

CABLE AND WIRE ROPE SHEARS

95

Cable Shears









IEC 60900 ASTM F1505



95 06 230
 ⚡ 1000 V    

- insulated and tested according to IEC 60900 / ASTM F 1505
- not suitable for ACSR, steel wire and hard drawn copper conductors
- precision ground, hardened blades
- no crushing
- with pinch guard and slip guard
- adjustable bolted joint
- shears body: Surgical steel; stainless, air-hardened
- handles: plastic, impact-resistant

95 06 230
 for copper conductors single wire up to 16 mm², multiple wire up to 1/0 AWG, fine- stranded up to 70 mm² and aluminium conductors multiple wire up to 70 mm²; easy cutting with one handed operation due to high transmission ratio; stainless – surgical steel, oil-hardened and tempered

Product Number	↔			Head	Handles	Cutting capacities			AWG	 Ounces
	inch	mm				 Ø inch	 Ø mm	 mm²		
95 06 230	9 1/4	230	⚡ 1000 V    	polished	plastic insulated, VDE-tested	5/8	16.0	50	1/0	9.7

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Cable Shears



95 11 165
 





95 12 165
 






95 18 165 SBA
 ⚡ 1000 V    



95 21 165 SBA
 



95 22 165
  

- for cutting copper and aluminium cables, single and multiple wire
- not suitable for ACSR, steel wire and hard drawn copper conductors
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- easy cutting with one hand operation
- with pinch guard and slip guard
- adjustable bolted joint, self-locking screw
- High-grade special tool steel; forged, oil-hardened

Style 2
 internal opening spring, protected and captive



Cut performed with a Diagonal Cutter:
 high effort required, inaccurate cut, considerable deforming and crushing of the cable



Cut performed with a Cable Shear:
 easy, clean cut without any deformation of the cable

CABLE AND WIRE ROPE SHEARS

Product Number	↔ inch	↔ mm		Style	Tool	Handles	Cutting capacities			AWG	⚖ Ounces
							⚙ Ø inch	⚙ Ø mm	⚙ mm²		
95 11 165	6 1/4	165	⚙ ⚙	1	burnished	plastic coated	19/32	15.0	50	1/0	7.6
95 12 165	6 1/4	165	⚙ ⚙	1	burnished	with multi-component grips	19/32	15.0	50	1/0	8.8
95 18 165 SBA	6 1/4	165	⚙ ⚙ ⚡ 1000 V ⚡	1	burnished	insulated with multi-component grips, VDE-tested	19/32	15.0	50	1/0	8.8
95 21 165	6 1/4	165	⚙ ⚙ ⚡	2	burnished	plastic coated	19/32	15.0	50	1/0	7.6
95 22 165	6 1/4	165	⚙ ⚙ ⚡	2	burnished	with multi-component grips	19/32	15.0	50	1/0	9.0

95
1

Cable Shears with twin cutting edges

(PATENTED)



95 11 200



95 12 200



95 18 200 SBA



Product Number	↔ inch	↔ mm		Tool	Handles	Cutting capacities			AWG	⚖ Ounces
						⚙ Ø inch	⚙ Ø mm	⚙ mm²		
95 11 200	8	200	⚙ ⚙	burnished	plastic coated	51/64	20.0	70	2/0	10.0
95 12 200	8	200	⚙ ⚙	burnished	with multi-component grips	51/64	20.0	70	2/0	11.4
95 18 200 SBA	8	200	⚙ ⚙ ⚡ 1000 V ⚡	burnished	insulated with multi-component grips, VDE-tested	51/64	20.0	70	2/0	12.0

The double cutting edge allows a comfortable handle position in all cutting situations inside the specified cutting capacity.



- for cutting copper and aluminium cables
- not suitable for ACSR, steel wire and hard drawn copper conductors
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- by dividing the cutting actions into initial cut (insulating sheath in the front cutting area) and final cut (conductor in the back cutting area), cables up to Ø 51/64" can be cut in one handed operation
- less effort required due to favorable lever ratio and optimized cutting edge geometry
- with pinch guard and slip guard
- adjustable screw joint, self-locking
- High-grade special tool steel; forged, oil-hardened

95 18 200 SBA

- insulated and tested according to IEC 60900 and ASTM F1505



Initial cut:
Using the front cutting edge to cut the insulating sheath on larger cable diameters leaves an ergonomic handle opening width.



Final cut:
After cutting the sheath in the front profile, the cut is finished through the metal part of the cable in the rear profile. Initial cut in the front profile, final cut in the rear profile – to keep it as easy as possible.

CABLE AND WIRE ROPE SHEARS

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Cable Shears



95 12 500



95 17 500



- for cutting copper and aluminium cables, single and multiple wire
- not suitable for ACSR, steel wire and wire ropes
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- low handforce required due to favorable lever ratio and new blade geometry
- short design, length only 20"
- lightweight
- with pinch guard
- adjustable bolted joint
- cutter head: Vanadium electric steel; forged, oil-hardened
- handle shank: aluminium tube, high-strength

95 17 500

- insulated and tested according to IEC 60900 and ASTM F1505



Large cutting capacity:
max. 1" dia. / cap. max. AWG 5/0

Product Number	Length			Head	Handles	Cutting capacities			AWG	Ounces
	inch	mm				Ø inch	Ø mm	mm²		
95 12 500	20	500		burnished	with multi-component grips	1	27.0	150	5/0	38.4
95 17 500	20	500		polished	plastic dipped insulated, VDE-tested	1	27.0	150	5/0	52.1

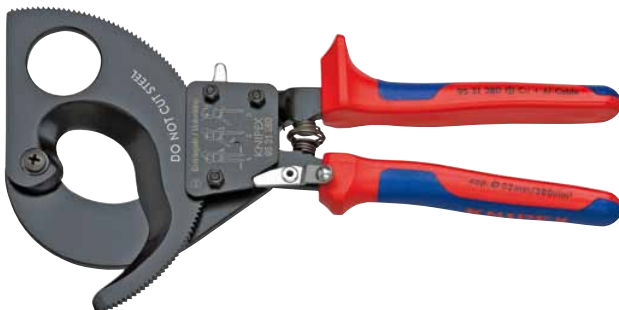
95
3

Cable Cutters (ratchet action)

PATENTED



95 31 250



95 31 280



95 31/36 280

suitable for aluminium sector cable up to 4 x 150 mm²

- for cutting copper and aluminium cables, single and multiple wire
- not suitable for ACSR, steel wire and wire ropes
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- one handed operation using ratchet principle
- little handforce required due to very high transmission ratio
- two-stage ratchet drive for easy cutting
- simple handling as a result of light weight and compact design – can be used even in confined areas
- with pinch guard and slip guard
- High-grade special tool steel; forged, oil-hardened



95 31 280: Large cutting capacity:
max. 2" dia. / cap. max. 750 MCM



Ratchet principle and two-stage ratchet drive for easier cutting

CABLE AND WIRE ROPE SHEARS

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Cable Cutters (ratchet action)

PATENTED

95 36 250 / 280

insulated and tested according to IEC 60900 and ASTM F1505



95 36 250

1000 V



95 31 250/280: fixed handle with support area as an aid to position the pliers when cutting

Product Number	↔ inch	↔ mm		Tool	Handles	Cutting capacities			MCM	Ounces
						Ø inch	Ø mm	mm²		
95 31 250	10	250		black lacquered	with multi-component grips	1 1/4	32.0	240	500	23.8
95 31 280	11	280		black lacquered	with multi-component grips	2	52.0	380	750	30.3
95 36 250	10	250		black lacquered	insulated with multi-component grips, VDE-tested	1 1/4	32.0	240	500	23.0
95 36 280	11	280		black lacquered	insulated with multi-component grips, VDE-tested	2	52.0	380	750	29.5

95
3

Cable Cutters (ratchet action)



95 32 320



95 36 320

1000 V

Sturdy. Easy to use. Innovative ratchet-drive.
For cable up to 2 23/64" in diameter.

- easy handling due to low weight (28.2 oz) and compact construction (12 1/2" length) – usable in confined areas
- cutting through copper and aluminium cables with diameters of up to 2 23/64" in one handed and two handed operation
- hardened cutting edges, precisely ground, cut smoothly and neatly without crushing
- for cutting copper and aluminium single conductors as well as multiple stranded cables
- not suitable for cutting ACSR, steel wire and wire ropes
- innovative three-stage ratchet-drive with high leverage for easy cutting in one handed and two handed operation
- with pinch guard and slip guard
- fixed handle with support area for laying down the pliers when cutting
- High-grade special tool steel; forged, oil-hardened

95 36 320

insulated and tested according to IEC 60900 and ASTM F1505

Product Number	↔ inch	↔ mm		Tool	Handles	Cutting capacities			MCM	Ounces
						Ø inch	Ø mm	mm²		
95 32 320	12 1/2	320		black atramentized	with multi-component grips	2 23/64	60.0	600	1200	28.2
95 36 320	12 1/2	320		black atramentized	insulated with multi-component grips, VDE-tested	2 23/64	60.0	600	1200	28.2
95 39 280			Movable spare blade for 95 31 280 / 95 36 280							

CABLE AND WIRE ROPE SHEARS

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Cable Shears (ratchet action) with telescopic handles



95 32 038





Setting of a favorable handle position



After the first partial cut, the handles open by ratchet



Repeat cutting and opening actions until the cable is cut through

The handles are adjustable in length and can be angled for easier work: set the handle length to the optimum lever for powerful cutting; put the handle at an angle for an ergonomic gripping position.



Cable Shears with adjustable telescopic handles allow angular positioning

- for cable diameters up to 1 1/2"; handles can be positioned at an angle to set the optimum handle width; also suitable for work in confined areas
- comfortable work thanks to ratchet action and light weight
- heavy duty telescopic handles made of oval aluminium tubing; extendable up to 30" for maximum leverage on large cable diameters; retractable down to 22" for minimum space requirements during transport
- replaceable cutting head
- extensive cutting range up to max. Ø 1 1/2" or max. 550 MCM in copper and aluminium cables
- easier, neater cut due to optimized cutting edge geometry
- adjustable bolted joint
- cutting head: Special quality, high-grade tool steel; oil-hardened
- handles: high-strength oval aluminium tubing

Adjustment button



Product Number	↔			Head	Handles	Cutting capacities			MCM	Ounces
	inch	mm				Ø inch	Ø mm	mm²		
95 32 038	22	560		burnished	with multi-component grips	1 1/2	38.0	280	550	69.8
95 39 038					Spare cutter head for 95 32 038					

CABLE AND WIRE ROPE SHEARS

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Cable Cutters (ratchet action) with telescopic handles



95 32 060



- for copper and aluminium cables, single and multiple wire – also with hard rubber or plastic sheath
- not suitable for steel wire and wire ropes
- also suitable for cables with sheet metal sheath
- little handforce required for cutting due to optimum transmission ratio
- with pinch guard
- high cutting capacity due to two handed operation and ratchet action
- the blade can be opened in any cutting position
- blade: Special quality, high-grade tool steel; oil-hardened
- handles: high-strength oval aluminium tubing



- handle length with multiple position adjustment from 15 3/4" - 23 5/8" (short transport length, individual adaptation to working conditions)


old:
with steel tubing



new:
with heavy-duty aluminium telescopic shanks



30% reduction in weight

Product Number	↔	↔		Head	Handles	Cutting capacities			MCM	⚖
	inch	mm				Ø inch	Ø mm	mm²		Ounces
95 32 060	24 3/4	630		burnished	with multi-component grips	2 23/64	60.0	740	1400	135.0
95 32 100	26	680				3 15/16	100.0	960	1900	176.0
95 39 720		Movable spare blade for 95 31 720 / 95 32 060								
95 39 870		Movable spare blade for 95 31 870 / 95 32 100								

CABLE AND WIRE ROPE SHEARS

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Wire Rope Shears forged

double function: neat cutting, precise crimping



95 61 190



95 62 190



Precise guiding
through a bolted joint



Transport lock and
restricted opening

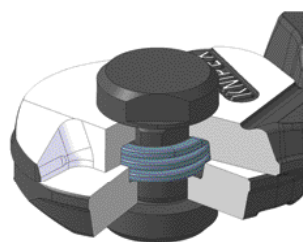
Crimp profiles



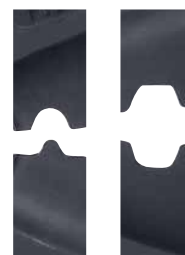
Crimping of the end ferrule onto the traction cable



Crimping of the end caps on the Bowden cable sheath



Internal opening spring



Cuts all wire ropes without splaying or fanning out, including strong materials like tire cord.



- with two crimping dies for end caps on Bowden cable sheaths and end ferrules for wire rope
- comfortable work thanks to slim design and internal opening spring
- bolted joint for precise blade guidance, readjustable
- high leverage for reduced effort
- cutting edge hardness approx. 64 HRC
- Chrome vanadium heavy-duty steel; forged, oil-hardened

Product Number	↔			Head	Handles	Cutting capacities								Ounces
	inch	mm				Ø inch	Ø inch	Ø inch	Ø inch	Ø mm	Ø mm	Ø mm	Ø mm	
95 61 190	7 1/2	190	⊕ ⊗ ◐ ● ◑ ◒	polished	plastic coated	9/32	1/4	5/32	7/64	7.0	6.0	4.0	2.5	11.0
95 62 190	7 1/2	190	⊕ ⊗ ◐ ● ◑ ◒	polished	with multi-component grips	9/32	1/4	5/32	7/64	7.0	6.0	4.0	2.5	11.0

95
6

Bowden Cable Cutter



95 61 150



- for Bowden cables and soft wire rope up to 1/8" dia. (also V2A)
- smooth and clean cutting due to special shape of the cutting edges
- sickle shape cutting edges surround the material and prevent the wire rope fanning out
- little handforce required due to very high transmission ratio
- with opening spring and locking lever

- cutting edges additionally induction hardened
- High-grade special tool steel; forged, oil-hardened



Product Number	↔			Shears	Head	Handles	Cutting capacities		
	inch	mm					Ø inch	Ø mm	Ounces
95 61 150	6	150		black atramentized	polished	plastic coated	1/8	3.0	7.2

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Wire Rope and Cable Cutters



95 71 600



- for ACSR, wire ropes and steel rods, copper and aluminium cables
- angular cutting blades prevent fanning out
- optimum transmission ratio for high cutting performance
- bolted cutter head; replaceable
- lightweight
- cutter head: High-grade special tool steel; oil-hardened
- handles: aluminium, high-strength, drop forged



95 77 600



- 95 77 600**
- insulated and tested according to IEC 60900 and ASTM F1505

Product Number	↔			Head	Handles	Cutting capacities			AWG	Ounces
	inch	mm				inch	Ø inch	Ø inch		
95 71 445	17 1/2	445		polished	with plastic grips	3 3/4	25/64	9/32	3/0	38.2
95 71 600	23 1/2	600		polished	with plastic grips	5 29/32	35/64	23/64	5/0	60.5
95 77 600	23 1/2	600		polished	plastic dipped insulated	5 29/32	35/64	23/64	5/0	83.2

Product Number	↔			Head	Handles		mm²	Ø mm	Ø mm	AWG	Ounces
	mm	mm									
95 71 445	445	445		polished	with plastic grips		95	10.0	7.0	3/0	38.2
95 71 600	600	600		polished	with plastic grips		150	14.0	9.0	5/0	60.5
95 77 600	600	600		polished	plastic dipped insulated		150	14.0	9.0	5/0	83.2

95 79 445 Spare cutter head for 95 71 445

95 79 600 Spare cutter head for 95 71 600 / 95 77 600

95 89 600 Spare cutter head for 95 81 600