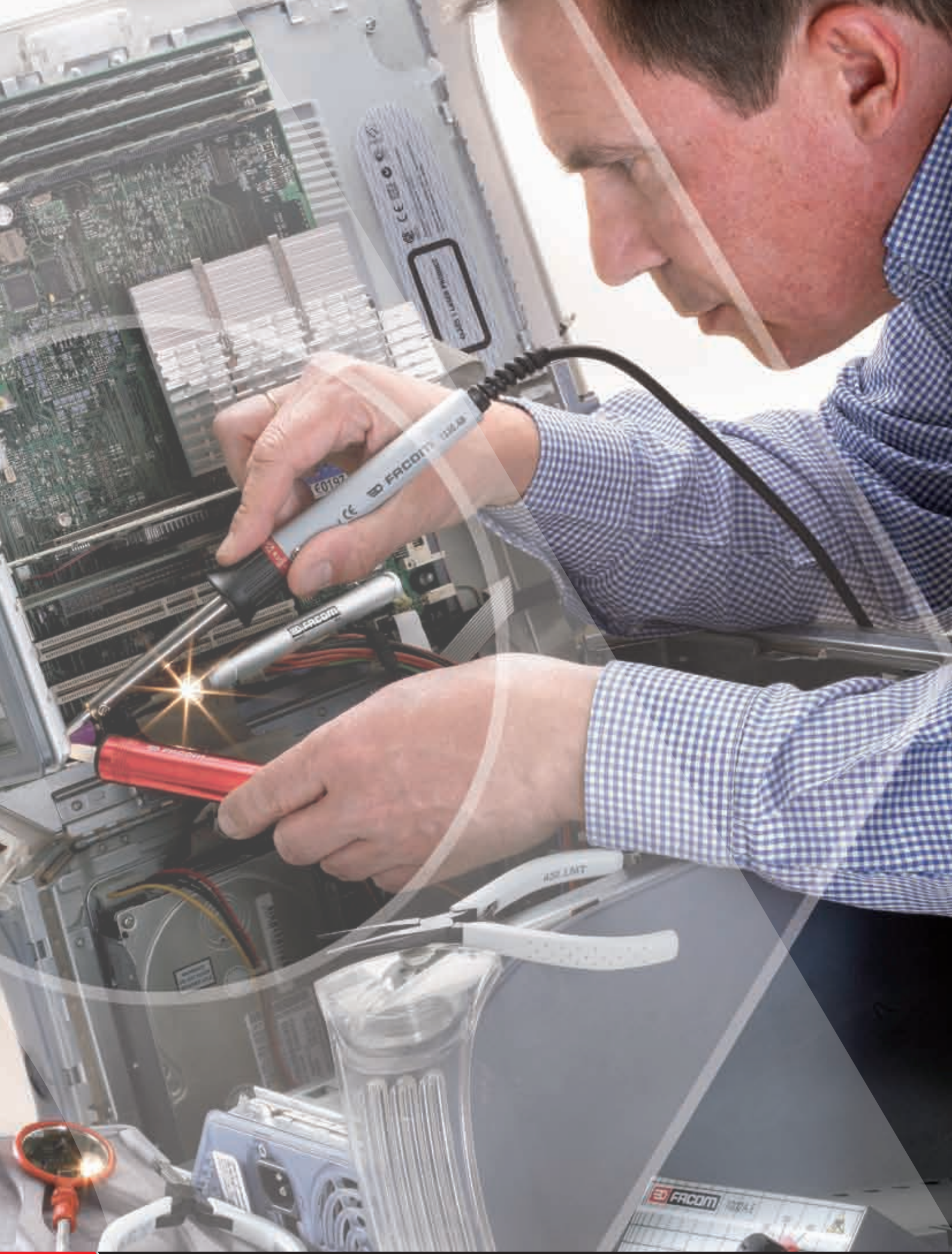

FACOM

17. Electronics

Micro-tech electronics pliers 672

Anti-static series electronics pliers 684

Micro-Tech screwdrivers 690

Series 0 tips – 4 mm drive 692

Micro-Tech screwdriver case sets 693

Watchmaker screwdriver sets 696

Micro-Tech sets 695

Special Micro-Tech pliers 700

Circlip pliers 700
Truarc® pliers 700
Ring pliers 700

Tweezers 697

Standard series 697
PVC-coated series 698
High-precision series 698
Specialised tweezers 699
Tweezer sets 699

Soldering 706

Controlled-heat soldering stations 706
Soldering irons for electronics 707
Instant heat soldering irons 708
Heavy-duty soldering irons 709
Gas soldering irons 709
Soldering wire 710
Soldering accessories 710

Miscellaneous tools 701

Micro-Tech®

A SPECIALISED RANGE OF 300 TOOLS DESIGNED AND DEVELOPED WITH THE HELP OF PROFESSIONALS !

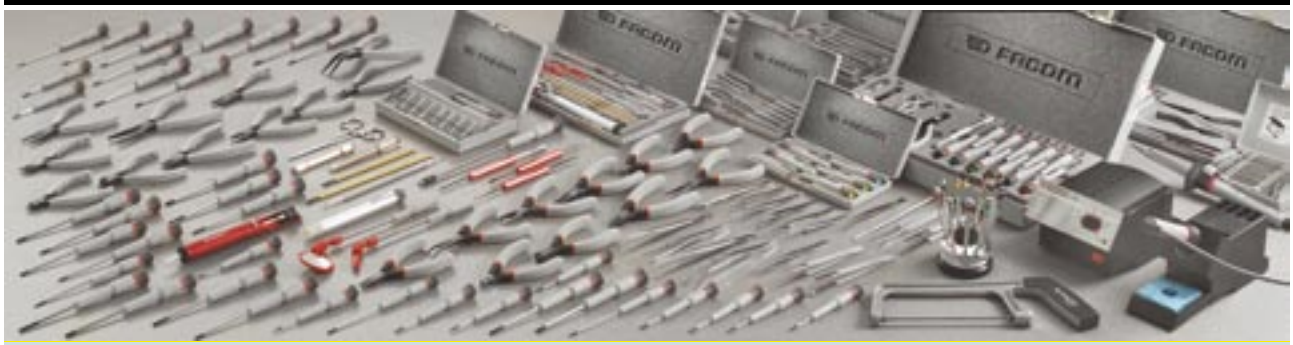
Dedicated features

- *A range of materials to optimise gripping, cutting or handling of small components.*
- *Efficient storage for instant selection of the correct tool.*
- *Antistatic tools providing electrostatic discharge protection.*

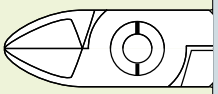
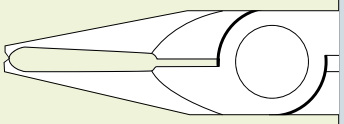
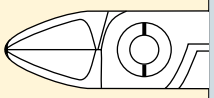
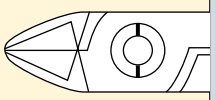
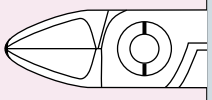
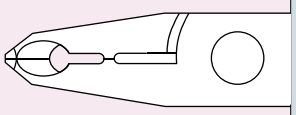
Choosing the right electronics pliers

▼ *ACCORDING TO CUT : The Facom range offers three types. Choose the one best suited to your needs.*

CUTTING EDGES	PATTERN	FEATURES	WIRE TYPE		OPERATION	APPLICATION
AXIAL CUT		Cutting edges are treated to achieve maximum strength and precision cutting of a wide range of materials, from piano wire to copper.	Cu	✔	- Production work. - Day-to-day use. - Maintenance. - Hard materials.	- Customer service (hi-fi) - Machine-tools - Automotive - Domestic appliances
			CuNi alloy CuNi	✔		
			Mild steel 30 HRc	✔		
			Hard steel 50 HRc Piano wire	✔		
SEMI-FLUSH CUT		Micro-chamfered cutting edges ensure high cutting capacity with clean finish. Precision is maintained throughout a long service life even in intensive use. Suitable for semi-hard wire.	Cu	✔	- Clean cut in intensive use - Wiring. - Batch electronics - Semi-hard materials.	- Computers - Telephone exchanges - Video and laser - Micro-Tech® (hi-fi, labs)
			CuNi alloy	✔		
			Mild steel 30 HRc	✔		
			Hard steel 50 HRc Piano wire	✗		
FLUSH CUT		This range is designed to give a through-cut without crushing the wire. Clean-cut ends allow reliable soldering, without damage to electronic components from arcing. Suitable for soft wire only.	Cu	✔	- High-frequency apparatus. - High precision equipment. - Cut-back before soldering. - Electrostatically sensitive components.	- Defence - Aerospace - Aviation - Laboratory
			CuNi alloy	✔		
			Mild steel 30 HRc	✗		
			Hard steel 50 HRc Piano wire	✗		



▼ *ACCORDING TO PROFILE**

NOSE DESIGN		Ø Cu WIRE (mm) 0 0.5 1 1.5 2	Ø MAX Fe WIRE 30 HRc	Ø MAX PIANO WIRE
• Bullet nose for strength 	405.8 MT-E	0.2 —> 1.0	0.5	STOP
	405.MT-E	0.3 —> 1.3	0.7	0.4
	405.10 MT-E	0.3 —> 1.4	0.8	0.5
	405.12MT-E	0.4 —> 2.0	1.0	0.8
	405-E	0.3 —> 1.1	0.7	0.4
	405.10 RMT-RE	0.3 —> 1.2	0.8	0.5
	405.12 RMT-RE*	0.4 —> 1.5	1.0	0.6
• End nose for reach 	408.MT	0.4 —> 1.5	0.5	STOP
• Bullet nose for strength 	406.8-MT-E	0.1 —> 1.0	STOP	STOP
	406.MT-E	0.1 —> 1.3	0.7	
	435.MT-E	0.1 —> 1.3	0.7	
	436.MT-E	0.1 —> 1.2	0.7	
	415.MT-E	0.3 —> 2.0	1.0	
	406.RMT-RE*	0.1 —> 1.1	0.7	
	435.RMT-RE*	0.1 —> 1.1	0.7	
	415.RMT*-RE*	0.3 —> 1.5	0.8	
• Pointed nose for control 	416.MT-E	0.1 —> 1.0	0.5	
	416.PMT-E	0.1 —> 0.8	0.4	
	416.12 MT-E	0.3 —> 1.6	0.7	
	416.RMT	0.1 —> 0.9	0.5	
• Bullet nose for strength 	407.8 MT-E	0.1 —> 0.8	STOP	STOP
	407.MT-E	0.1 —> 1.3		
	425.MT-E	0.1 —> 1.3		
	426.MT-E	0.1 —> 1.2		
• Pointed nose for control	417.PMT-E	0.1 —> 0.8		
• Angled nose for accuracy 	427.MT-E	0.2> 0.6		
	429.MT-E	0.2 —> 1.0		
	430.MT	0.2 —> 1.0		
• End nose for reach	418.MT	0.1 -> 0.6		
	428.MT	0.1 —> 0.8		

"Micro-Tech®"

Bullet-nose cutting pliers

Bullet nose pliers

- *Are stronger than other profiles.*
- *Have a high cutting capacity and durability that are useful in a wide variety of applications.*

AXIAL CUT
All materials, any application.

SEMI-FLUSH CUT
Clean, long-life cut in semi-hard materials.

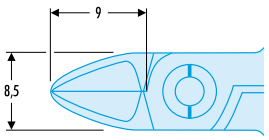
FLUSH CUT
Smooth cut for sound soldered connections.

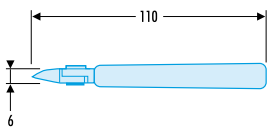
Slim-joint models for precision

▷ ISO 9654
- Suitable for miniature electronic components.

⚖ : 60 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Piano wire Ø mm
405.8MT		0,2 - 1	0,5	
406.8MT		0,1 - 1		
407.8MT		0,1 - 1		



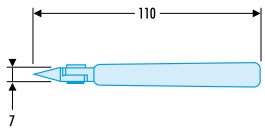


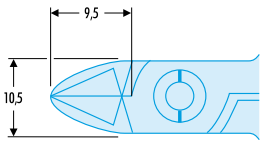
Compact models for manoeuvrability

▷ ISO 9654
- Slimmer bullet-nose profile combines cutting performance with manoeuvrability.
- Available with off-cut retaining system. Model 405.MT is suitable for cutting piano wire d. 0.4 mm

⚖ : 60 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Piano wire Ø mm	Offcut retainer
405.MT		0,3 - 1,3	0,7	0,4	
406.MT		0,1 - 1,3	0,7		
406.RMT		0,1 - 1,1	0,6		•
407.MT		0,1 - 1,3			

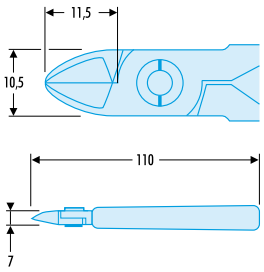




Stocky models for versatility

▷ ISO 9654
- Clean cut in a variety of materials, from copper to piano wire up to > 0.5 mm.
- Available with off-cut retaining system.

⚖ : 60 g.

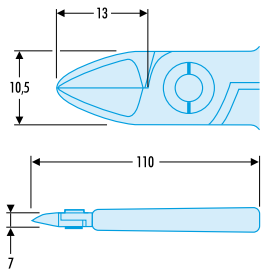


	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Piano wire Ø mm	Offcut retainer
405.10MT		0,3 - 1,4	0,8	0,5	
405.10RMT		0,3 - 1,2	0,7	0,5	•

Long-reach models for accessibility

▷ ISO 9654
- Up to 1.5 to 2 mm more reach than standard cutting pliers
- Available with off-cut retaining system.

⚖ : 60 g.

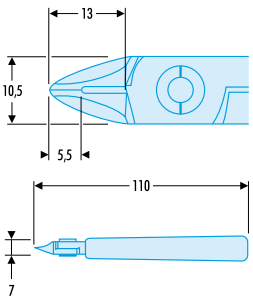


	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Offcut retainer
435.MT		0,1 - 1,3	0,7	
435.RMT		0,1 - 1,1	0,7	•
425.MT		0,1 - 1,3	STOP	

Slim-nose model with back clearance

▷ ISO 9654
- For cutting behind components and reaching under obstacles such as coils or resistors.

⚖ : 60 g.

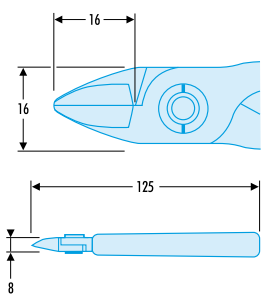


	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
436.MT		0,1 - 1,2	0,7
426.MT		0,1 - 1,2	STOP

Heavy-duty models for power

▷ ISO 9654
- For tough applications and repetitive work on a wide range of materials.
- Piano wire 405.12 MT : 0.8 mm ; 405.12 RMT : 0.6 mm.
- Available with off-cut retaining system.

⚖ : 95 g.



	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Piano wire Ø mm	Offcut retainer
405.12MT		0,4 - 2,0	1,0	0,8	
405.12RMT		0,4 - 1,5	0,9	0,6	•
415.MT		0,3 - 2,0	0,9	STOP	
415.RMT		0,3 - 1,5	0,8	STOP	•

Pointed-nose cutting pliers

Pointed-nose pliers

• *Are ideal where clearance is restricted and allow better visibility of the wire being cut.*

SEMI-FLUSH CUT
Clean, long-life cut in semi-hard materials.

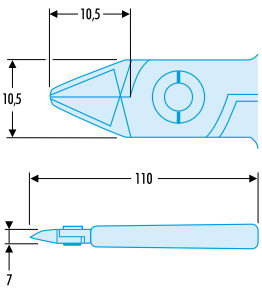
FLUSH CUT
Smooth cut for sound soldered connections.

Pointed models

▷ISO 9654
- Taper nose for improved accessibility.
- Available with off-cut retaining system.

⚖ : 60 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Offcut retainer
416.MT		0,1 - 1,0	0,5	
416.RMT		0,1 - 0,9	0,5	•

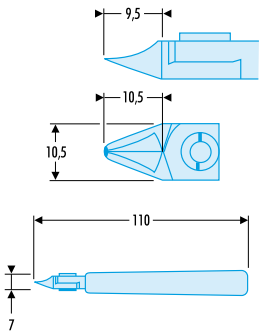


Pointed slim-nose models for manoeuvrability

▷ ISO 9654
- Slots in and around printed-circuit components, allowing good visibility.

⚖ : 60 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Offcut retainer
416.PMT		0,1 - 0,8	0,4	
417.PMT		0,1 - 0,8	STOP	

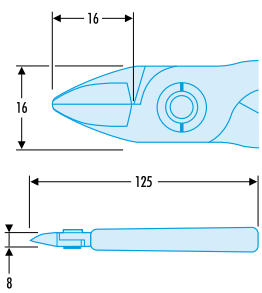


Heavy-duty taper nose

416.12MT

▷ ISO 9654
- Suitably sized for production applications.
- Semi-flush cut.
- Cu-Ni wire Ø 0.3 to 1.6 mm.
- Fe wire 30 HRc Ø 0.7 mm.

⚖ : 95 g.



Angled-nose cutting pliers

Angled-nose pliers

- *Ideal for use on printed circuits, electronic modules and hybrid circuits.*
- *Designed for cutting right up against the board in the smallest of spaces.*
- *Flush cutting edges.*

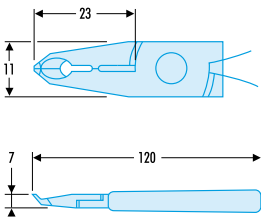
FLUSH CUT
Smooth cut for sound soldered connections.

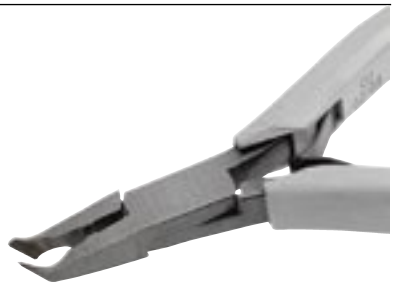
30° cutters

427.MT

- Cutting edges at 30° with back clearance.
- Flush cut.
- Cu-Ni wire Ø0.2 to 0.6 mm.
- Fe wire 30 HRc

⚖ : 65 g.





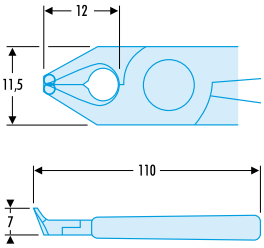
70° cutters

429.MT

▷ ISO 9654.

- Wide edges at 70° with large back clearance.
- Flush cut.
- Cu-Ni wire Ø 0.2 to 1.0 mm.
- Fe wire 30 HRc

⚖ : 60 g.



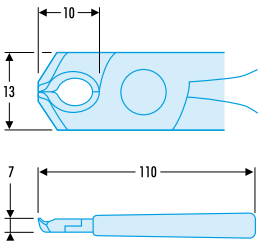
70° narrow cutters

430.MT

▷ ISO 9654.

- Narrow edges at 70° with back clearance.
- Flush cut.
- Cu-Ni wire Ø 0.2 to 1.0 mm.
- Fe wire 30 HRc

⚖ : 60 g.



End cutters

End cutters

- *End cutting edges allow vertical access.*
- *Extended profile reaches wires or components on crowded boards.*

AXIAL CUT
All materials, any application.

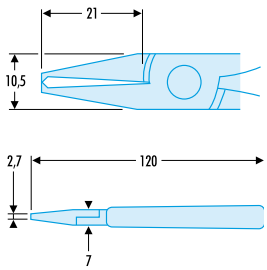
FLUSH CUT
Smooth cut for sound soldered connections.

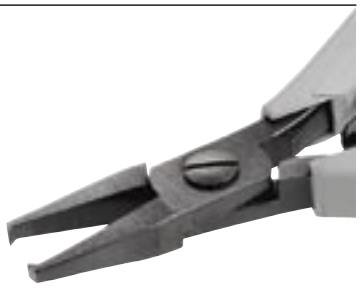
End cutters

418.MT

▷ ISO 9654
- Long, narrow nose for vertical access.
- Flush cut.
- Cu-Ni wire Ø0.1 to 0.6 mm.
- Fe wire 30 HRc

⚖ : 75 g.



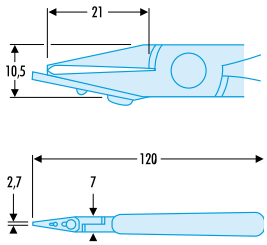


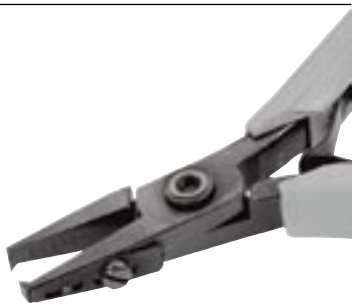
End cutters with adjustable stop

428.MT

▷ ISO 9654.
- Similar to 418 but with 0 to 4 mm adjustment for precision cut at set distance from board.
- Flush cut.
- Cu-Ni wire Ø0.1 to 0.6 mm.
- Fe wire 30 HRc

⚖ : 75 g.





Cutting pliers for DIL, DIP and CMS components

For DIL, DIP and CMS components

- *Ideal for use on printed circuits, electronic modules and hybrid circuits.*
- *Designed for cutting right up against the board in the smallest of spaces.*
- *Flush cutting edges.*

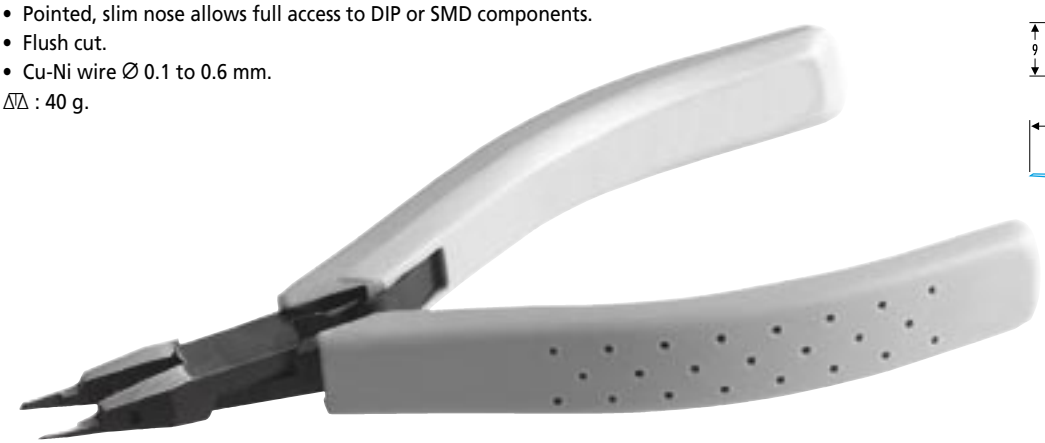
FLUSH CUT
Smooth cut for sound soldered connections.

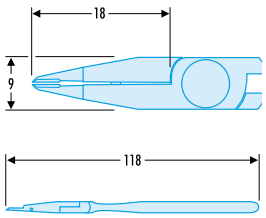
Diagonal cutter for DIP components

437.MT

- Pointed, slim nose allows full access to DIP or SMD components.
- Flush cut.
- Cu-Ni wire ∅ 0.1 to 0.6 mm.

⚖ : 40 g.



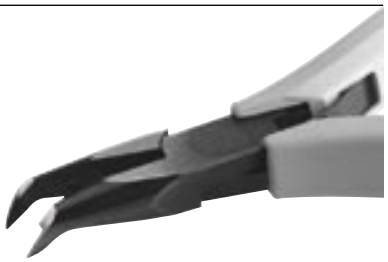


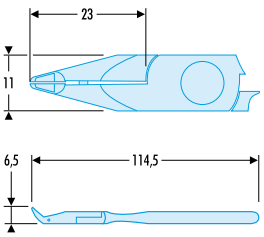
Inverted 45° cutters

419.MT

- Designed to reach DIP pins from behind on crowded boards.
- Flush cut.
- Cu-Ni wire ∅ 0.1 to 0.5 mm.

⚖ : 50 g.



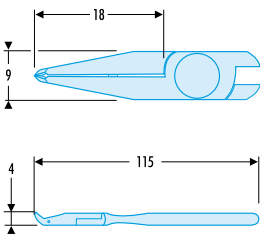


45° cutters

434.MT

- 45° cutters.
- Nose aligning pins.
- Flush cut.
- Cu-Ni wire ∅ 0.1 to 0.3 mm.

⚖ : 40 g.



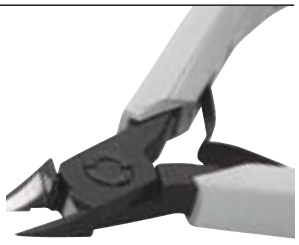
Diagonal cutters for DIP and CMS components

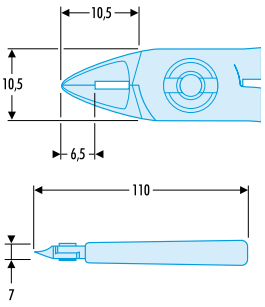
417.SPMT

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.

- Designed to slot in the 0.65 mm gap between lugs of DIP components. The slender nose of this tool precludes its use for other purposes.
- Flush cut.
- Cu-Ni wire∅ 0.1 to 0.6 mm.

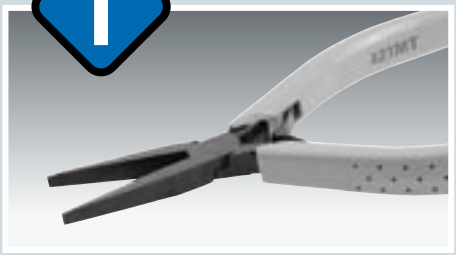
⚖ : 60 g.





Flat-nose gripping pliers

Flat-nose pliers



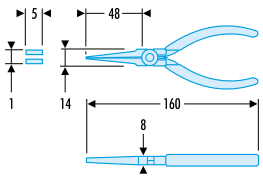
- *These pliers serve all professional needs in laboratory, production and maintenance applications.*
- *The rectangular-section jaws are smooth with contoured inside edges to avoid damage to components.*
- *Matt black non-reflective finish. Leaf spring.*

Extended-nose pliers

401.MT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
- For extra power.

⚖ : 80 g.

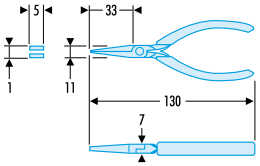


Rigid long-nose pliers

421.MT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.

⚖ : 70 g.

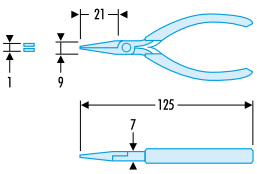


Shaping pliers

420.MT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
- Very slim nose.

⚖ : 60 g.

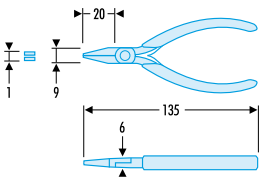


Short-nose pliers

431.MT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
- Slim joint for precision work.

⚖ : 55 g.

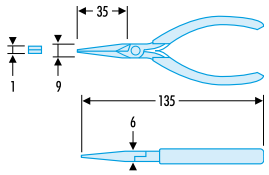


Snipe-nose pliers

431.LMT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
- Slim joint for precision work.

⚖ : 80 g.

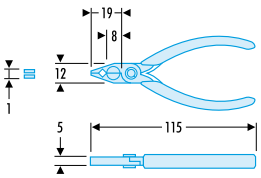


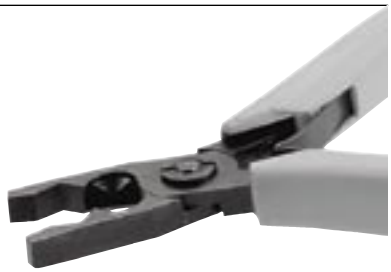
Mini combination pliers

443.12MT

- Side wire-cutter, capacity up to Ø1.7 mm in Cu; Ø 1 mm in soft iron
- Stocky serrated nose, with tube-grip.
- Matt black anti-glare finish.

⚖ : 80 g.





Half-round nose gripping pliers

Half-round nose pliers

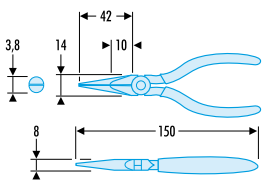
- *These pliers serve all professional needs in laboratory, production and maintenance applications.*
- *The half-round jaws are smooth with contoured inside edges to avoid damage to components.*
- *Presentation :*
  - Matt black anti-glare finish.
  - Leaf spring.

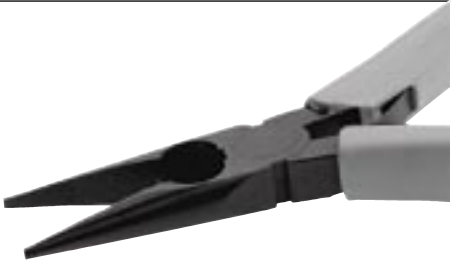
"Telephone" pliers

442.MT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
- Long stocky nose with fine end serrations.
- Side wire-cutter.

Ø max. : 2 mm Cu wire.
Ø max. : 1 mm Fe wire 30 HRc.
⚖ : 88 g.

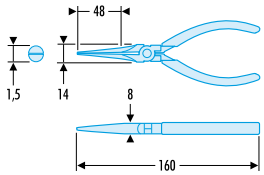




Extended-nose pliers

402.MT

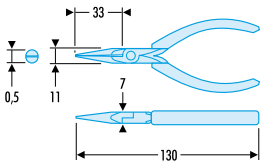
▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
• For extra power.
⚖ : 76 g.

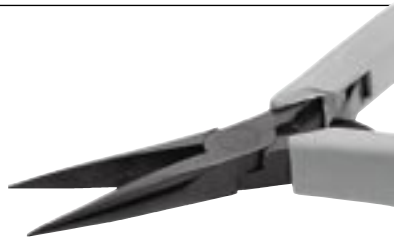


Rigid long-nose pliers

422.MT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
⚖ : 70 g.

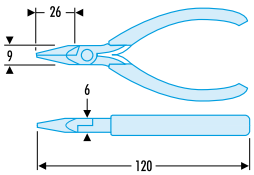




Short-nose pliers

432.MT

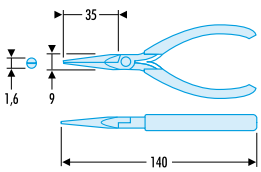
▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
• Slim joint.
⚖ : 55 g.



Snipe-nose pliers

432.LMT

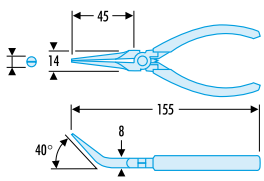
▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
• Slim joint for precision work.
⚖ : 65 g.



Extended-nose 40° pliers

403.MT

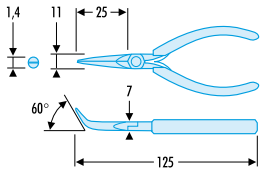
▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
• For extra power.
⚖ : 75 g.



Rigid-nose 60° pliers

423.MT

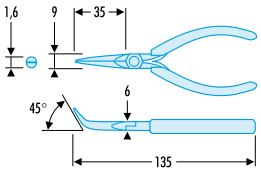
▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
⚖ : 70 g.



Thin-nose 45° pliers

433.LMT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
• Slim joint for precision work.
⚖ : 75 g.

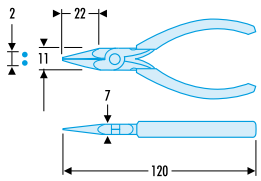


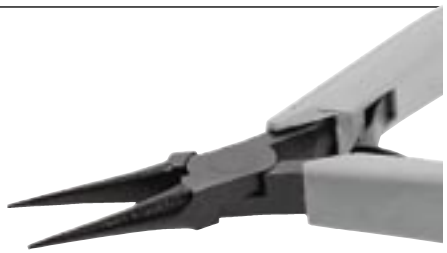
Round-nose pliers

Rigid short-nose pliers

424.MT

▷ ISO 9655, DIN ISO 9655, NF ISO 9655.
⚖ : 55 g.





Plier module

"Micro-Tech®" plier module

MOD.MT1

• Comprising :
- 405.MT - 405.12MT - 406.MT - 406.8MT - 402.MT - 433.LMT.
• PL.612.
⚖ : 650 g.

Anti-static series electronics pliers

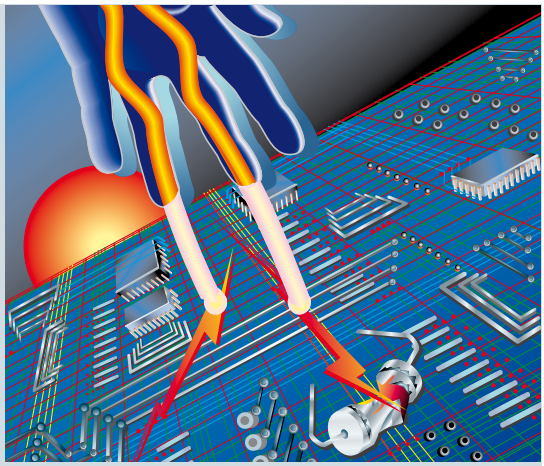
Static electricity

A DANGER FOR ELECTRONIC COMPONENTS

As they become smaller and more sophisticated, electronic circuits are increasingly at risk from static electricity - especially when the charge can build up to several thousand volts.

Controlling electrostatic build-up makes economic sense.

While the cost of a faulty component at acceptance-test stage is relatively small, it starts to increase once the component has reached the board, and escalates markedly once a fault involves sending back a complete unit. But the most important benefit in controlling static electricity is customer satisfaction.
Facom solves the problem with an antistatic range to EN 100-015/1.
For safe work on printed circuits, all tools and equipment used should be interlinked and effectively connected to earth.
Measurements and tests on antistatic screwdrivers and electronics pliers have been carried out in laboratories approved by the electrical industry.



Safety first

Never use antistatic tools when working on live components.

Bullet-nose cutting pliers

Bullet nose pliers

Are stronger than other profiles.

Have a high cutting capacity and durability that are useful in a wide variety of applications.

AXIAL CUT
All materials, any application.

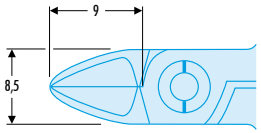
SEMI-FLUSH CUT
Clean, long-life cut in semi-hard materials.

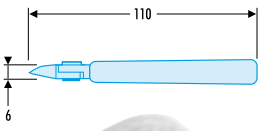
FLUSH CUT
Smooth cut for sound soldered connections.

Slim-joint models for precision

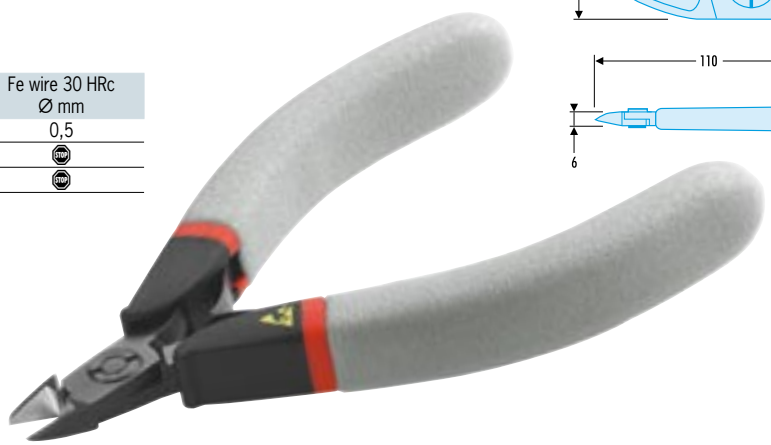
▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
- Suitable for miniature electronic components.
- Flush-cut model is longer for increased reach.

⚖ 55 g.





	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
405.8E		0,2 - 1	0,5
406.8E		0,1 - 1	
407.8E		0,1 - 1	

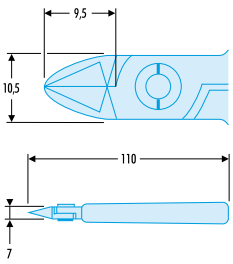


Anti-static series electronics pliers

Compact models for manoeuvrability

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
• Slimmer bullet-nose profile combines cutting performance with manoeuvrability.
• Model 405 is suitable for cutting piano wire ⌀ 0.4 mm.
⚖ : 65 g.

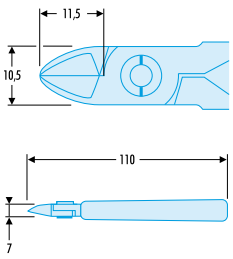
	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
405.E		0,3 - 1,3	0,7
406.E		0,1 - 1,3	0,7
407.E		0,1 - 1,3	



Stocky models for versatility

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
• Clean cut in a variety of materials, from copper to piano wire -> 0.5 mm.
• Available with offcut retaining system.
⚖ : 65 g.

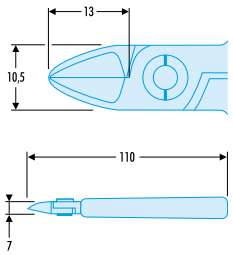
	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Offcut retainer
405.10E		0,3 - 1,4	0,8	
405.10RE		0,3 - 1,2	0,7	•



Long-reach models for accessibility

▷ ISO 9654, DIN ISO 9655, NF ISO 9654.
• Up to 1.5 to 2 mm more reach than standard cutting pliers
• Available with offcut retaining system.
⚖ : 65 g.

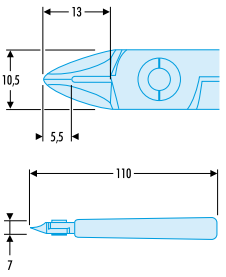
	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm	Offcut retainer
425.E		0,1 - 1,3		
435.E		0,1 - 1,3	0,7	
435.RE		0,1 - 1,2	0,7	•



Slim-nose models with back clearance

▷ ISO 9654, DIN ISO 9655, NF ISO 9654.
• For cutting behind components and reaching under obstacles such as coils or resistors.
• Anti-static user-comfort type only.
⚖ : 65 g.

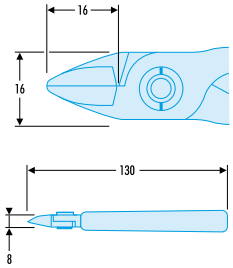
	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
436.E		0,1 - 1,2	0,7
426.E		0,1 - 1,2	



Heavy-duty models

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
• For tough applications and repetitive work on a wide range of materials.
• Piano wire : 405.12 C : 0.8 mm ; 405.12 RC : 0.6 mm.
• Available with offcut retaining system.
⚖ : 105 g.

	Cut	Cu - Ni wire Ø mm	Cu - Ni wire Ø mm	Offcut retainer
405.12E		0,4 - 2,0	1,0	
405.12RE		0,4 - 1,5	0,9	•
415.E		0,3 - 2,0	1,0	
415.RE		0,3 - 1,5	0,8	•



Pointed-nose cutting pliers

Pointed-nose pliers

- *Are ideal where clearance is restricted and allow better visibility of the wire being cut.*

SEMI-FLUSH CUT
Clean, long-life cut in semi-hard materials.

FLUSH CUT
Smooth cut for sound soldered connections.

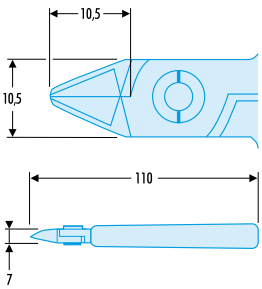
Pointed models

416.E

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
- Taper nose for improved accessibility.

⚖ : 65 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
416.E		0,1 - 1,0	0,5

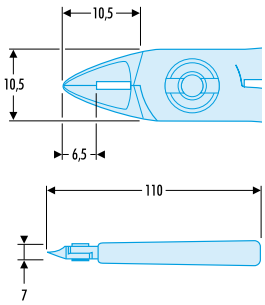


Pointed slim-nose models for manoeuvrability

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
- Slots in and around printed-circuit components, allowing good visibility.

⚖ : 65 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
416.PE		0,1 - 0,8	0,4
417.PE		0,1 - 0,8	



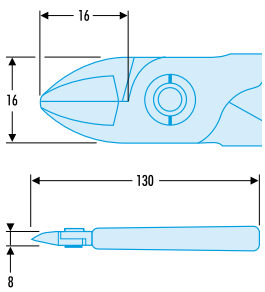
Heavy-duty taper nose

416.12E

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
- Suitably sized for production applications.

⚖ : 105 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
416.12E		0,3 - 1,6	0,7



Angled-nose cutting pliers

Angled-nose pliers

- *Ideal for use on printed circuits, electronic modules and hybrid circuits.*
- *Designed for cutting right up against the board in the minutest spaces.*
- *Flush cutting edges.*

FLUSH CUT
Smooth cut for sound soldered connections.

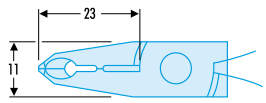
30° cutters

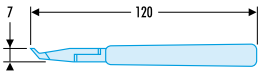
427.E

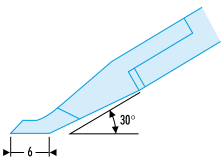
▷ ISO 9654, DIN ISO 9655, NF ISO 9654.
- "ESD" model.
- Cutting edges at 30° with back clearance.

⚖ : 65 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
427.E		0,2 - 0,6	







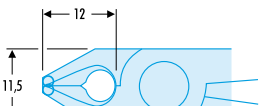
70° cutters

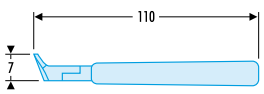
429.E

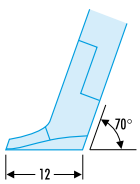
▷ ISO 9654, DIN ISO 9655, NF ISO 9654.
- "ESD" model.
- Narrow edges at 70° with back clearance

⚖ : 66 g.

	Cut	Cu - Ni wire Ø mm	Fe wire 30 HRc Ø mm
429.E		0,2 - 1,0	







Cutting pliers for DIP and CMS components

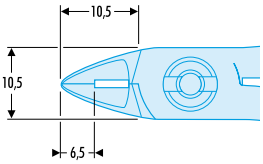
Diagonal cutters for DIP and CMS components

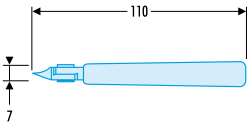
417.SPE

▷ ISO 9654, DIN ISO 9654, NF ISO 9654.
- Designed to slot in the 0.65 mm gap between lugs of DIP components. The slender nose of this tool precludes its use for other purposes.

⚖ : 60 g.

	Confort/ESD	Cut	Cu - Ni wire Ø mm
417.SPE	ESD		0,1 - 0,7





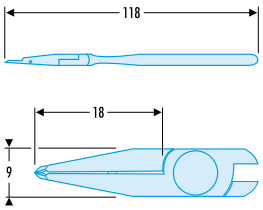
Anti-static series electronics pliers

Diagonal cutters for DIP components

437.E

- Pointed, slim nose allows full access to DIP or SMD components.
- Flush cut.
- Cu-Ni wire ∅ 0.1 to 0.6 mm.

⚖ : 40 g.

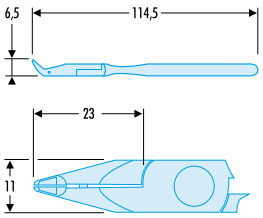


Inverted 45° cutters

419.E

- Designed to reach DIP pins from behind on crowded boards.
- Flush cut.
- Cu-Ni wire ∅0.1 to 0.5 mm.

⚖ : 50 g.

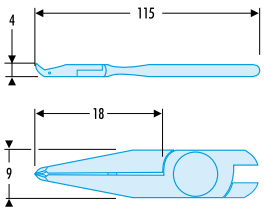


45° ESD cutters

434.E

- Cutting pliers angled at 45°.
- Nose aligning pins.
- Cu-Ni wire ∅ 0.1 to 0.3 mm.

⚖ : 40 g.



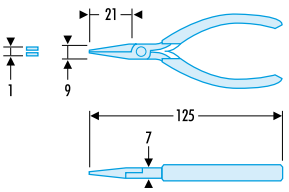
Gripping pliers

Flat-nose shaping pliers ESD model

420.C

- Very slim nose.

⚖ : 65 g.

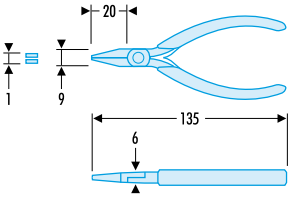


Short flat-nose pliers ESD model

431.E

- Slim joint for precision work.

⚖ : 65 g.



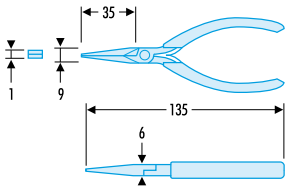
Anti-static series electronics pliers

Snipe flat-nose pliers ESD model

431.LE

- Slim joint for precision work.

⚖ : 75 g.

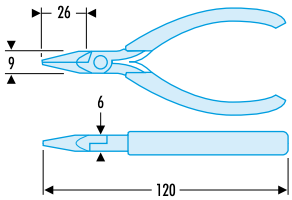


Half-round nose pliers ESD model

432.E

- Slim joint.

⚖ : 70 g.

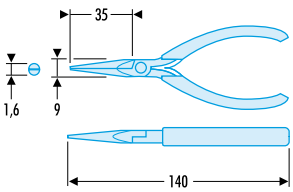


Half-round snipe nose pliers ESD model

432.LE

- Slim joint for precision work.

⚖ : 70 g.

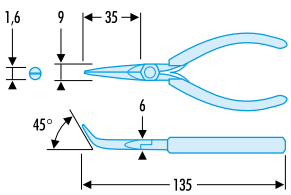


Half-round angle nose pliers ESD model

433.LE

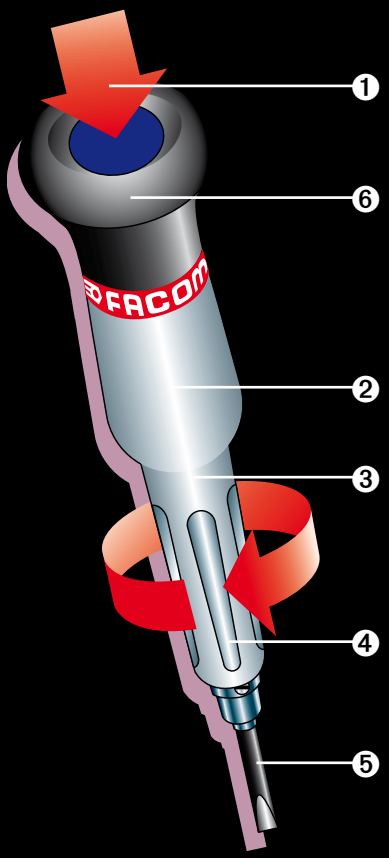
- 45° nose.
- Slim joint for precision work.

⚖ : 70 g.



"Micro-Tech®" screwdrivers

"Micro-Tech®" screwdrivers



❶ *Efficient*

- *The screwdriver end is designed to provide an effective pressure area in each of the three micro-engineering screwdriver positions. This end also rotates to optimize the turning motion.*

❷❸ *Powerful and accurate*

- *The body comprises a gripping surface designed for optimum torque transmission with handling accuracy. The handle is shaped so fingers can naturally grip the specially designed handle for total tool control.*

❹ *Quick and easy to use*

- *The ribbed cone provides maximum grip for fast pre-tightening. Blade clearance gives a clear view of the job in hand.*

❺ *A large choice of blades*

- *A selection of over 50 high-precision steel or ceramic fixed or replaceable blades.*

❻ *Easy identification*

- *colour-coded by size for instant selection of the correct tool.*

Finger-tip grip area

Watch makers grip area

Full palm grip area

Small screwdriver

- Screw-lock chuck.
- Presentation : Burnished blade.

⊖	Ø mm	mm		Ø mm	ΔΔ g
AE.1,2X35	1,2 x 35	117	■	17 x 82	11,5
AE.1,5X35	1,5 x 35	117	■	17 x 82	11,5
AEP.000X35	2,0 x 35	117	■	17 x 82	11,5
AEP.00X35	2,5 x 35	117	■	17 x 82	11,5

⊖ Micro-Tech® screwdrivers for slotted heads

- Revolving end.
- Chromed blade, burnished tip.

⊖	Ø mm	mm		Ø mm	ΔΔ g
AEF.1,5X35	1,5 x 35	117	■	17 x 82	12,1
AEF.1,8X35	1,8 x 35	117	■	17 x 82	13,2
AEF.2X35	2,0 x 35	117	■	17 x 82	13,5
AEF.2X75	2,0 x 75	157	■	17 x 82	14,5
AEF.2,5X35	2,5 x 35	117	■	17 x 82	13,3
AEF.2,5X75	2,5 x 75	157	■	17 x 82	14,5
AEF.3X75	3,0 x 75	168	■	21 x 93	21,2
AEF.3,5X75	3,5 x 75	168	■	21 x 93	24,7
AEF.4X75	4,0 x 75	168	■	21 x 93	26,4

Screwdrivers for Phillips® and Pozidriv®

Chromed blade, burnished tip.
Presentation : Burnished blade.

	Ø mm	mm		Pattern no.	Ø mm	g
AEFP.00X35	2,5 x 35	117	■	PH.00	17 x 82	12,5
AEFP.00X75	2,5 x 75	157	■	PH.00	17 x 82	14,9
AEFP.0X35	3,0 x 35	117	■	PH.0	17 x 82	13,5
AEFP.0X75	3,0 x 75	168	■	PH.0	21 x 93	32,2
AEFP.1X75	4,0 x 75	168	■	PH.1	21 x 93	37,5
AEFD.0X35	3,0 x 35	117	■	PZ.0	17 x 82	13,5
AEFD.0X75	3,0 x 75	168	■	PZ.0	21 x 93	32,2
AEFD.1X75	4,0 x 75	168	■	PZ.1	21 x 93	37,5

Screwdrivers for Torx®

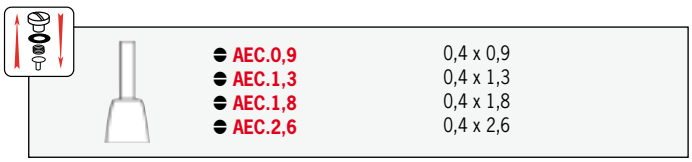
Chromed blade, burnished tip.

	Ø mm	mm		Pattern no.	Ø mm	g
AEX.5X35	2,0 x 35	117	■	T x 5	17 x 82	13,0
AEX.6X35	2,0 x 35	117	■	T x 6	17 x 82	13,3
AEX.7X35	2,5 x 35	117	■	T x 7	17 x 82	13,3
AEX.8X75	2,5 x 75	168	■	T x 8	21 x 93	31,7
AEX.9X75	3,0 x 75	168	■	T x 9	21 x 93	32,6
AEX.10X75	3,0 x 75	168	■	T x 10	21 x 93	32,6
AEX.15X75	3,5 x 75	168	■	T x 15	21 x 93	35,0
AEX.20X75	4,0 x 75	168	■	T x 20	21 x 93	40,8

Ceramic-blade screwdrivers

Removable blade.

	Dimensions mm	L mm
AEMC.0,9	0,4 x 0,9	116
AEMC.1,3	0,4 x 1,3	116
AEMC.1,8	0,4 x 1,8	116
AEMC.2,6	0,4 x 2,6	116



AEC.0,9	0,4 x 0,9
AEC.1,3	0,4 x 1,3
AEC.1,8	0,4 x 1,8
AEC.2,6	0,4 x 2,6

84E Hexagonal drivers ○

- Burnished blade

	mm	Total length mm		g
84E.0,9X35	0,90	117	■	14,4
84E.1,3X35	1,30	117	■	15,0
84E.1,5X35	1,50	117	■	15,0
84E.1,5X75	1,50	157	■	15,0
84E.2X75	2,00	168	■	30,0
84E.2,5X75	2,50	168	■	32,0

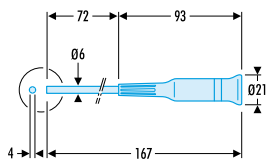
Bit driver ∅ 4 mm

AEM.M

- Takes 0-series bits.
- Burnished shank
- Size :

- Overall length 167 mm.
- Blade length 6 x 72 mm.
- Handle length 21 x 93 mm.

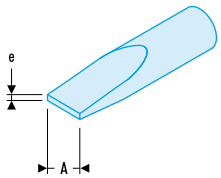
ΔΔ : 49.6 g.



0-series bits - 4 mm drive

ES.0 Bits for slotted heads

	e x A mm	L mm	ΔΔ g
ES.001,8	0,3 x 1,8	28	3,0
ES.002	0,4 x 2,0	28	3,0
ES.002,5	0,4 x 2,5	28	3,1
ES.003	0,5 x 3,0	28	3,1
ES.004	0,5 x 4,0	28	3,2
ES.004,5	0,6 x 4,5	28	3,2



EP.0 Phillips® head ∅ 4 mm

	Phillips® no.	L mm	ΔΔ g
EP.0X2	PH.00	28	3,2
EP.000	PH.0	28	3,2

ED.0 Pozidriv® head ∅ 4 mm

	Pozidriv® no.	L mm	ΔΔ g
ED.0X2	PZ.00	28	3,2
ED.000	PZ.0	28	3,2
ED.001	PZ.1	28	3,2

ES.0 Bits for hexagon socket heads

	⬣ mm	L mm	ΔΔ g
EH.000,9	0,9	28	3,0
EH.001,3	1,3	28	3,1
EH.001,5	1,5	28	3,1
EH.002	2,0	28	3,2
EH.002,5	2,5	28	3,2

ES.0 Spherical head bits for hexagon socket heads

- Spherical head allows up to 30° working angle.

	⬣ mm	L mm	ΔΔ g
ETS.001,5	1,5	28	3,1
ETS.002	2,0	28	3,2
ETS.002,5	2,5	28	3,2

Drive socket adaptor

ECR.0

- adaptor for using ☐ 1/4" "radio" sockets with the A.300MT and A.340MT series screwdrivers.
- 4 mm hexagonal drive.
- Length 22 mm.

ΔΔ : 7 g.

Case set of "Micro-Tech®"

Case set of 5 "Micro-Tech®" screwdrivers

AEF.J1

		mm	Comprising	g
AEF.J1	AEFP.00 x 35	178 x 91 x 25	AEF.1,5 x 35 - 1,8 x 35 - 2 x 35 - 2,5 x 35	170

Case set of 8 "Micro-Tech®" screwdrivers

AEF.J3

		mm	Comprising	g
AEF.J3	AEFP.00 x 75 - 0 x 75 - 1 x 75	205 x 130 x 31	AEF.2 x 75 - 2,5 x 75 - 3 x 75 - 3,5 x 75 - 4 x 75	384

Case set of 5 "Micro-Tech®" screwdrivers

AEF.J5

	Contents	Contents	mm	g
AEF.J5	AEF.2x75-2,5x75-3x75	AEFD.0x75-1x75	183 x 109 x 32	230

Case set of 8 "Micro-Tech®" screwdrivers

AEF.J6

	Contents	Contents	no.	mm	g
AEF.J6	AEF.2x75-2,5x75-3x75-3,5x75-4x75	AEFP.00x75	AEFD.0x75-1x75	215 x 130 x 31	385

Case set of 5 "Micro-Tech®" screwdrivers for Phillips®

AEFP.J1

	mm	Comprising	g
AEFP.J1	183 x 109 x 32	00 x 35 - 00 x 75 - 0 x 35 - 0 x 75 - 1 x 75	267

Case set of "Micro-Tech®"

Case set of 5 "Micro-Tech®" screwdrivers

AEF.J2

	mm	Comprising	g
AEF.J2	183 x 109 x 32	2 x 75 - 2,5 x 75 - 3 x 75 - 3,5 x 75 - 4 x 75	237

Case set of 8 interchangeable blade screwdrivers

AE.J1

	mm	Comprising	g
AE.J1	205 x 130 x 31	⊖ AE.1x35 - 1,2x35 - 1,5x35 - 1,8x35 - 2x35 - 2,5x35 ⊕ AEP.000x35 - 00x35	270

Case set of 5 "Micro-Tech®" screwdrivers for Torx®

AEX.J1

	mm	Comprising	g
AEX.J1	183 x 109 x 32	AEX.6 x 35 - 7 x 35 - 8 x 75 - 9 x 75 - 10 x 75	280

Case set of 8 "Micro-Tech®" screwdrivers for Torx®

AEX.J2

	mm	Comprising	g
AEX.J2	205 x 130 x 31	AEX 5 x 35 - 6 x 35 - 7 x 35 - 8 x 75 - 9 x 75 - 10 x 75 - 15 x 75 - 20 x 75	335

Case set of 6 "Micro-Tech®" hexagonal drivers

84E.J1

	mm	Comprising	g
84E.J1	183 x 109 x 32	84E.0,9 x 35 - 1,3 x 35 - 1,5 x 35 - 2 x 75 - 2,5 x 75	250

Case set of 9 "Micro-Tech®" wrenches

34.JE9

	mm	Comprising		g
34.JE9	123 x 95 x 28	34. 3,2 - 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10	9	176

Case set of 10 "Micro-Tech®" wrenches

39.JE10

	mm	Comprising		g
39.JE10	123 x 95 x 28	39.3,2 - 4 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11	10	240

"Micro-Tech®" tool sets

16-piece tool set

MT.J1

- Plastic case 366 x 180 x 66 mm.
- Comprising :

- Screwdrivers AE.1 x 35-1.2 x 35.
- Screwdrivers AEF.1.5 x 35-1.8 x 35-2 x 35-2.5 x 35.
- Screwdriver AEP.000 x 35.
- Screwdriver AEFP.00 x 35 .
- Hexagonal drivers 84E.0.9 x 35 - 1.3 x 35 - 1.5 x 35.
- Pliers 405.10MT-432LMT.
- Scissors 841.1.
- Scalpel 845.1
- Tweezers 140AA.

⚖ : 1.075 kg.

9-piece tool set

MT.J2

- Plastic case 285 x 138 x 26 mm.
- Comprising :

- Mirror 834.R1.
- Spring hook 835.A.
- Mechanical retriever 826.0.
- Mechanical retriever 827.2.
- Screw starters AFE.1-AFEX.1.
- Pen light 836.
- Nut starter 825.
- Pin vice 1817.

⚖ : 627 g.

11-piece tool set

MT.J3

- Comprising :

- Screwdrivers AE.1.2 x 35-AEF.1.5 x 35-1.8 x 35-2 x 35-2.5 x 35.
- Screwdrivers AEFP.000 x 35-00 x 35-0 x 35
- Tweezers 140A.
- Pliers 405.10 MT-432 LMT.

- In a plastic case 285 x 138 x 26 mm.

⚖ : 726 g.

"Micro-Tech®" sets

16-piece bit set

AEM.J1

Comprising :
- Bit driver AEM.M.
- Bits for slotted heads ES.002 - 002.5 - 003 - 004 - 004.5.
- Bits for Phillips® heads EP.0 x 2 EP.000.
- Bits for Pozidriv® heads ED.0 x 2 ED.000.
- Bits for hexagon heads EH.001.5 - 002 - 002.5.
- Bits for hexagon heads ETS.001.5 - 002 - 002.5.

Case 183 x 109 x 32 mm.
⚖ : 237 g.

26-piece bit and socket set

AEM.J2

Comprising :
- All items from set AEM.J1 plus.
- Bits for Torx® heads EX.006 - 007 - 008 - 010.
- Socket coupler ECR.0.
- "Radio" sockets R. 3.2 - 4 - 5 - 5.5 - 7.

Plastic case 205 x 130 x 31 mm.
⚖ : 340 g.

Watchmaker screwdriver sets

5-piece set of screwdrivers for slotted heads

HB.1B

5 screwdrivers for slotted heads ⬬ : 0.8x13 - 1x16 - 1.2x17 - 1.6x19 - 2.5x21.

6-piece screwdriver set

HB.2B

3 screwdrivers for Pozidriv® heads ⭘ 1.5 - 2 - 2.5.
3 screwdrivers for Phillips® heads ✪ PH N00 - 0 - 1.
Chrome finish, burnished blade.

9-piece set of screwdrivers for slotted heads

HB.4

9 screwdrivers for slotted heads ⬬ : 0.6x11 - 0.8x11 - 1x12 - 1.2x12 - 1.4x12 - 1.6x15 - 2x15 - 2.5 x 15.5 - 3x15.5.
Supplied on a carousel.

Standard series

140 Straight models

- Non-serrated pointed tips.

	Finish	Length mm	Material	⚖ g
140.AA	Satin polish	125	Antimagnetic stainlessd steel	17
140.AAW13	Non-reflective black	130	Carbon steel	16

Straight model

148

- Narrow pointed non-serrated tips.
- Stainless steel.
- Fine polish finish.
- Length 130 mm.

⚖ : 15 g.

Straight model

149

- Long, fine serrated tips, guide pin.
- Stainless steel.
- Fine polish finish.
- Length 155 mm.

⚖ : 18 g.

Straight model

150

- Long strong serrated tips, guide pin.
- Stainless steel.
- Fine polish finish.
- Length 165 mm.

⚖ : 22 g.

Model 150 at 40°

151

- Long strong serrated tips, guide pin.
- Stainless steel.
- Fine polish finish.
- Length 155 mm.

⚖ : 22 g.

Model 149 at 45°

152

- Fine serrated tips, guide pin.
- Stainless steel.
- Fine polish finish.
- Length 150 mm.

⚖ : 19 g.

Straight model

153

- Cross-over, self-gripping serrated tips.
- Stainless steel.
- Fine polish finish.
- Length 150 mm.

⚖ : 23 g.

Straight model

154

- Strong rigid tips, serrated for cables.
- Stainless steel.
- Fine polish finish.
- Length 155 mm.

⚖ : 30 g.

PVC-coated series

PVC model

149.Y

- Length 155 mm.

⚖ : 25 g.

PVC model

152.Y

- Length 150 mm.

⚖ : 25 g.

Gripping model

146.1Y

- ∅ 2.5 to 4 mm in-line grip.
- Length 140 mm.

⚖ : 25 g.

Gripping model

146.2Y

- ∅ 2.5 to 4 mm right-angle grip.
- Length 140 mm.

⚖ : 25 g.

High-precision series

141 Straight models

- Non-serrated easy-flex snipe tips.

	Length mm	⚖ g
141.11	110	13
141.12	120	14

Straight shouldered model

142.1

- Non-serrated easy-flex snipe tips.
- Length 112 mm.

⚖ : 13 g.

Offset model at 15

142.2

- Non-serrated easy-flex snipe tips.
- Length 117 mm.

⚖ : 15 g.

Curved model

143

- Non-serrated easy-flex snipe tips.
- Length 114 mm.

⚖ : 14 g.

Ultra-flat straight model

144

- Finely contoured, non-serrated tips.
- Length 120 mm.

⚖ : 17 g.

Splayed straight model

145

- Non-serrated tips.
- Tip width 7 mm.
- Length 123 mm.

⚖ : 14 g.

Heavy-duty straight model

156

- Serrated snipe tips.
- Length 110 mm.

⚖ : 15 g.

Specialised tweezers

Solid plastic tweezers

150.P1

- Polypropylene, can be sterilised up to 180C.
- Length 125 mm.

⚖ : 6 g.

150.P Anti-static solid plastic tweezers

To DIN 53482.

- Anti-static glass fibre-reinforced (20 %) polyamide.
- Antimagnetic.
- Acid-resistant.
- Heat-resistant up to 200C.
- Non-serrated precision tips.

150.P10 : Straight splayed tips.
150.P11 : Fine, angled tips.

	Length mm	⚖ g
150.P10	120	5
150.P11	120	5

Cutting model for very fine wire

139

- Carbon alloy steel for perfect cutting edges.
- Very high precision cut.
- Fine polish finish.
- Tip width 10 mm.
- Length 110 mm.

⚖ : 27 g.

Tweezer sets

Tweezer sets

- Sets are supplied in plastic cases.

	mm	Comprising	⚖ g
147.J5	178x91x24	Set of 5 standard tweezers : 151 - 152 - 140.AA	240
147.J6	205x130x31	Set of 8 standard and sheathed tweezers : 150 - 151 - 153 - 149.Y - 152.Y - 146.1Y - 146.2Y - 140.AA	410
147.J7	205x130x31	Set of 7 high precision tweezers : 140.AA - 141.14 - 142.1 - 142.2 - 143 - 144 - 145	335

Special "Micro-Tech®"

Circlip pliers

Set of pliers for inside and outside circlips

470.MT

- Comprising :

- Pliers 467.PMT.
- Pliers 469.PMT.
- 6 sets of pegs.

- Pliers fitted with return spring and screw stop to prevent circlip distortion and ensure precision of compression or expansion.
- Polished chrome finish. PVC grips.
- Supplied in plastic case 285 x 142 x 46 mm.

Truarc®

Truarc®

1813

- Holds Truarc clips securely, up to ∅ 6 mm. Ideal in confined spaces
- Length : 170 mm.

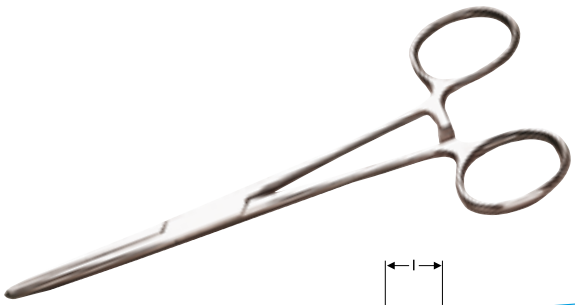
⍓ : 19 g.

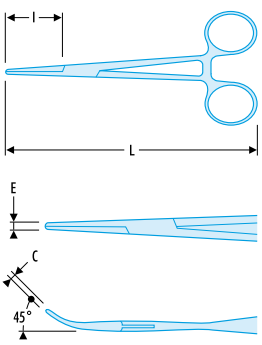
Ring pliers

Ring pliers

438 Standard straight model.
438.1 Slim straight model.
439 Standard angled model.
439.1 Slim angled model.

- Ideal for miniature work.
- Self-locking.
- For holding components or wire during fitting or soldering.
- Scissor joint.
- Polished chrome finish.





	E mm	L mm	I mm	C mm	⍓ g
438	2,5	140	35	2	30
438.1	2,0	160	38	2	31
439	2,5	140	35	2	33
439.1	2,0	160	38	2	31

Short, very pointed scissors

841.1

- Precision cut.
- Left/right hand.
- Polished chrome finish, PVC grips.
- Length 110 mm. Blade length 24 mm.

⚖ : 27 g.

Long pointed scissors

841.2

- Multi-purpose, left/right hand.
- Polished chrome finish, PVC grips.
- Length 120 mm. Blade length 42 mm.

⚖ : 36 g.

Serrated-blade scissors

841.3

- Short bullet nose for cutting thin sheet-metals.
- Left/right hand.
- Polished chrome finish.
- Length 105 mm. Blade length 14 mm.

⚖ : 27 g.

Scalpel with interchangeable blades

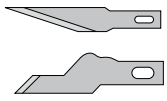
845.1

- Clean, accurate cut.
- Positive blade fitting.
- 2 blade designs.
- Length : 150 mm.
- Scalpel with 10 blades type L1.

⚖ : 15 g.

- Spare blades :

- 845.L1 Set of 10 straight tapered blades.
- 845.L2 Set of 10 offset blades.



"Micro-Tech®" Hacksaw Frame

607.MT

- Secure grip. Lightweight Zamak body. Light-duty saw for plastics, wood and metal.
- Supplied with 150 mm blade.
- Overall length 262 mm.

⚖ : 140 g.

Pin vice

1817

- Two-collet chuck at both ends.
- Takes any cylindrical tool Ø0.5 to Ø 3.5.
- Length 110 mm.

⚖ : 35 g.

Precision three-square scraper

1816

- For careful work in small areas.
- Reversible blade fully retracts into handle for safety.
- Length 90 mm.

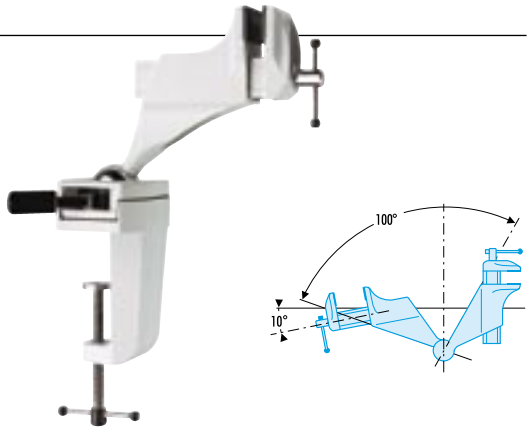
⚖ : 26 g.

"Micro-Tech®" Swivel vice

1150.MT

- Designed to achieve optimum accuracy through enhanced operator comfort.
- Quick-lock lever on ball joint.
- Clamps securely to any support up to 80 mm thick.
- Bonded plastic jaws 50 mm.
- Max. jaw capacity 70 mm.
- Max. throat depth 38 mm.

⚖ : 1.4 kg.



Spot oiler

372

- Accurate lubrication from drop feed by slight pressure on end button.
- See-through level.
- Nozzle cap.
- Metal pocket-clip.
- Capacity : 5 cm³.

⚖ : 20 g wide.

Nut starter

825.MT

- Micro-Tech® screwdriver handle with revolving end.
- Hexagon nut capacity 3 to 14 mm A/F.
- Shank length 150 mm. Overall length 240 mm wide.
- Anti-corrosion treatment.

⚖ : 60 g wide.

Four-claw retriever

826.0

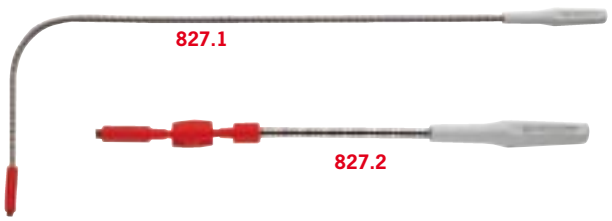
- For recovering small flat components up to Ø 30 mm.
- Nickel finish.

⚖ : 20 g wide.

827 Ultra-slim magnetic retrievers

827.1 : Long-reach flexible model Ø 7 mm head.
827.2 : Ball-joint model Ø 8 mm head.

	Length mm	Max lifting capacity g	⚖ g
827.1	530	120	80
827.2	210	120	26



Flexible magnetic retriever

827.M

- Powerful magnet (3 kg).
- Magnetic flux conductor prevents sticking to sides.
- Length 560 mm. Adjustable stiffness.
- Ø 20 mm magnet.

⚖ : 130 g wide.

New

Pen light

836

- Aluminium body and tube.
- Length : 137mm.
- Tube diameter : 14mm.
- Operates using two LR03 AAA (1.5volt) batteries, not included.
- Adjustable focal length.
- Supplied with wrist strap
- Replacement bulb reference : 836.AMP.

ΔΔ : 29g.

834 Inspection mirrors

- Mirror in plastic frame.

834 : Fixed, rigid.
834.R1 : Articulated, flexible
834.R2 : Articulated, flexible
834A.RT : Articulated, telescopic.

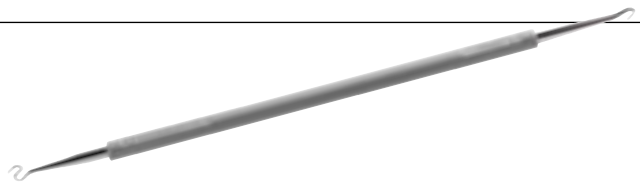
	Ø Mirror mm	L mm	ΔΔ g
834	24	175	4
834.R1	36	210	13
834.R2	55	360	40
834A.RT	44	210-700	48

Spring hook

835A

- With push and pull hooks.
- Sleeved chromed shank.
- Length 200 mm wide.

ΔΔ : 13 g wide.

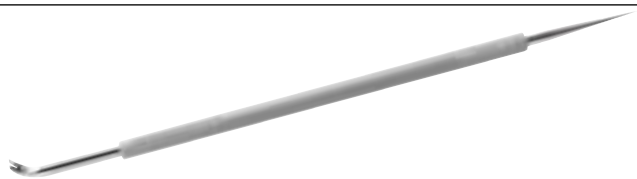


Separator

835.1

- With fork and point Ø0.5 mm.
- Sleeved chromed shank.
- Length 210 mm.

ΔΔ : 15 g.



Separator

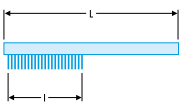
835.2

- Supplied with 3 interchangeable ultra-fine curved tips.
- Chrome finish.
- Length 210 mm.

ΔΔ : 25 g.

1830 Brushes

For cleaning or dusting.
1830.1 Extra-soft silk brush.
1830.2 Double-ended soft/hard nylon brush.
1830.3 Scouring brush, nylon outer and wire inner bristles.
1830.4 Soft nylon brush.



	l mm	L mm	ΔΔ g
1830.1		190	17
1830.2		210	15
1830.3	50	190	35
1830.4	100	230	30

"Electronics" set

400.JT1

- Set of 7 electronics tools for on-site maintenance and laboratory work.
- Comprising :

- 403.MT Long bent-nose gripping pliers.
- 405.10RMT Axial cutting pliers.
- 416.PMT Slim-nose semi-flush cutting pliers.
- 429.MT 70 cutting pliers.
- 442.MT Straight-nose gripping pliers.
- 438.Straight-nose ring pliers.
- 140.AA Precision tweezers.

Supplied in a case 185 x 200 x 35 mm.
⚖ : 600 g.

Flexible magnetic retriever

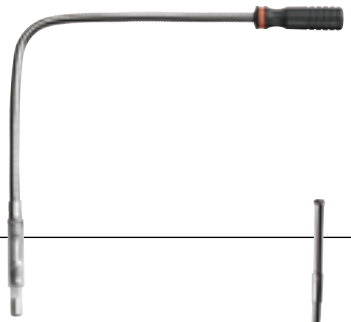
827B

- Ø max. : 12 mm.
- Max lifting capacity 850 g.
- Length 570 mm.

⚖ : 220 g.

Flexible magnetic retriever with lamp

828

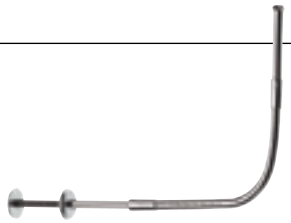


- LR1 battery supplied.
- Ø max. : 15 mm.
- Max lifting capacity 1.2 kg.
- Length : 590 mm.

⚖ : 220 g.

Flexible mechanical retriever

826.1

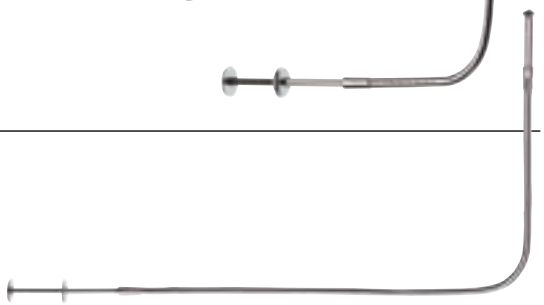


- Ø Max jaw opening capacity 29 mm.
- Length 460 mm.

⚖ : 200 g.

Flexible mechanical retriever

826.2

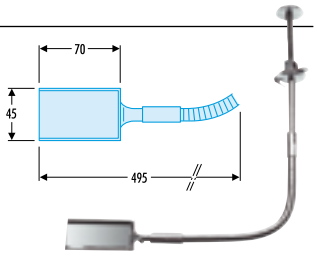


- Ø Max jaw opening capacity 29 mm.
- Length 1,000 mm.

⚖ : 400 g.

Flexible swivel-mirror

829



- Mirror adjustment push-button on end of handle.

⚖ : 225 g.

Set of 2 tuning screwdrivers for slotted heads

HT.3

- Also available individually.
- Supplied in a wallet.
- Blade sizes :

- HT.2x2,4 : 2 and 2.4 mm.
- HT.3x4 : 3 and 4 mm.

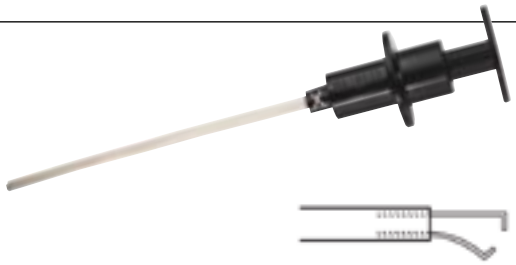
⚖ : 26 g.

Black wire-holder

1802A.N

- Insulated, with twin claws and flexible tube Ø 3 mm.
- Length 130 mm.

⚖ : 10 g.

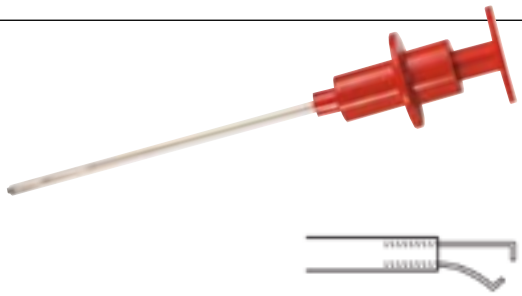


Red wire-holder

1802A.R

- Insulated, with twin claws and flexible tube Ø 3 mm.
- Length 130 mm.

⚖ : 10 g.



Black probe

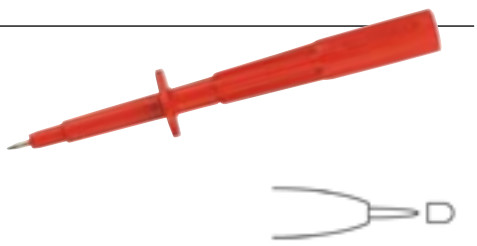
1803A.N

- Insulated, with brass tip and Ø4 mm socket for lead 1804B.
- Complete with protective cap.

Red probe

1803A.R

- Insulated, with brass tip and Ø4 mm socket for lead 1804B.
- Complete with protective cap.



Black connection lead

1804B.N

- Insulated, highly flexible, with retractable shroud.
- Two jacks Ø4 mm for probe and wire holder.
- Length 2.1 m.

⚖ : 50 g.

Red connection lead

1804B.R

- Insulated, highly flexible, with retractable shroud.
- Two jacks Ø4 mm for probe and wire holder.
- Length 2.1 m.

⚖ : 50 g.

Controlled-heat soldering stations

60 Watt soldering station

1001A

- Power supply 230V.
- Includes 60W soldering iron (with stand) operating on 24V supplied from station.
- Reduced heating time.
- High efficiency 60W/350C.
- Ultra-flexible heat-resistant lead.
- Temperature adjustment range 150 to 450 C.
- 285 x 215 x 110 mm.

⚖ : 2.8 kg.

Soldering iron only

1002.60

- Rating 60W at 350C.
- Heating time 60 seconds to 350 C.
- Silicone rubber lead 1.5m.
- Power supply 24V.
- Complete with tip 1002.P3.

⚖ : 60 g.

P. 711

60 Watt anti-static model

1002A.E

- Similar to model 1001A but with anti-static properties.
- Includes 60W soldering iron operating on 24V supplied from station.
- 285 x 215 x 110 mm.

⚖ : 2.8 kg.

Anti-static soldering iron only

1002.60E

- Similar to model 1001A.60 but with anti-static properties.

⚖ : 60 g.

P. 711

80 Watt model with digital display

1003A.E

- Power supply 230V.
- Includes 80W soldering iron (with stand) operating on 24V supplied from station.
- Positive temperature coefficient heating element reduces heating time.
- High efficiency 80W / 350C.
- Temperature adjustment range 50 to 450C.
- PVC lead 2m.
- 285 x 215 x 110 mm.

⚖ : 2.44 kg.

Anti-static soldering iron only

1003A.80E

- Bayonet fitting.
- Rating 80W at 350C.
- Heating time 50 seconds.
- Silicone rubber lead 1.5m.
- Power supply 24V.

⚖ : 50 g.

P. 711

Soldering iron stand

BV.21-10

- Ideal for storing a Facom 1024 or equivalent soldering iron immediately after use. Can be safely carried in a fitters case. Asbestos-free insulating section.
- 180 x Ø35 mm.

⚖ : 210 g.

Soldering irons for electronics

Electronics soldering iron 24 volts

1024.25

- Power supply 24V (plug not included).
- Heating time 60 seconds.
- Tip temperature 450C on 25W model.
- Complete with stand.

	Rating W	Length mm	Voltage V	⚖ g
1024.25	25	240	24	34

1230 Electronics soldering iron 230 volts

- Range of models from 15W to 40W.
- High-efficiency internally heated tip.
- Complete with stand.

	Rating W	Length mm	Voltage V	Peak temp	Heating time minutes	⚖ g
1230.15	15	240	230	350	1	28
1230.25	25	240	230	450	1	34
1230.30	30	240	230	420	2	80
1230.40	40	240	230	420	2	80

P. 711

Dual rating soldering iron (20/40W)

1116B.BW

- Power supply 230V.
- Double isolation ⧈.
- Ideal for electrical and electronics servicing.
- Normal 20W operation for soldering small components.
- Additional 40W power by pressing button.
- 2-core PVC lead (2 x 0.75²). Length 1.2 m.
- 10 A European plug.
- Complete with tip 1112.30P1.

⚖ : 145 g.

Tip : 1112.30P2

Instant heat soldering irons

"Instant heat" 25W/230V model

848.25

- Double isolation ⧈.
- Ready to solder in 5 seconds with trigger control.
- Tip cools immediately after the trigger is released.
- Useful tool in a service case, for occasional non-continuous soldering.
- Supplied with 2 standard tips, 1 straight and 1 angled.
- 2-core PVC lead (2 x 0.75²). Length 1.1 m.
- 2-pole plug. Length without lead 220 mm.

⚖ : 360 g.

Tips : 848.25P1 (angled) - 848.25P2 (straight)

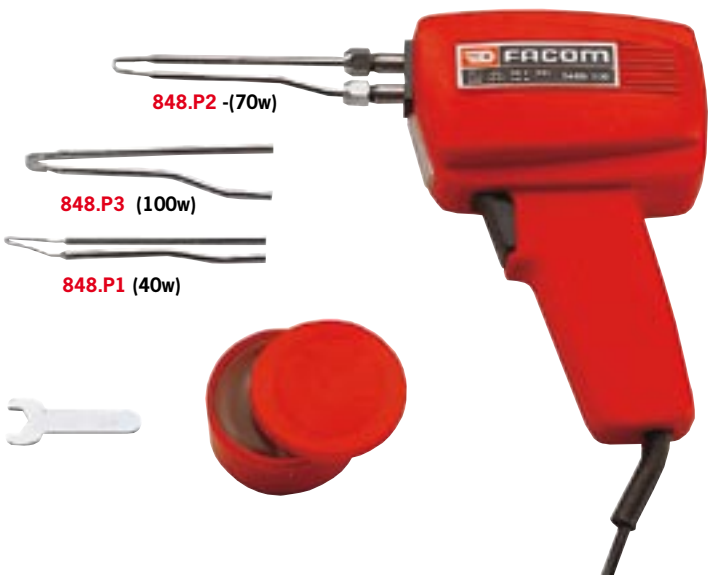
100W/230V model

848B.100

- Double isolation ⧈.
- Ready to solder in 5 seconds with trigger control.
- Tip cools immediately after the trigger is released.
- Useful tool in a service case, for occasional non-continuous soldering.
- Efficient well-protected spotlight.
- Supplied with 3 stainless tips 40, 70 and 100W, tip-change wrench, reel of solder and flux in a polystyrene box.
- 2-core PVC lead (2 x 0.75²).Length 1.25 m.
- 2-pole plug.
- Length 270 mm.

⚖ : 1 kg.

Tip: 848.100P2



Heavy-duty soldering irons

947A Heavy-duty soldering irons - 230V

- Ratings from 50 to 400W.
- Supplied with angled tip.
- High-efficiency robust tool.
- Designed for optimum accessibility.
- Bright copper tip.
- Stainless heating tube.
- To EN 60335-2-45.

	Rating W	Voltage V	Length mm	Peak temp 10%	ΔΔ g
947.50	50	230	266	390	290
947.80	80	230	295	400	330
947A.100	100	230	300	420	440
947A.200	200	230	315	450	675
947A.300	300	230	320	470	960
947A.400	400	230	320	500	960

p. 711

Gas soldering iron

Gas soldering iron

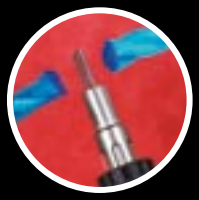
ONE TOOL - FOUR FUNCTIONS

Soldering *(Electronics, etc.)*

Hot fitting *(Heat-shrinkable tubing, etc.))*

Blowtorch

Hot-cutting *(Plastic, rubber, etc.)*



- ***Rechargeable butane gas burner.***
- ***Integral ignition system*** *(Piezo-electric system).*
- ***Adjustable power setting.***

**** Safe :*** *The cap on the end of the nozzle keeps the gas control valve closed.*

New

Gas soldering iron

1075.G

- 75W equivalent power rating.
- Adjustable gas flow and power output. 45 minutes autonomy at maximum power.
- Max. temperature 1300C.
- Piezo-electric ignition.
- Heating time 40 sec.

Solder wire

Solder wire 40SN60PB

661618

- Reel of tin solder 40SN60PB.
- 40 % tin and 60 % lead.
- Multi-purpose solder wire (tinning, simple soldering for basic connections, etc.).
- For standard soldering.
- Good mechanical strength.
- Good melting temperature.
- Flux core.

	Ø mm	g
661618	1	500

Solder wire 60SN40PB

661626

- Reel of tin solder 60SN40PB.
- 60 % tin and 40 % lead.
- For technical applications (electric circuits).
- High tin content for improved electrical conductivity.
- Good melting temperature.
- Flux core.

	Ø mm	g
661626	1	250

Soldering accessories

839 Desoldering pumps

•Twin seal design: wiper seal ensures optimum efficiency of main seal.
•Set of 5 spare nozzles:
- 839.E1J5: Standard, white.
- 839.E2J5: Fine, black, anti-static.
- 839.E3J5: Fine, white, standard.
- 839.EJ5

	Ø Embouts mm	L mm	g
839A	3,2	190	75
839A.0	2,0	165	36
839A.1	2,0	200	78
839A.7	2,0	195	78

1130 Desoldering braid

• Outstanding absorbency. Protects fragile components from thermal shock.

	Width mm	Length m	ΔΔ g
1130.1	1,6	1,6	15
1130.2	2,7	1,66	18

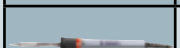
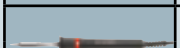
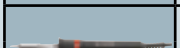
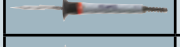
Accessory set

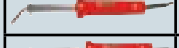
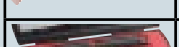
1195

• Plastic wallet set of 3 soldering accessories :
- double scraper.
- hook.
- brush.

ΔΔ : 35 g.

Soldering iron tip selection guide

	1001A.60	1002.P1 (46 mm)	1002.P3 (46 mm)
		1002.P2 (55 mm)	1002.P4 (55 mm)
	1002A.60E	1002.P1 (46 mm)	1002.P3 (46 mm)
		1002.P2 (55 mm)	1002.P4 (55 mm)
	1003A.80E	1002.P1 (46 mm)	1002.P3 (46 mm)
		1002.P2 (55 mm)	1002.P4 (55 mm)
	1230.15	1230.15P2	1230.15P3
	1024.25	1230.25P2	1230.25P3
	1230.25	1230.25P2	1230.25P3
	1230.30	1230.30P2	1230.30P3
	1230.40	1230.30P2	1230.30P3

	947.50	1130.1
	947.80	1130.1
	947A.100	1130.1
	947.200P1	1130.1
	947.300P1	1130.1
	947.50	1130.1
	1075.G	1075.G1