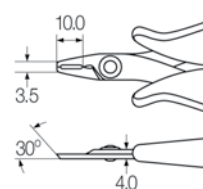
Full Flush

568 33 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.

#568 33	mm	Inch	Cut Capacity	Pkg.	lbs.
	138	5.5	1.3mm/16AWG	5	.22

Narrow Front Cutter/Long Nose Pliers



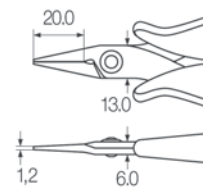
Full Flush

568 30 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.

#568 30	mm	Inch	Cut Capacity	Pkg.	lbs.
	118	4.5	0.6mm/22AWG	5	.19

Electronic Pointed Pliers

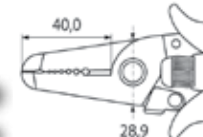


568 01 Electronic Short Nose Precision Pliers

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.

#568 01	mm	Inch	Pkg.	lbs.
	138	5.5	5	.23

Electronic Stripping Pliers



568 71 Electronic Stripping Pliers

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

#568 71	mm	Inch	Ø	AWG	Pkg.	lbs.
	180	7.0	0.81-2.59	20-10	5	.15

NEW
From Wiha

Wiha ESD Safe Pliers & Cutters

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

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

Welded double leaf spring

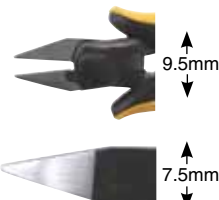
Hardened & annealed high carbon tool steel, induction hardened cutting edges


Precision Cutters Tapered Head

Semi Flush



115mm


327 03 Precision Cutters, Small Tapered Head, Semi Flush

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

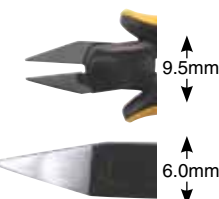
#327 03	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

Precision Cutters Tapered Head

Flush



115mm


327 05 Precision Cutters, Small Tapered Head, Flush

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

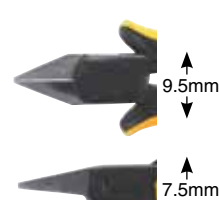
#327 05	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

Precision Cutters Tapered Head

Semi Flush



115mm

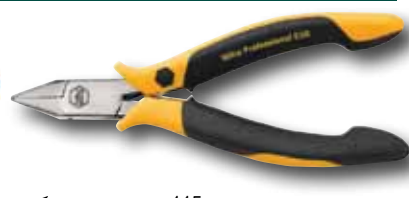

327 02 Precision Cutters, Small Tapered Head With Hollow Ground Back, Semi Flush

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

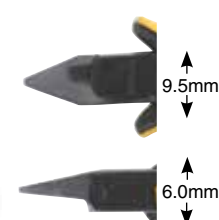
#327 02	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

Precision Cutters Tapered Head

Flush



115mm


327 04 Precision Cutters, Small Tapered Head With Hollow Ground Back, Flush

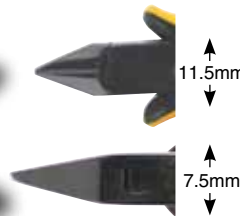
Cutters drop-forged for an ideal material structure. Precise aligned cutting edges are additionally induction hardened at a hardness of Approx. 64°HRC. Two component non-slip soft grip handle, ESD Safe Dissipative. ESD standard IEC 61340-5-1

#327 04	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	9.5mm	1	.19

Wiha ESD Safe Pliers & Cutters

Precision Cutters Wide Tapered Head

Bevel



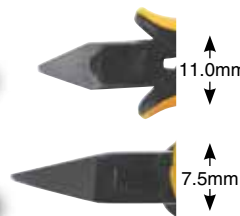
327 06 Precision Cutters, Wide Tapered Head, Bevel

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

#327 06	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.4	11.0mm	1	.20

Precision Cutters Wide Tapered Head

Flush



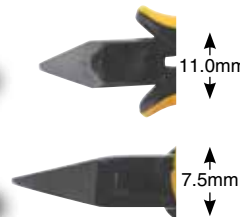
327 08 Precision Cutters, Wide Tapered Head, Flush

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

#327 08	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.19

Precision Cutters Wide Tapered Head

Full Flush



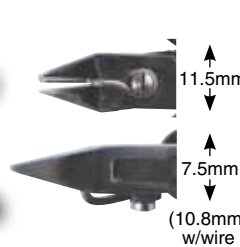
327 10 Precision Cutters, Wide Tapered Head, Full Flush

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

#327 10	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	11.0mm	1	.23

Precision Cutters Wide Tapered Head

Flush



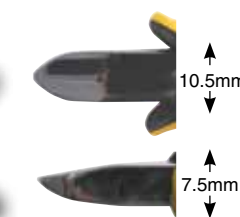
327 11 Precision Cutters, Wide Tapered Head With Wire Trapping Device, Flush

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

#327 11	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.19

Precision Cutters Slim Oval Form

Flush



327 12 Precision Cutters, Slim Oval Head, Flush

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

#327 12	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.0	10.5mm	1	.23

Wiha ESD Safe Pliers & Cutters

Precision Cutters Slim Oval Form

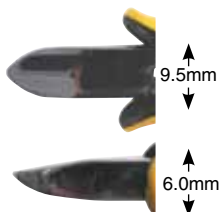
Full Flush



D



115mm



9.5mm

6.0mm

327 14 Precision Cutters, Slim Oval Head, Full Flush

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

#327 14	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	10.0mm	1	.23

Precision Cutters Slim Oval Form

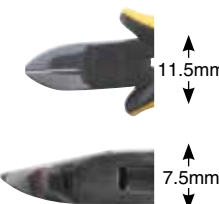
Bevel



D



115mm



11.5mm

7.5mm

327 16 Precision Cutters, Wide Oval Head, Bevel

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

#327 16	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.4	11.0mm	1	.19

Precision Cutters Wide Oval Form And Carbide Edge

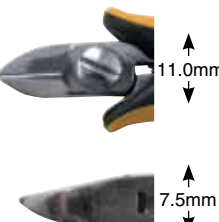
Bevel



D



110mm



11.0mm

7.5mm

327 18 Precision Cutters, Wide Oval Head Carbide Cutting Edges, Bevel

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

#327 18	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	110	4 3/8	1.6	11.0mm	1	.20

Precision Cutters Wide Oval Form

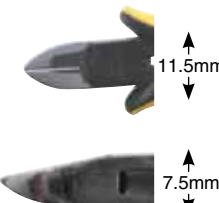
Flush



D



115mm



11.5mm

7.5mm

327 20 Precision Cutters, Wide Oval Head, Flush

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

#327 20	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.19

Precision Cutters Wide Oval Form

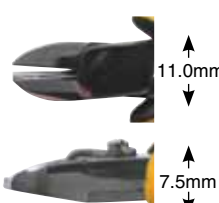
Flush



D



115mm



11.0mm

7.5mm

327 21 Precision Cutters, Wide Oval Head With Wire Trapping Device, Flush

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

#327 21	mm	Inch	Copper	Head Wdth	Pkg.	lbs.
	115	4.5	1.2	11.0mm	1	.23

Wiha ESD Safe Pliers & Cutters

Oblique Angled Cutters

Flush



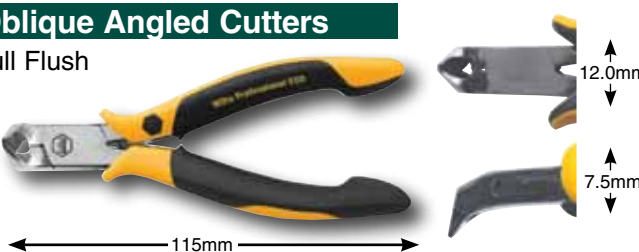
327 22 Oblique Angled Cutters, 29°, Flush

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

#327 22	mm	Inch	Copper	Head Width	Pkg.	lbs.
	115	4.5	1.2	12.0mm	1	.24

Oblique Angled Cutters

Ultra Full Flush



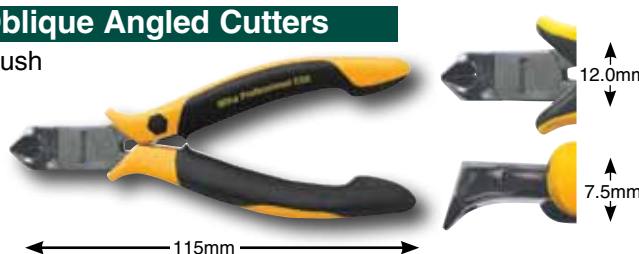
327 24 Oblique Angled Cutters, 29°, Full Flush

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

#327 24	mm	Inch	Copper	Head Width	Pkg.	lbs.
	115	4.5	1.0	12.0mm	1	.24

Oblique Angled Cutters

Semi Flush



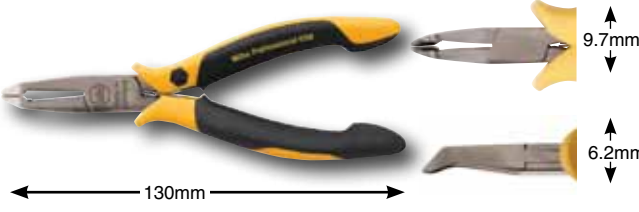
327 26 Oblique Angled Cutters, 29°, Short Head, Semi Flush

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

#327 26	mm	Inch	Copper	Head Width	Pkg.	lbs.
	115	4.5	1.2	12.0mm	1	.24

Oblique Front Cutters

Flush



327 28 Oblique Front Cutters, Very Small Head, 40°, Flush

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

#327 28	mm	Inch	Copper	Head Width	Pkg.	lbs.
	130	5.1	0.6	8.5mm	1	.21

ESD Safe Tool Set In Canvas Pouch



327 93 11 Piece Set, 4 ESD Safe Pliers, Slotted & Phillips

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

#327 93 11 piece ESD Safe Pliers & Slotted/Phillips Precision Drivers

Set in custom case includes:

ESD Safe Pliers & Cutters

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

ESD Safe Screwdrivers

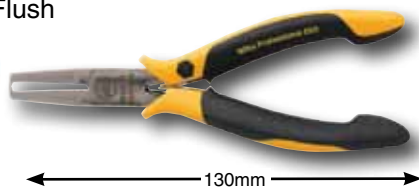
27220 Slotted 2.0mm	27305 Phillips #00
27225 Slotted 2.5mm	27310 Phillips #0
27230 Slotted 3.0mm	27320 Phillips #1
27235 Slotted 3.5mm	

lbs. 2.43

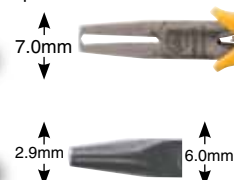
Wiha ESD Safe Pliers & Cutters

End Cutters Extra Slim

Semi Flush



Tip Width



#327 32 End Cutters, Extra Slim, Semi Flush

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

#327 32	mm	Inch	Copper	Tip Width	Pkg.	lbs.
	130	5.1	0.6	4.1mm	1	.16

End Cutters Wide Head

Flush



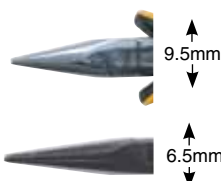
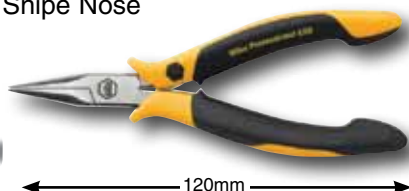
#327 34 End Cutters, Wide Head, Flush

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

#327 34	mm	Inch	Copper	Head Width	Pkg.	lbs.
	115	4.5	1.4	11.0mm	1	.18

ESD Safe Pliers

Short Snipe Nose



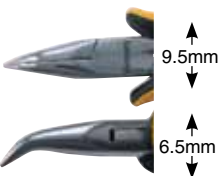
#327 42 ESD Safe Pliers, Short Snipe Nose (Chain Nose) Straight, Serrated Jaws

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

#327 42	mm	Inch	Head Width	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.20

ESD Safe Pliers

Bent Snipe Nose 45°



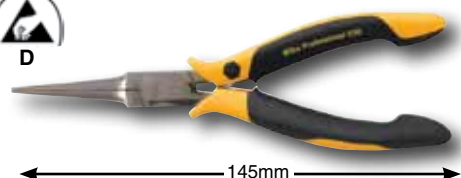
#327 44 ESD Safe Pliers, Snipe Nose (Chain Nose) Bent 45°, Smooth Jaws

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

#327 44	mm	Inch	Head Width	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.20

ESD Safe Pliers

Long Needle Nose



#327 46 ESD Safe Pliers, Long Needle Nose Pliers, Straight, Serrated Jaws

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

#327 46	mm	Inch	Head Width	Pkg.	lbs.
	145	5 3/4	12.0mm	1	.27

Wiha ESD Safe Pliers & Cutters

ESD Safe Pliers

Needle Nose, Bent 90°



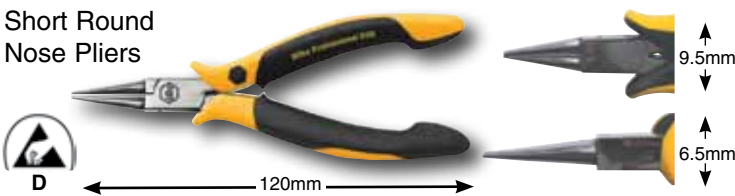
327 48 ESD Safe Pliers, Needle Nose Pliers, Bent 90°, Smooth Jaws

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

#327 48	mm	Inch	Head Wdth	Pkg.	lbs.
	145	5 3/4	12.0mm	1	.21

ESD Safe Pliers

Short Round Nose Pliers



327 50 ESD Safe Pliers, Short Round Nose Pliers, Smooth Jaws

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

#327 50	mm	Inch	Head Wdth	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.17

ESD Safe Pliers

Short Flat Nose Pliers



327 52 ESD Safe Pliers, Short Flat Nose Pliers, Smooth Jaws

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

#327 52	mm	Inch	Head Wdth	Pkg.	lbs.
	120	4 3/4	9.5mm	1	.16



327 90 4 Piece ESD Safe Pliers Set In Custom Case Pliers drop-forged for an ideal material structure. Two component non-slip soft grip handle. ESD Safe Dissipative. ESD standard IEC 61340-5-1

#327 90 4 piece ESD Safe Pliers Set

Set includes:

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

🔧 lbs. 2.06



ESD standard
IEC 61340-5-1

327 91 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.

#327 91 11 piece ESD Safe Pliers, Tweezers & SYS 4 precision

Set in custom case includes:

ESD Safe Pliers & Cutters

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

SYSTEM 4 Set in separate pouch

28000 ESD Safe Conductive Precision Handle

Slotted: 1.5, 2.0, 3.0 & 4.0 Phillips: 000, 00, 0 & 1

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

🔧 lbs. 2.43


Wiha ESD Safe Protturn Pliers & Cutters

Protturn available Spring 2010

NEW
 From Wiha

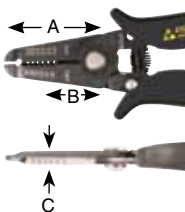
protturn

 Glare free
 black finish
Surface resistance of handles is $10^6 - 10^9$ Ohms
 Hardened steel
 return spring

 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

protturn

458 10 Protturn ESD Safe Wire Stripper

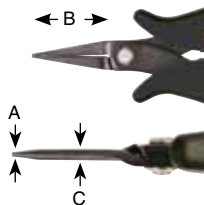
ESD standard IEC 61340-5-1. C70 special tool steel.

Glare free, black finish. ESD Safe handle with non-slip grips.

Strips 0.2, 0.3, 0.4, 0.5, 0.6, 0.8mm

#458 10	mm	Inch	Strips AWG	A	B	C	Pkg.	lbs.
	165	6.5	30 to 20	30mm	12mm	4mm	1	.25

ESD Safe Long Nose Pliers

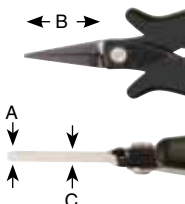
protturn

458 11 Protturn ESD Safe Long Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel.

Glare free, black finish. ESD Safe handle with non-slip grips.

#458 11	mm	Inch	A	B	C	Pkg.	lbs.
	160	6.3	2mm	30mm	3mm	1	.18

ESD Safe Flat Nose Pliers

protturn

458 12 Protturn ESD Safe Flat Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel.

Glare free, black finish. ESD Safe handle with non-slip grips.

#458 12	mm	Inch	A	B	C	Pkg.	lbs.
	160	6.3	2mm	32mm	3mm	1	.18

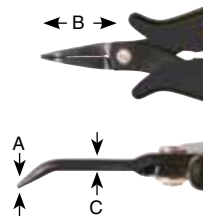
Wiha ESD Safe Protturn Pliers & Cutters

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

NEW
From Wiha

Protturn available Spring 2010

ESD Safe Bent Nose Pliers



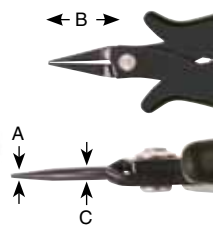
458 13 Protturn ESD Safe Bent Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel.

Glare free, black finish. ESD Safe handle with non-slip grips.

#458 13	mm	Inch	A	B	C	Pkg.	lbs.
	152	6.0	2mm	30mm	4mm	1	.18

ESD Safe Round Nose Pliers



458 14 Protturn ESD Safe Round Nose Pliers

ESD standard IEC 61340-5-1. C70 special tool steel.

Glare free, black finish. ESD Safe handle with non-slip grips.

#458 14	mm	Inch	A	B	C	Pkg.	lbs.
	152	6.0	2mm	22mm	3mm	1	.17

ESD Safe Diagonal Cutters



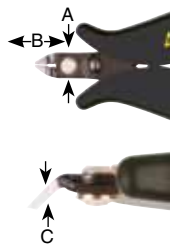
458 20 Protturn ESD Safe 21° Precision Cutters/Flush Cut

ESD standard IEC 61340-5-1. C70 special tool steel.

Glare free, black finish. ESD Safe handle with non-slip grips.

#458 20	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	127	5.0	18/1mm	13mm	12mm	3mm	1	.16

ESD Safe Diagonal Cutters



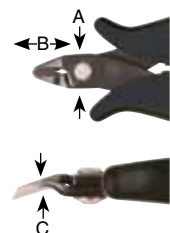
458 21 Protturn ESD Safe 45° Precision Cutters/Flush Cut

ESD standard IEC 61340-5-1. C70 special tool steel.

Glare free, black finish. ESD Safe handle with non-slip grips.

#458 21	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	127	5.0	18/1mm	10mm	9mm	2mm	1	.14

ESD Safe Diagonal Cutters



458 22 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.

#458 22	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	140	5.5	16/1.3mm	13mm	12mm	3mm	1	.15


NEW
From Wiha

Wiha ESD Safe Protorn Pliers & Cutters

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

Protorn available Spring 2010

ESD Safe Diagonal Cutters



458 23 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.

#458 23	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	133	5.25	14/1.6mm	10mm	10mm	2mm	1	.14

ESD Safe Diagonal Cutters



458 24 Protorn 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.

#458 24	mm	Inch	AWG	A	B	C	Pkg.	lbs.
	140	5.5	14/1.6mm	13mm	12mm	2.5mm	1	.16

protorn

NEW
From Wiha

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

 ESD standard
IEC 61340-5-1

458 90 26 Pc. Set, Protorn ESD Safe Pliers, Precision Slotted & Phillips Screwdrivers, Precision Micro Bit Set & ESD Safe Tweezers

ESD Protorn 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.

#458 90 26 Piece ESD Safe Pliers, Precision Screwdrivers, Micro Bit Set & ESD Tweezer In Custom Case Includes:

ESD Safe Protorn Strippers, Pliers & Cutters

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

ESD Safe Slotted & Phillips Precision Screwdrivers

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

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

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

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

lbs. 2.05

Wiha Canvas Pouches



911 77 Roll-Up Pouch

Wiha canvas roll-up pouch holds 4 Pliers & 7 Screwdrivers

Item No.	Width Size	Height Size	Weight lbs.	Volume pkg.
911 77	12.0 x	20.75	.45	1



912 01 Roll-Up Pouch Wiha canvas roll-up pouch has 8 pockets

Item No.	Width Size	Height Size	Weight lbs.	Volume pkg.
912 01	26.75 x	16.5	.60	1



912 05 Belt Pack Pouch

Wiha canvas belt pack pouch holds 3 Pliers & 2 Screwdrivers

Item No.	Width Size	Height Size	Weight lbs.	Volume pkg.
912 05	5.25 x	9.5	.19	1

PortaCrimp Dies, Frame & Sets

PortaCrimp Tools



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

Parallel action mimics applicator type performance



Tested to 50,000 Crimps

Reliable, ratchet controlled, ensures consistent and accurate crimp



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

PortaCrimp Tool Sets



431 90 4 Piece PortaCrimp Die Set Electrical

Reliable, ratchet controlled, ensures consistent and accurate crimp.

Item				
No.	Set includes: Tool frame &	lbs.	Pkg.	
431 90	43129, 43128, 43142	5.0	1	



431 91 4 Piece PortaCrimp Die Set Industrial

Reliable, ratchet controlled, ensures consistent and accurate crimp.

Item				
No.	Set includes: Tool Frame &	lbs.	Pkg.	
431 91	43129, 43127, 43147	5.0	1	



431 92 4 Piece PortaCrimp Die Set Data Com Telco

Reliable, ratchet controlled, ensures consistent and accurate crimp.

Item				
No.	Set includes: Tool Frame &	lbs.	Pkg.	
431 92	43144, 43136, 43132	5.0	1	

PortaCrimp Tool Frame



431 49 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.

#431 49	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.



431 28 PortaCrimp Die Set For Green & Yellow Insulated Terminals & Splices

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 28	4-6 & 0.1-0.4mm ²	26-22 & 12-10	1.2	1



431 29 PortaCrimp Die Set For Red & Blue Insulated Terminals & Splices

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 29	1.5-2.5 & 0.5-1.5mm ²	22-14	1.2	1



431 42 PortaCrimp Die Set For Non-Insulated Terminals, Lugs & Splices

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 42	4-6 & 0.5-2.5mm ²	12-10 & 22-14	1.2	1



431 37 PortaCrimp Die Set For Non-Insulated Terminals, Lugs & Splices

Item				
No.	Crimps	Awg	lbs.	Pkg.
431 37	2.5/1.5/0.75mm ²	14/16/20	1.2	1



431 39 PortaCrimp Die Set For Non-Insulated Terminals, Lugs & Splices

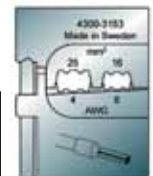
Item				
No.	Crimps	AWG	lbs.	Pkg.
431 39	10/6/4mm ²	8/10/12	1.2	1



431 27 PortaCrimp Wire Ferrules - Insulated & Non-Insulated

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

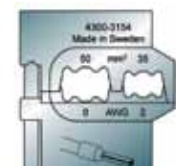
Item				
No.	Crimps	AWG	lbs.	Pkg.
431 27	10/6/4/2.5/1-1.5/.25-.75mm ²	8-24	1.2	1



431 53 PortaCrimp Wire Ferrules - Insulated & Non-Insulated

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

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 53	25 & 16mm ²	6 & 4	1.2	1



431 54 PortaCrimp Wire Ferrules - Insulated & Non-Insulated

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

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 54	50 & 35mm ²	1/0 & 2	1.2	1



431 46 PortaCrimp Open Barrel, Non-Insulated Standard Commercial Terminals & Lugs - .250" (6.3mm) Push On Terminals

Item				
No.	Crimp	AWG	lbs.	Pkg.
431 46	4-6/1.5-2.5/0.5-1.0mm ²	22-10	1.2	1

PortaCrimp Dies



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



431 50 PortaCrimp Open Barrel Non-Insulated Push On Terminals DIN 46247-1 .110" (2.8mm) Tab

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 50	0.5-1.0/0.25-0.5/0.1-0.25mm ²	26-18	1.2	1



431 51 PortaCrimp Open Barrel Non-Insulated Push On Terminals DIN 46247-2 .187" (4.8mm) Tab

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 51	1.5-2.5 & 0.5-1.5mm ²	22-14	1.2	1



431 43 PortaCrimp Weather Pack Open Barrel Terminals

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 43	4.0-1.0mm ²	12-20	1.2	1



431 41 PortaCrimp Fiber Optic Die set for SMA, SMB, SFR, ST, SC fiber optic connectors (.178"/.213"/.151"/.128" hex)

Item				
No.	Crimps		lbs.	Pkg.
431 41	4.52/5.41/3.84/3.25mm	(.178"/.213"/.151"/.128")	1.2	1



431 36 PortaCrimp Coaxial Network & Communications

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

Item	Crimps			
No.	1.69/5.41/6.48mm	lbs.	Pkg.	
431 36	(.213"/.255"/.068"hex)	1.2	1	



431 38 PortaCrimp Coaxial Network & Communications, CATV, HDTV, Video Die set for RG6, Belden 1694A, Twinax BNC, CATV F Coaxial Connectors (.360"/.324" Hex).

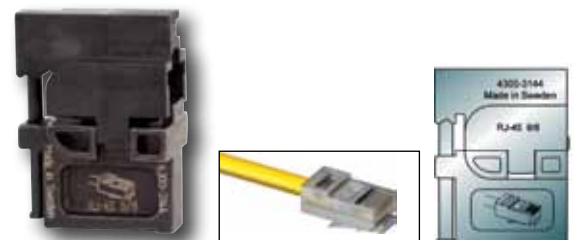
Item	Crimps			
No.	9.14 & 8.23mm	(.360"/.324")	lbs.	Pkg.
431 38			1.2	1



431 40 PortaCrimp Coaxial Network & Communications

Die set for RG174, RG179 BNC/TNC Coaxil Connectors (.178"/.128"/.068" Hex, .028"(.07mm)Sq).

Item	Crimps			
No.	4.52/3.25/1.69mm hex 0.7mm sq.	lbs.	Pkg.	
431 40	(.178"/.128"/.068" hex, .028" sq.)	1.2	1	



431 44 PortaCrimp Datacom/Telecom Modular Plug

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

Item				
No.	RJ45	lbs.	Pkg.	
431 44		1.2	1	



431 32 PortaCrimp Datacom/Telecom Modular Plug

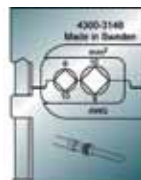
Die set for 6-position 6-contact (RJ11).

Item				
No.	RJ11	lbs.	Pkg.	
431 32		1.2	1	



431 47 PortaCrimp Power Contacts

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 47	4 / .14-1 / 2.5 / 1.5mm	26-12	1.2	1



431 48 PortaCrimp Power Contacts

Item				
No.	Crimps	AWG	lbs.	Pkg.
431 48	6 & 10mm	10-8	1.2	1



431 58 PortaCrimp Die set for heat shrink connectors:

0.5-1.5mm² red & 1.5-2.5mm² blue.

Item	Crimps			
No.	0.5-1.5mm ² (22-16AWG) red	lbs.	Pkg.	
431 58	1.5-2.5mm ² (16-14 AWG) blue	1.2	1	



431 62 PortaCrimp Die set for heat shrink connectors:

4-6mm² yellow & 0.32-0.75mm² green.

Item	Crimps			
No.	4-6mm ² (12-10AWG) yellow	lbs.	Pkg.	
431 62	0.32-0.75mm ² (22-18AWG) green	1.2	1	



Professional Crimping Tools



436 52 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.

#436 52	mm	Inch	lbs.	Pkg.
	200	7.87		1



436 54 Tool Die D-RJ11

Item no.	lbs.	Pkg.
436 54	1.0	1
Crimps: 6/6, 6/4 RJ11		



436 57 Crimping Tool Die

D-RJ45U (universal)		
Item no.	lbs.	Pkg.
436 57	1.0	1
Crimps: 8/8, 8/6, 8/4, Universal RJ45 (Primary strain relief punch only)		



436 55 Tool Die D-RJ22

Item no.	lbs.	Pkg.
436 55	1.0	1
Crimps: 4/4, 4/2 RJ22		



436 58 Crimping Tool Die

D-MMJ (DEC)		
Item no.	lbs.	Pkg.
436 58	1.0	1
Crimps: 6 pos. DEC/6		



436 56 Tool Die D-RJ45

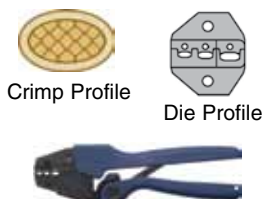
Item no.	lbs.	Pkg.
436 56	1.0	1
Crimps: 8/8, 8/6, 8/4 RJ45 (Primary & secondary strain relief punches)		



436 59 Tool Die D-10POS

Item no.	lbs.	Pkg.
436 59	1.0	1
Crimps: 10 pos.		

Ergonomic Symmetric Crimping Tool



436 16 Insulated Ergonomic Symmetric Crimping Tool

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on red, blue, yellow insulated terminals on wires ranging from 0.75 - 6.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 16	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	22 - 10 (0.75-6.0mm ²)	1.2	1

50,000 Cycle Rated

Non-Insulated Crimping Tool

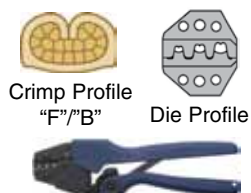


436 32 Non-Insulated Crimping Tool For Non-insulated terminals, lugs, wire splices and solid/standard wires ranging from 0.75 - 6.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 32	mm	Inch	AWG	lbs.	Pkg.
			22 - 10 (0.75-6.0mm ²)	1.2	1

50,000 Cycle Rated

Ergonomic UnInsulated Open Barrel Crimping Tool



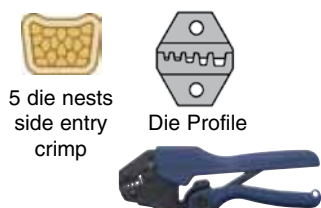
436 22 UnInsulated Ergonomic Open Barrel Crimping Tool

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on uninsulated open barrel connectors terminals on wires ranging from 0.5 - 6.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 22	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	22 - 10 (0.5-6.0mm ²)	1.2	1

50,000 Cycle Rated

Ergonomic End Splices/Ferrules Crimping Tool



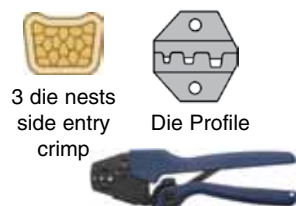
436 11 Insulated & UnInsulated Ergonomic End Splices/Ferrules Crimping Tool

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on wires ranging from 0.5 - 6.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 11	mm	Inch	AWG	lbs.	Pkg.
	212	8.35	22 - 10 (0.5-6.0mm ²)	1.3	1

50,000 Cycle Rated

Ergonomic End Splices/Ferrules Crimping Tool



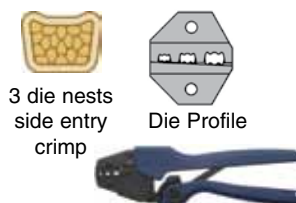
436 19 Insulated & UnInsulated Ergonomic End Splices/Ferrules Crimping Tool

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 4.0 - 10.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 19	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	12 - 8 (4.0-10.0mm ²)	1.2	1

50,000 Cycle Rated

Ergonomic End Splices/Ferrules Crimping Tool



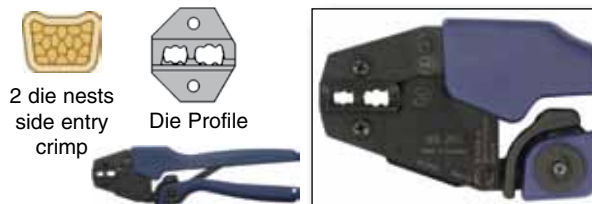
436 20 Insulated & UnInsulated Ergonomic End Splices/Ferrules Crimping Tool

Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 10.0 - 25.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 20	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	6 - 4 (10.0-25.0mm ²)	1.2	1

50,000 Cycle Rated

Ergonomic End Splices/Ferrules Crimping Tool



436 21 Insulated & Uninsulated Ergonomic End Splices/Ferrules Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 35.0 - 50.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 21	mm	Inch	AWG	lbs.	Pkg.
	255	10.0	2 - 1/0 (35.0-50.0mm ²)	1.2	1

50,000 Cycle Rated

Ergonomic End Splices/Ferrules Crimping Tool

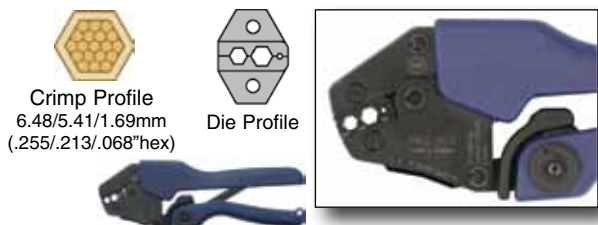


436 53 Insulated & Uninsulated Ergonomic End Splices/Ferrules Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 0.5 - 6.0mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 53	mm	Inch	AWG	lbs.	Pkg.
	220	8.66	22 - 10 (0.5-6.0mm ²)	1.0	1

50,000 Cycle Rated

Ergonomic Coaxial Crimping Tool

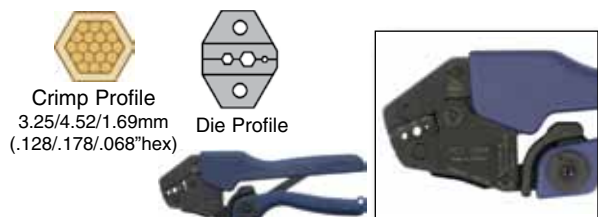


436 14 Ergonomic Coaxial BNC, TNC Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on BNC, TNC coaxial connectors RG58, RG59, RG62, RG71, Thinnet. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 14	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	212	8.35	6.48/5.41/1.69mm (.255"/.213"/.068"hex)	1.1	1

50,000 Cycle Rated

Ergonomic Coaxial Crimping Tool

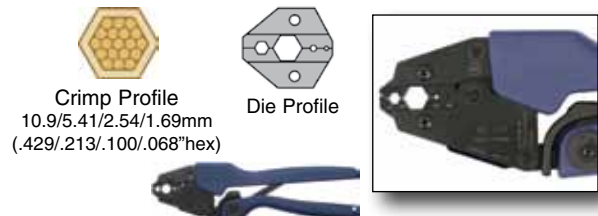


436 13 Ergonomic Coaxial SMA, SMB, SMC Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on SMA, SMB, SMC coaxial connectors RG174, RG179 A/F. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 13	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	212	8.35	3.25/4.52/1.69mm (.128"/.178"/.068"hex)	1.1	1

50,000 Cycle Rated

Ergonomic Coaxial Crimping Tool

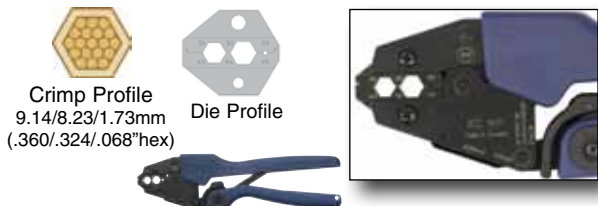


436 28 Ergonomic Coaxial BNC, TNC Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on BNC, TNC coaxial connectors RG58, RG8, RG11, Ethernet, Thinnet. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 28	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	261	10.28	5.41/10.9/2.54/1.69mm (.429"/.213"/.100"/.068"hex)	1.2	1

50,000 Cycle Rated

Ergonomic Coaxial Crimping Tool

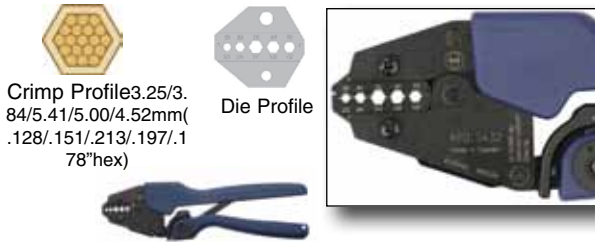


436 87 Ergonomic Coaxial Twinax CATV, F Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on Twinax CATV, F coaxial connectors RG6, RG6 Quad, 1695, Twinax. Ratchet action ensures full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 87	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	261	10.28	8.23/9.14/1.73mm (.360"/.324"/.068"hex)	1.2	1

50,000 Cycle Rated

Ergonomic Fiber Optic Crimping Tool

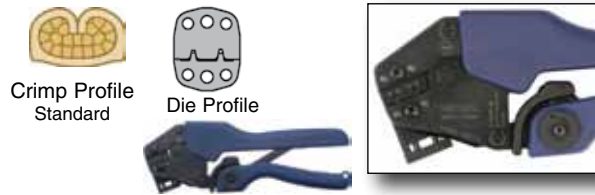


436 30 Ergonomic SMA, SMB, SFR, ST, SC Fiber Optic Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on SMA, SMB, SFR, ST, SC fiber optic connectors. Symmetric dies for right or left hand operation. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 30	mm	Inch	Hex Crimp Dim.	lbs.	Pkg.
	261	10.28	3.25/3.84/5.41/5.0/4.52mm (.128/.151/.213/.197/.178"hex)	1.2	1

50,000 Cycle Rated

Ergo D Sub Uninsulated/Open Barrel Crimping Tool



436 15 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 - 0.5mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 15	mm	Inch	AWG	lbs.	Pkg.
	212	8.35	30 - 20 (0.08-0.5mm ²)	1.1	1

50,000 Cycle Rated

Ergo D Sub Uninsulated/Open Barrel Crimping Tool

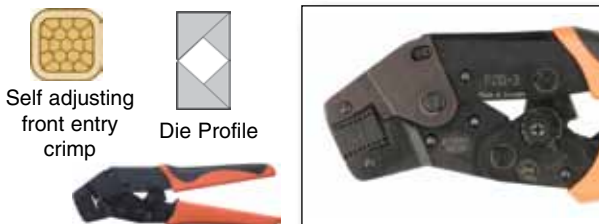


436 17 Ergonomic D Sub Uninsulated/Open Barrel Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on Uninsulated/Open Barrel, D Sub wires ranging from 0.08 - 0.5mm². Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance.

#436 17	mm	Inch	AWG	lbs.	Pkg.
	212	8.35	28 - 20 (0.08-0.5mm ²)	1.1	1

50,000 Cycle Rated

End Splices/Ferrules Crimping Tool



436 47 Insulated & Uninsulated End Splices/Ferrules Crimping Tool Precision ratchet crimp tool designed to provide consistent & reliable crimp connections on end splices/ferrules terminals on wires ranging from 0.5 - 6.0mm². Front entry for easy access within confined spaces. Ratchet action to ensure full crimp cycle with safety release. Factory set for precise crimping to guarantee performance. Two component comfort grip handle.

#436 47	mm	Inch	AWG	lbs.	Pkg.
	197	7.75	22 - 10 (0.5-6.0mm ²)	.82	1

50,000 Cycle Rated

Soft Grip Crimping Pliers



326 Crimping Pliers DIN ISO 5743

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

Item No.	mm	Inch	mm ²	Pkg.	wt.
326 04 Z14560001	145	5.75	0.25-2.5	1	.29
326 05 Z18060001	180	7.0	0.25-16	1	.57

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

Automatic Stripping Tool



Interchangeable stripping blade cassettes



Cuts & strips up to 10mm²/8 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 - 10.0mm²



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

34-8 AWG

442 12 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.

#442 12	mm	Inch	AWG	Strip Dim.	lbs.	Pkg.
	191	7.5	34 - 8	0.02-10mm²	.30	1

Replaceable Cassette - Straight Blade



Straight Blade Cassette Stripping Range
0.02 - 10.0mm²



34-8 AWG

Straight

442 14 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.

#442 14	mm	Inch	AWG	Strip Range	lbs.	Pkg.
			34 - 8	0.02-10mm²	.02	1

Replaceable Cassette - 4-16mm²



Stripping Range
4-16mm²



10-5 AWG

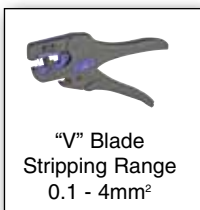
Radius Blade

442 69 Replaceable Cassette, 4-16mm Stripping Range

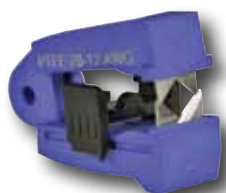
Fine adjustability ensures that thin insulations can be stripped without damage to conductors. At the end of the stripping function, the stripping blades open and remain open during the return phase of the strip cycle facilitating easy/snag free wire removal from the tool.

#442 69	mm	Inch	AWG	Strip Range	lbs.	Pkg.
			10 - 5	4-16mm²	.02	1

Replaceable Cassette - "V" Blade



"V" Blade Stripping Range
0.1 - 4mm²



28-12 AWG

VBC for PTFE

442 13 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.

#442 13	mm	Inch	AWG	Strip Range	lbs.	Pkg.
			28 - 12	0.1-4mm²	.02	1

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page
32340	10	32660	18	32724	29	32919	13	43151	37	56818	24
32341	10	32661	18	32726	29	32922	13	43153	36	56825	24
32344	10	32662	21	32728	29	32924	13	43154	36	56830	25
32346	10	32663	18	32732	30	32925	13	43158	38	56833	25
32347	10	32664	18	32734	30	32931	13	43162	38	56871	14,25
32348	10	32665	18	32742	30	32936	13	43190	35	76208	9
32391	11	32666	21	32744	30	32940	13	43191	35	76210	9
32395	11	32667	18	32746	30	32943	13	43192	35	76212	9
32397	11	32668	18	32748	31	32946	12	43611	39	76215	9
32398	11	32669	18	32750	31	32949	13	43613	40	76290	9
32399	11	32670	18	32752	31	32950	13	43614	40	91177	34
32600	19	32671	20	32790	31	32953	13	43615	41	91201	34
32601	20	32672	20	32791	31	32962	14	43616	39	91205	34
32602	19	32674	20	32793	29	32967	14	43617	41	91230	8
32603	16	32676	20	32804	6	32969	14	43619	39		
32604	41	32678	20	32806	6	32970	23	43620	39		
32605	41	32680	20	32807	6	32971	23	43621	40		
32606	16	32681	21	32808	6	32972	23	43622	39		
32608	19	32682	21	32810	6	32974	23	43628	40		
32609	16	32683	21	32814	4	32975	23	43630	41		
32610	20	32684	21	32816	4	32976	23	43632	39		
32611	20	32685	21	32818	4	32978	23	43647	41		
32612	16	32686	21	32820	4	32979	23	43652	38		
32615	16	32687	21	32821	4	32980	23	43653	40		
32616	16	32688	21	32826	5	32990	15	43654	38		
32618	17	32689	21	32828	5	32992	15	43655	38		
32621	17	32690	21	32830	5	32993	15	43656	38		
32623	17	32691	21	32832	5	32994	15	43657	38		
32625	17	32692	21	32834	5	32995	23	43658	38		
32626	22	32693	22	32835	5	32996	23	43659	38		
32627	22	32694	21	32836	5	32997	15	43687	40		
32628	22	32695	21	32838	5	32998	15	44212	42		
32629	22	32696	21	32850	8	43127	36	44213	42		
32630	17	32697	21	32852	8	43128	36	44214	42		
32633	17	32698	20	32854	8	43129	36	44269	42		
32638	19	32702	26	32859	8	43132	38	45810	32		
32639	19	32703	26	32860	6	43136	37	45811	32		
32642	19	32704	26	32861	5	43137	36	45812	32		
32645	16	32705	26	32870	6	43138	37	45813	33		
32646	19	32706	27	32871	7	43139	36	45814	33		
32648	20	32708	27	32872	7	43140	37	45820	33		
32649	19	32710	27	32873	7	43141	37	45821	33		
32652	19	32711	27	32883	7	43142	36	45822	33		
32653	17	32712	27	32885	7	43143	37	45823	34		
32654	21	32714	28	32889	7	43144	37	45824	34		
32655	17	32716	28	32891	7	43146	36	45890	34		
32656	21	32718	28	32908	12	43147	38	56801	25		
32657	20	32720	28	32909	12	43148	38	56812	24		
32658	20	32721	28	32910	12	43149	35	56813	25		
32659	20	32722	29	32916	12	43150	37	56815	24		



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99002.wo - Screwdrivers Catalog



99951.wo - Bits Catalog



99001.wo - TorqueControl Catalog



99934.wo - Hex Tools Catalog



99919.wo - Insulated Catalog



99945.wo - ESD Catalog



99914.wo - TORX Catalog