

D U M O N T<sup>®</sup>



SWISS  MADE



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DUMONT®

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*A considerable number of manufacturers of high precision components for the watch industry are located in the Swiss Jura region – a corner of the country renowned for its know-how and traditions.*

*Among these are some of the leading companies in the world. Dumont SA, the top quality tweezers supplier, is one of them.*



A successful cocktail that has made its mark

## Dumont SA has celebrated its 125th anniversary in 2006

## Dumont SA



Long years of hard work have propelled Dumont SA, located in the Jura 'Ajoie' region, to become the world's number one manufacturer of precision tweezers and forceps. While Dumont tools are unquestionably the fruit of five generations of invested labour working in the purest tradition of Swiss quality manufacturing, they are also the result of the passion and the attachment to essential values of the company's current directors, Nicole Sgobero and her two sons, Richard and David. The tweezers and forceps produced by Dumont in Montignez are used, amongst others, by the world's leading watchmakers, surgeons, electronic engineers and biologists. Today, Dumont SA is

a leader in its branch and an innovator in the field of technology and the environment. The company, founded 125 years ago by Arnold Dumont, has proved its ability to meet the economic and family challenges of the third millennium and create a successful cocktail of manufacturing efficiency, human values and ecological considerations.



## The family saga

Like many industrial successes, Dumont's began with the passion of its founder, **Arnold Dumont** – a man simply crazy about watches – and has endured over five genera-



tions. In 1881, faced with the difficulty of finding the tools he was looking for, he founded a workshop for manufacturing precision instruments. His astuteness was to lead to his fortune. Thirty years later,



he handed over the company to his two sons, **Théodore and Paul**, and moved south to live on the shores of Lake Geneva on the Riviera Vaudoise. In 1917, to escape from Spanish Flu then prevalent in that region, Théodore moved to Montignez, the native village of his wife Suzanne, where he spent a few happy years before dying prematurely at the young age of 36. Upon his death, **Suzanne** rolled up her sleeves and worked day and night with the help of her brother-in-law Paul to make a success of the business. She had only one daughter, **Andrée**, who was only modestly interested in the family business.

Fortunately, however, on a visit to Paris Suzanne met an engineer by the name of **Edgar Sgobero** and married him. This proved to be the right choice, as Edgar, who did not know anything at the time about precision instruments, nevertheless learned quickly and committed himself



wholeheartedly to his new role. He founded the Dumont SA tools manufactory, giving an international dimension to this small company located in the Ajoie district which, at the time, already had a catalogue boasting a thousand articles! However, Edgar's sudden death in 1975 dealt another sharp blow to the family. It



**A SELECTION OF DUMONT'S MOST FREQUENTLY SOLD TWEEZERS AND FORCEPS**



**N° 2 E1/2**  
steel tweezers  
for handling components



**N° 7**  
steel or carbon  
sickle-shaped tweezers



**N° 24**  
carbon piece d'ouvrier



**N° 9**  
special tweezers for bending  
Breguet spiral springs, available  
in five different sizes



**N° 14**  
steel or carbon tweezers,  
for clasping second hands

Nicole Sgobero, vice-President; David Sgobero, commercial manager; and Richard Sgobero, technical manager. The management team at Dumont tools continually monitors the quality of their products.



was then the turn of the couple's only son, **Christian**, to take up the company's reins. Christian diversified the range of its mono-product articles, adapting it to the specific needs of the medical, biology, electronic and cosmetic industries. And as with the family's previous generations, Christian could count on his wife **Nicole**, who also completely committed to supporting her husband. In 2002, however, as a result of poor health, Christian handed over the running of the company to his wife and to two of their three sons, **David and Richard**.

Through the impetus given to the company by its three-strong management team, today, the Dumont saga continues to face up to ever-increasing competition, especially in the area of prices. As Nicole Sgobero, the Group's vice-President, likes to point out: "Although China copies everything, in the area of quality our experience is unique. And while our products have often been copied, they have never been equalled!" Dumont tools are manufactured solely at Montignez and most of the operations are carried out by hand, one item after the other. A visit to the factory is enough to convince the visitor that the quality of its tools is the result of its employee's skills and its management structure. As David Sgobero points out: "At Dumont, we have always paid equal salaries to men and women, regardless

of whether they live in Switzerland or commute from over the border in neighbouring France; and in addition to our particular company ethics, we also cultivate a passion for noble materials and work well done. This neither prevents us from being highly specialised and realistic, nor from taking action when we need to."



The process of the adjustment of the point is made by hand, part by part.



After the last checking, the tweezers are put under the finish of their point.



**N°5**  
**DUMONT**  
SWITZERLAND



Like Chanel, Dumont also has its N°5 – in this case the finest and the most widely sold tweezers of the thousands listed in its catalogue. Dumont N°5 tweezers are a must! They are just as precise and impeccable as the rest of the collection and sell at roughly 30 Francs each. Dumont sees itself as the top designer of tweezers, and its clients are prepared to pay the price. The model shown above is used in watch-making and in medicine.

Dumont SA boasts a catalogue of some 3,200 tweezers and forceps, 12% of which are destined for the watch-making industry, 50% for the medical branch, and the remainder for the biology and electronics sectors. 95% of the company's production is exported. The company is located in **Montignez**, a village with 250 inhabitants in the 'Ajoie' district of the Canton of Jura in the north-western corner of Switzerland. Currently, Dumont employs a staff of 64, 31 of which are women, with an average age of 39. To compensate for the current lack of qualified staff, the management is planning to reorganise the company's structure.



Thanks to its manufacturing flexibility and the extreme precision of its production, where quantity rhymes with quality, Dumont is holding out in spite of competition from the Far East. Today, the company flies the 'Swiss Made' flag and is on the lookout for partners who live by that same ethos. As Richard Sgobero esteems, "watch-making in the Swiss Jura must not suffer the same fate as the spectacle trade in the Jura region of neighbouring France".

Nicole Sgobero's dynamic approach has led to a totally new product in the company's cosmetics range. It took a woman with a blend of femininity and a singular concern for work well done to come up with small, heart-shaped rounded tweezers for plucking hairs, packaged coiled up in a transparent box with the sophisticated refinement of a five-times magnifying mirror. "This might sound crazy, but one night this product came to me in a dream, and in the morning I knew I had to develop it", she recounts. Several months later, working hand-in-hand with a designer who advised the vice-President to work less and dream more, Nicole's dream became reality. To create the skeleton of this little marvel.

David Sgobero set up 'Swittools', a sister company that uses CNC tooling to manufacture specialised tools and parts for the cosmetics industry, like this incredibly useful pretty little red heart model.

"The greatest challenge to us was to build the same characteristics as traditional tweezers into this imaginative new form. The metal part that gives the tool its structure and that ensures perfect prehension has been so successfully conceived that we are currently negotiating a major contract", adds the young boss with a smile. And since the entire product, except for its case, is produced locally in the Jura, Swittools has lodged an application for an international patent. This indispensable little gem can clip (clipser) all shapes and forms and be personalised in a thousand different ways, like for example the solid gold version embossed with a diamond; this model, however, will not go beyond being a prototype...



THE PERFECT HEART-SHAPED TWEEZERS

It is perhaps under the influence of the peaceful and pastoral surroundings of the Dumont works that the company decided to implement its 'recycle everything' strategy. In recognition of this endeavour, in 2002 Dumont was awarded the **3rd prize for aluminium recycling in Switzerland**. To manufacture its tweezers, the company uses between 10 and 15 different steels, whose waste is collected, separated, recycled and reused, as is the aluminium packaging used by their employees for wrapping their sandwiches. The factory also uses power produced by renewable energy sources and its staff is invited to put the organic waste from their meals and snacks into the compost; which just goes to show that productivity can also rhyme with ecology!



RECYCLE  
EVERY-  
THING!



Carbon steel (01) is an extremely hard alloy (> 59 HRC) composed of C, Mn and Si. While Carbon ensures strong tips, it will nevertheless easily rust. This alloy is magnetic and cannot be sterilized.

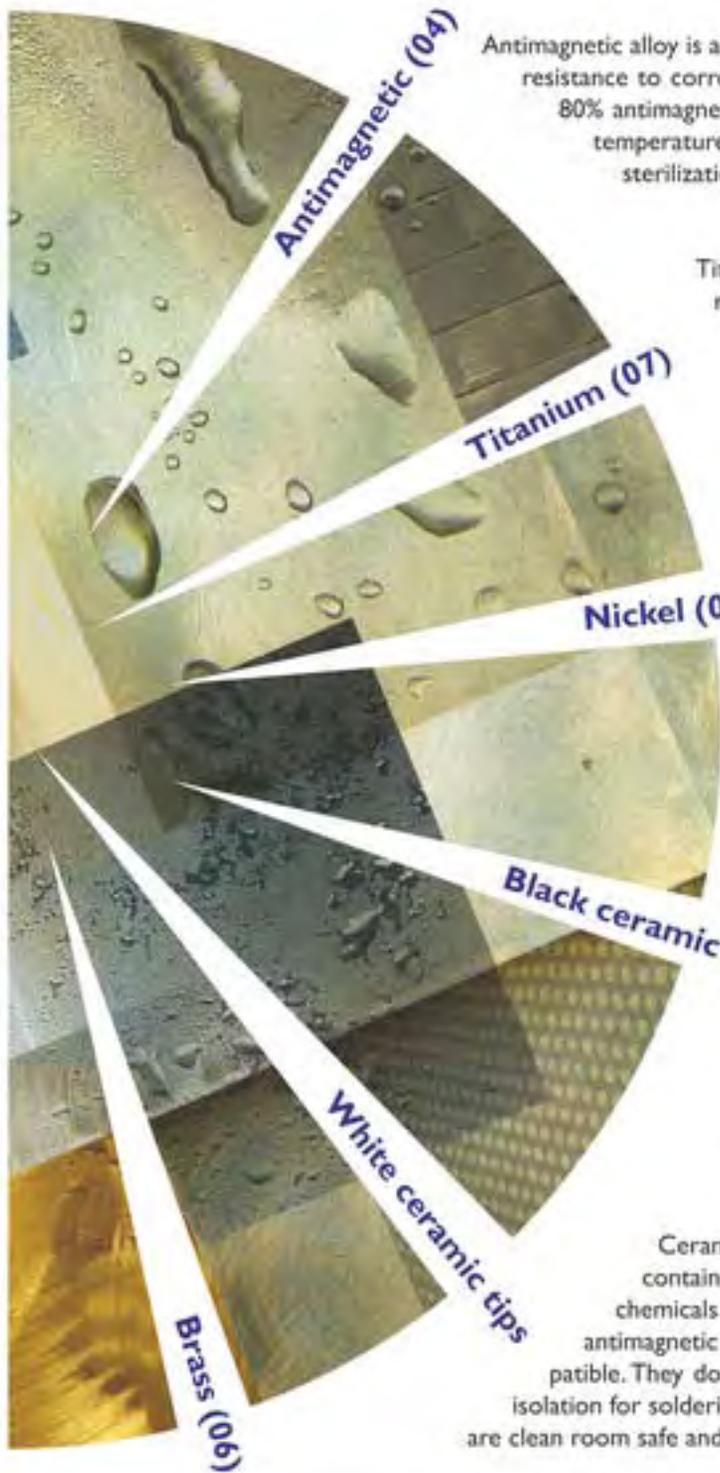
Inox 02 is composed of C, Mn, Cr and Si and is a standard magnetic stainless steel. This alloy is not as hard as carbon steels because it contains Chromium. Inox (02) will resist temperatures of around 400°C (DIN 50 914) but cannot be sterilized.

Inox (08) is a medical stainless steel composed of C, Mn, Cr, Mo, and V that provides an excellent resistance to corrosion and a good resistance to salt. Although not as hard as Carbon steels, Inox (08) offers excellent resistance to corrosion. This magnetic alloy supports temperatures of around 400°C (DIN 50 914) and is suitable for autoclave sterilization at 180°C.

Dumoxel alloy is composed of C, Cr, Ni, Mo and Cu and is the most popular among our customers. This alloy was developed and patented by Dumont to offer the best in resistance to corrosion thanks to its high concentration of molybdenum and chromium. Dumoxel also guarantees an excellent resistance to sulphuric environments, hydrochloric acid, as well as to all other mineral and organic acids. Dumoxel is 95% antimagnetic, resistant up to temperatures of around 400°C (DIN 50 914) and is suitable for autoclave sterilization at 270°C.

This Dumont patented alloy is composed of C, Cr, Mo, Mn, Co, Ni and Si. Dumostar is more elastic and more resistant to corrosion than the best stainless steels. It is also perfectly compatible with human tissues and is resistant to mineral and organic acids as well to salt. Although slightly more expensive than other alloys, Dumostar is 100% antimagnetic and is resistant to sterilization temperatures of up to 500°C. This is the most cost effective and appropriate alloy for laboratory use.





Antimagnetic alloy is a standard alloy composed of C, Cr, Ni and Mo. It offers a good resistance to corrosion thanks to its high concentration of molybdenum and is 80% antimagnetic but is not as hard as Inox. Antimagnetic is resistant up to temperatures of around 400°C (DIN 50 914) and is suitable for autoclave sterilization at 270°C.

Titanium is an alloy composed of C, Fe, O, H, N, and Ti. It is totally resistant to corrosion from nitric acid, chloride, salt water, and the like. This alloy is not as hard as Inox 08 but is 40% lighter and more flexible. Titanium is 100% antimagnetic and resistant up to temperatures of around 430°C.

Nickel is a 100% antimagnetic alloy composed of Cu, Ni, Mn and Zn. It is widely appreciated as an alloy as it does not damage the components handled by it.

Ceramic ZrO<sub>2</sub> is even harder than stainless steel and does not contain carbon or other metal additives. It offers good resistance to chemicals and is Electro Static Discharge safe. Black ceramic tips are antimagnetic (Zero residual magnetism) and microwave-sterilization compatible. They do not produce metallic contamination and offer good thermal isolation for soldering; solder will not adhere to their surfaces. Black ceramic tips are clean room safe and are available in anti-static versions for CMOS.

Ceramic ZrO<sub>2</sub> is even harder than stainless steel and does not contain carbon or other metal additives. It offers good resistance to chemicals and is Electro Static Discharge safe. White ceramic tips are antimagnetic (Zero residual magnetism) and microwave-sterilization compatible. They do not produce metallic contamination and offer good thermal isolation for soldering; solder will not adhere to their surfaces. White ceramic tips are clean room safe and are available in anti-static versions for CMOS.

Brass is composed of Cu, Pb, Sn, Ni and Zn. This alloy is 100% antimagnetic and is widely used for handling delicate components, especially in watch-making.



### Standard finish PO

Polished finish - Standard finish for all the tools.



### Matt finish PS

Matt finished tips



### Brushed tips 30 microns

For a better grip on tiny components. (Treatment almost invisible to the naked eye)



### Serration (upon request)

Tips with serrations will guarantee a better grip



### Sanded tips (upon request)

To manipulate small diamonds and other jewels



### Mirror- finish (upon request) MF

To minimize shocks and marks on components while working



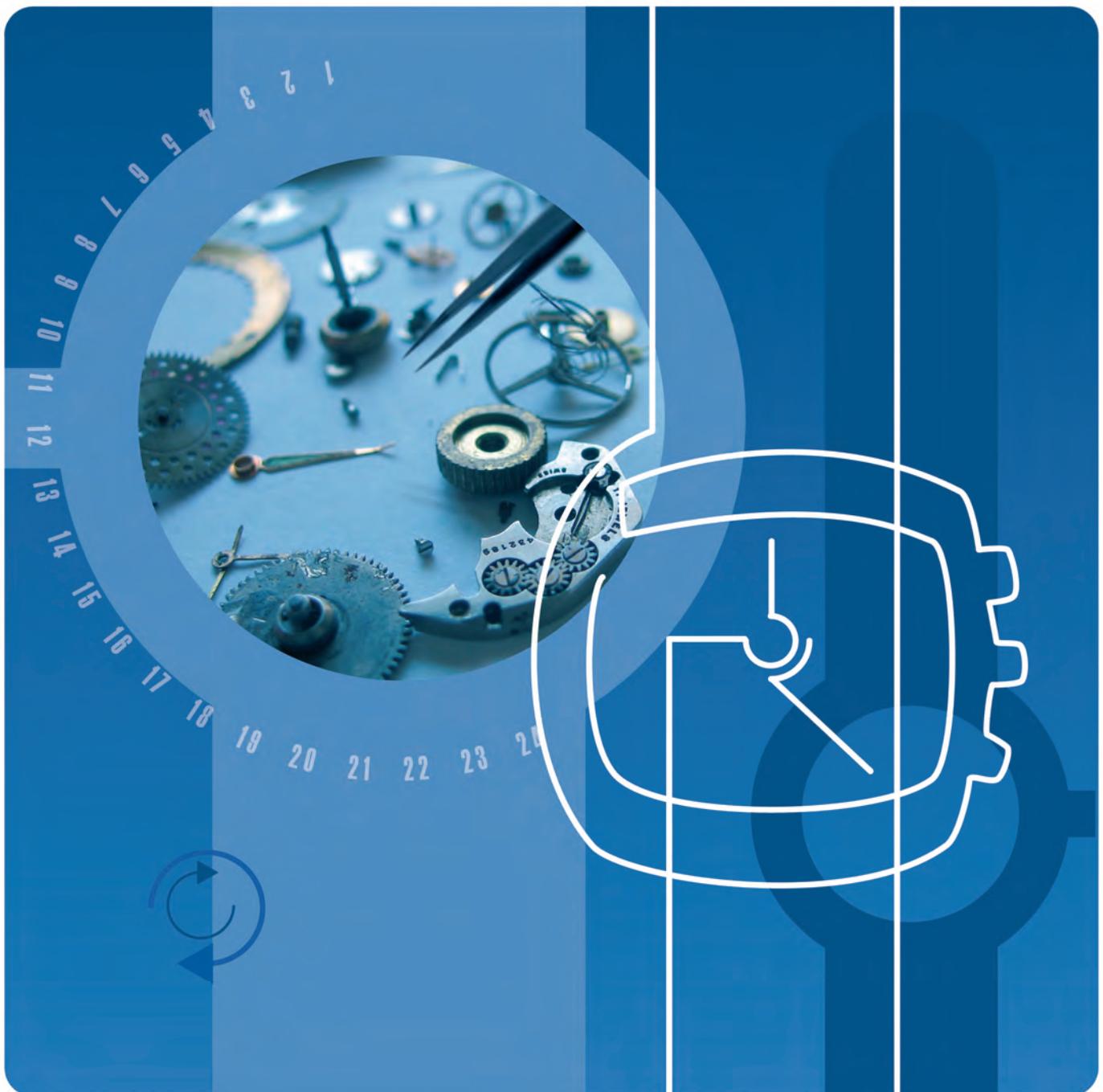
### Interchangeable tips

Interchangeable ceramic tips, screwed in: hard, isolating and antistatic tips





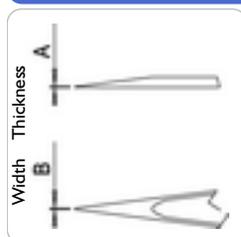
*Straight tweezers*  
*Curved & angled tweezers*  
*Cutting tweezers*  
*Self-closing tweezers*  
*Mini tweezers*  
*Pliers*



**WATCH-MAKING**

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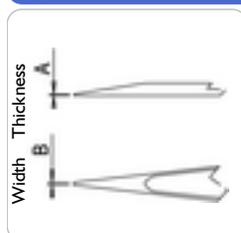
Geneva pattern, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-0-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0102-0-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0102-0-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0103-0-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0103-0-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	115	4.5310

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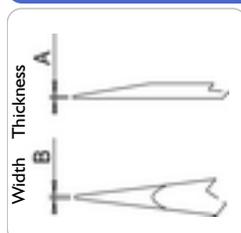
Geneva pattern, strong tips, thick shanks



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-00-PO	Carbon	Polished	0.25	0.0099	0.45	0.0177	115	4.5310
0102-00-PO	Inox 02	Polished	0.25	0.0099	0.45	0.0177	115	4.5310
0102-00-PS	Inox 02	Matt	0.25	0.0099	0.45	0.0177	115	4.5310
0103-00-PO	Dumoxel®	Polished	0.25	0.0099	0.45	0.0177	115	4.5310
0103-00-PS	Dumoxel®	Matt	0.25	0.0099	0.45	0.0177	115	4.5310

00C

Geneva pattern, strong tips, short shanks



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-00C-PO	Carbon	Polished	0.25	0.0099	0.45	0.0177	105	4.1370
0102-00C-PO	Inox 02	Polished	0.25	0.0099	0.45	0.0177	105	4.1370
0102-00C-PS	Inox 02	Matt	0.25	0.0099	0.45	0.0177	105	4.1370
0103-00C-PO	Dumoxel®	Polished	0.25	0.0099	0.45	0.0177	105	4.1370
0103-00C-PS	Dumoxel®	Matt	0.25	0.0099	0.45	0.0177	105	4.1370

00SPBRA

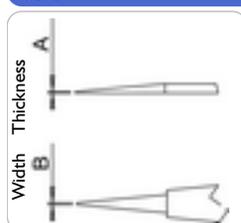
Type 00 for bracelet, tips upon request



Reference	Steel / alloy	Finish	L mm	inch
5303-00SPBRA-PO	Dumoxel®	Polished	115	4.5310

0A

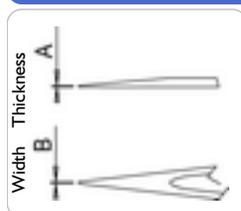
Thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-0A-PO	Carbon	Polished	0.06	0.0024	0.10	0.0039	120	4.7280
0102-0A-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	120	4.7280
0102-0A-PS	Inox 02	Matt	0.08	0.0032	0.13	0.0051	120	4.7280
0103-0A-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	120	4.7280
0103-0A-PS	Dumoxel®	Matt	0.08	0.0032	0.13	0.0051	120	4.7280

0C100

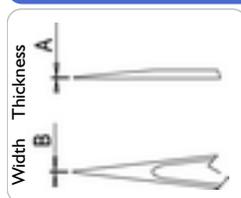
Geneva pattern



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-0C100-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	100	3.9400
0102-0C100-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	100	3.9400
0102-0C100-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	100	3.9400
0103-0C100-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	100	3.9400
0103-0C100-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	100	3.9400

## 0C90

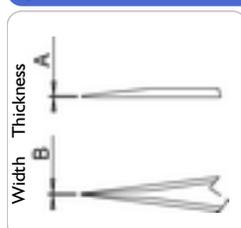
## Geneva pattern, short



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-0C90-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	90	3.5460
0102-0C90-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	90	3.5460
0102-0C90-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	90	3.5460
0103-0C90-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	90	3.5460
0103-0C90-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	90	3.5460

## I

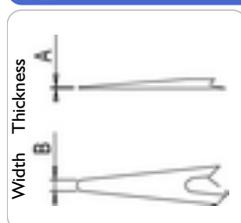
## Strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-I-PO	Carbon	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0102-I-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0102-I-PS	Inox 02	Matt	0.12	0.0047	0.20	0.0079	120	4.7280
0103-I-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0103-I-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	120	4.7280
0109-I-PO	Dumostar®	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0109-I-PS	Dumostar®	Matt	0.12	0.0047	0.20	0.0079	120	4.7280
5302-I-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	120	4.7280

## IL

## Strong flat round tips with inside chamfer

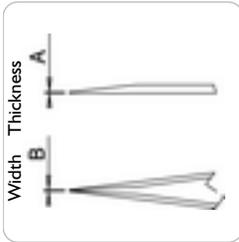


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
5306-IL-PS	Brass	Matt	TMF	0.20	0.0079	2.00	0.0788	125	4.9250

TMF=Mirror-finished tips

IAM

Strong tips. Very popular in watch-making



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
5306-IAM-PS	Brass	Matt	0.12	0.0047	0.20	0.0079	120	4.7280

ISPBRA

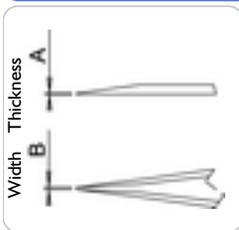
Type I, for bracelet. Tips upon request



Reference	Steel / alloy	Finish	L mm	inch
5301-ISPBRA-PO	Carbon	Polished	108	4.2552

2

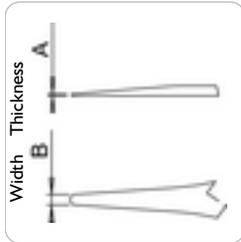
Strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-2-PO	Carbon	Polished	0.12	0.0047	0.30	0.0118	120	4.7280
0102-2-PO	Inox 02	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0102-2-PS	Inox 02	Matt	0.14	0.0055	0.34	0.0134	120	4.7280
0103-2-PO	Dumoxel®	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0103-2-PS	Dumoxel®	Matt	0.14	0.0055	0.34	0.0134	120	4.7280
0105-2NI-PO	Nickel	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0105-2NI-PS	Nickel	Matt	0.14	0.0055	0.34	0.0134	120	4.7280
0109-2-PO	Dumostar®	Polished	0.14	0.0055	0.34	0.0134	120	4.7280
0109-2-PS	Dumostar®	Matt	0.14	0.0055	0.34	0.0134	120	4.7280
5302-2-PO	Inox 02	Polished	0.14	0.0055	0.34	0.0134	120	4.7280

2A

Flat round tips

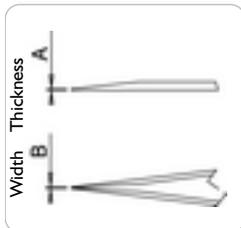


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-2A-PO	Carbon	Polished		0.20	0.0079	1.50	0.0591	120	4.7280
0102-2A-PO	Inox 02	Polished		0.20	0.0079	1.50	0.0591	120	4.7280
0102-2A-PS	Inox 02	Matt		0.20	0.0079	1.50	0.0591	120	4.7280
0103-2A-PO	Dumoxel®	Polished		0.20	0.0079	1.50	0.0591	120	4.7280
0103-2A-PS	Dumoxel®	Matt		0.20	0.0079	1.50	0.0591	120	4.7280
0109-2A-PO	Dumostar®	Polished		0.20	0.0079	1.50	0.0591	120	4.7280
5306-2A-PS	Brass	Matt	TMF	0.20	0.0079	1.50	0.0591	120	4.7280

TMF=Mirror-finished tips

2AM

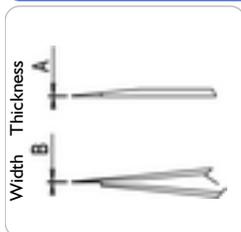
Strong tips with chamfer



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
5306-2AM-PS	Brass	Matt	0.14	0.0055	0.34	0.0134	120	4.7280

2L

Special tips, mirror finished inside



Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
5306-2L-PS	Brass	Matt	TMF	0.20	0.0079	0.20	0.0079	111	4.3734

TMF=Mirror-finished tips

2LA

Special tips, mirror finished inside



Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
5306-2LA-PS	Brass	Matt	TMF	0.60	0.0236	0.20	0.0079	111	4.3734

TMF=Mirror-finished tips

3

Thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-3-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	120	4.7280
0102-3-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0102-3-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	120	4.7280
0103-3-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0103-3-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	120	4.7280
0106-3-PO	Brass	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0106-3-PS	Brass	Matt	0.10	0.0039	0.17	0.0067	120	4.7280
0107-3TI-PO	Titanium	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0109-3-PO	Dumostar®	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0109-3-PS	Dumostar®	Matt	0.10	0.0039	0.17	0.0067	120	4.7280
5302-3-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
5304-3-CO	Antimagn.	Epoxy coated	0.10	0.0039	0.17	0.0067	120	4.7280

3AM

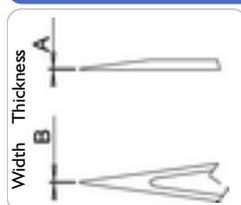
Thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
5306-3AM-PS	Brass	Matt	0.10	0.0039	0.17	0.0067	120	4.7280

### 3C

### Type 3 short, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-3C-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0102-3C-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	110	4.3340
0102-3C-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	110	4.3340
0103-3C-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	110	4.3340
0103-3C-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	110	4.3340
0106-3C-PO	Brass	Polished	0.10	0.0039	0.17	0.0067	110	4.3340
0106-3C-PS	Brass	Matt	0.10	0.0039	0.17	0.0067	110	4.3340
0107-3CTI-PO	Titanium	Polished	0.10	0.0039	0.17	0.0067	110	4.3340
0109-3C-PO	Dumostar®	Polished	0.10	0.0039	0.17	0.0067	110	4.3340
0109-3C-PS	Dumostar®	Matt	0.10	0.0039	0.17	0.0067	110	4.3340

### 3SPCORN

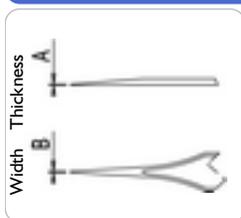
### Strong tips with hole at the extreme end



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0102-3SPCORN-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	Ø 0.30	0.0118	120	4.7280

4

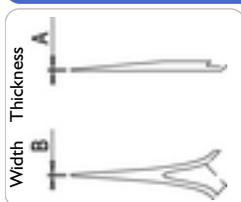
Very thin tips. Stronger than type 5



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-4-PO	Carbon	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
0102-4-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0102-4-PS	Inox 02	Matt	0.08	0.0032	0.13	0.0051	110	4.3340
0103-4-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0103-4-PS	Dumoxel®	Matt	0.08	0.0032	0.13	0.0051	110	4.3340
0109-4-PO	Dumostar®	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0109-4-PS	Dumostar®	Matt	0.08	0.0032	0.13	0.0051	110	4.3340
5301-4-PO	Carbon	Polished	0.06	0.0024	0.10	0.0039	110	4.3340
5302-4-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
5304-4-CO	Antimagn.	Epoxy coated	0.08	0.0032	0.13	0.0051	110	4.3340
5306-4-PS	Brass	Matt	0.08	0.0032	0.13	0.0051	110	4.3340

4AM

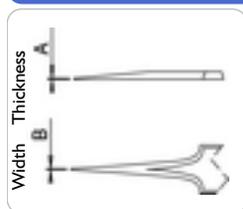
Thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
5305-4AM-PO	Nickel	Polished	0.08	0.0032	0.13	0.0051	110	4.3340

5

Super thin tips



Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-5-PO	Carbon	Polished		0.04	0.0016	0.08	0.0032	110	4.3340
0102-5-TF	Inox 02	Teflon coated	TCO	0.06	0.0024	0.10	0.0039	110	4.3340
0103-5-PO	Dumoxel®	Polished		0.06	0.0024	0.10	0.0039	110	4.3340
0103-5-PS	Dumoxel®	Matt		0.06	0.0024	0.10	0.0039	110	4.3340
0103-5-TF	Dumoxel®	Teflon coated	TCO	0.06	0.0024	0.10	0.0039	110	4.3340
0107-STI-PO	Titanium	Polished		0.06	0.0024	0.10	0.0039	110	4.3340
0108-5-PO	Inox 08	Polished		0.06	0.0024	0.10	0.0039	110	4.3340
0108-5-PS	Inox 08	Matt		0.06	0.0024	0.10	0.0039	110	4.3340
0109-5-PO	Dumostar®	Polished		0.06	0.0024	0.10	0.0039	110	4.3340
0109-5-PS	Dumostar®	Matt		0.06	0.0024	0.10	0.0039	110	4.3340
5301-5-PO	Carbon	Polished		0.04	0.0016	0.08	0.0032	110	4.3340
5302-5-PO	Inox 02	Polished		0.06	0.0024	0.10	0.0039	110	4.3340

TCO=Coated tips

5A

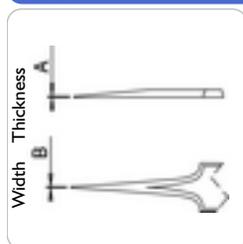
Oblique tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-5A-PO	Carbon	Polished	0.06	0.0024	0.10	0.0039	115	4.5310
0103-5A-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0103-5A-PS	Dumoxel®	Matt	0.08	0.0032	0.13	0.0051	115	4.5310
0108-5A-PO	Inox 08	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0108-5A-PS	Inox 08	Matt	0.08	0.0032	0.13	0.0051	115	4.5310
0109-5A-PO	Dumostar®	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0109-5A-PS	Dumostar®	Matt	0.08	0.0032	0.13	0.0051	115	4.5310

5CST

To manipulate electronic wires, inside tips serrations



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0109-5CST-PO	Dumostar®	Polished	0.25	0.0099	0.30	0.0118	105	4.1370

5SMDT

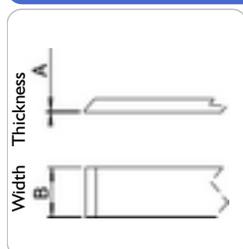
Type 5, super thin tips, with finger pad



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0103-5SMDT-PO	Dumoxel®	Polished	0.01	0.0004	0.05	0.0020	110	4.3340

8

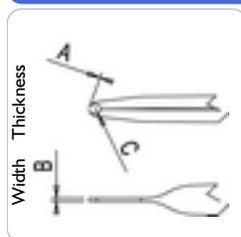
To straighten pivots and wires



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-8-PO	Carbon	Polished	0.20	0.0079	9.20	0.3625	110	4.3340
0102-8-PO	Inox 02	Polished	0.20	0.0079	9.20	0.3625	110	4.3340
0102-8-PS	Inox 02	Matt	0.20	0.0079	9.20	0.3625	110	4.3340
0103-8-PO	Dumoxel®	Polished	0.20	0.0079	9.20	0.3625	110	4.3340
0103-8-PS	Dumoxel®	Matt	0.20	0.0079	9.20	0.3625	110	4.3340

## 8SPCORN

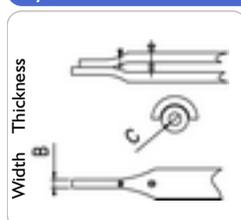
Special design for watch-making



Reference	Steel / alloy	Finish	B mm	inch	C mm	inch	L mm	inch
0102-8SPCORN-PO	Inox 02	Polished	0.7	0.0276	∅ 2.50	0.0985	110	4.3340

## 9/0

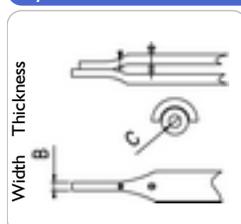
To bend Breguet hairsprings, size 0



Reference	Steel / alloy	Finish	B mm	inch	C mm	inch	L mm	inch
0101-9/0-PO	Carbon	Polished	1.70	0.0670	R 0.65	0.0256	110	4.3340

## 9/00

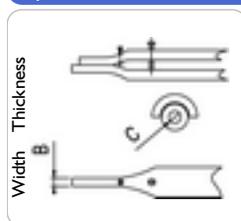
To bend Breguet hairsprings, size 00



Reference	Steel / alloy	Finish	B mm	inch	C mm	inch	L mm	inch
0101-9/00-PO	Carbon	Polished	1.50	0.0591	R 0.55	0.0217	110	4.3340

## 9/1

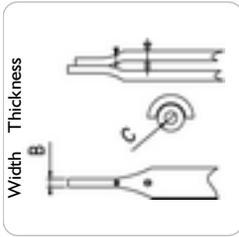
To bend Breguet hairsprings, size 1



Reference	Steel / alloy	Finish	B mm	inch	C mm	inch	L mm	inch
0101-9/1-PO	Carbon	Polished	1.90	0.0749	R 0.75	0.0296	110	4.3340

9/2

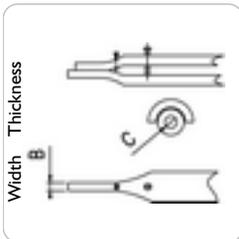
To bend Breguet hairsprings, size 2



Reference	Steel / alloy	Finish	B mm	inch	C mm	inch	L mm	inch
0101-9/2-PO	Carbon	Polished	2.30	0.0906	R 0.95	0.0374	110	4.3340

9/3

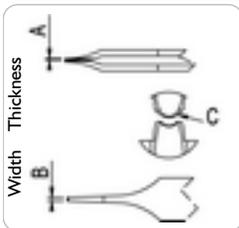
To bend Breguet hairsprings, size 3



Reference	Steel / alloy	Finish	B mm	inch	C mm	inch	L mm	inch
0101-9/3-PO	Carbon	Polished	2.60	0.1024	R 1.10	0.0433	110	4.3340

10/0

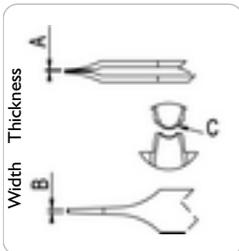
To curve Breguet hairsprings, size 0



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/0-PO	Carbon	Polished	0.40	0.0158	0.90	0.0355	R 0.40	0.0158	110	4.3340
0102-10/0-PO	Inox 02	Polished	0.40	0.0158	0.90	0.0355	R 0.45	0.0177	110	4.3340

10/00

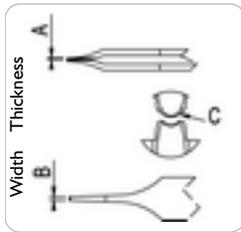
To curve Breguet hairsprings, size 00



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/00-PO	Carbon	Polished	0.30	0.0118	0.60	0.0236	R 0.32	0.0126	110	4.3340
5301-10/00-PO	Carbon	Polished	0.30	0.0118	0.60	0.0236	R 0.32	0.0000	110	4.3340

10/000

To curve Breguet hairsprings, size 000

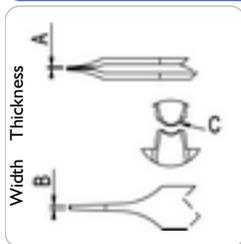


Reference	Steel / alloy	Finish	Option	A	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/000-PO	Carbon	Polished	DHP	0.2	0.0079	0.40	0.0158	R 0.25	0.0099	110	4.3340

DHP

10/1

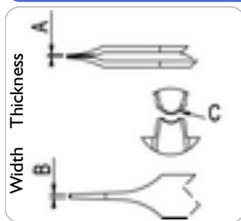
To curve Breguet hairsprings, size 1



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/1-PO	Carbon	Polished	0.5	0.0197	1.20	0.0473	R 0.60	0.0236	110	4.3340

10/2

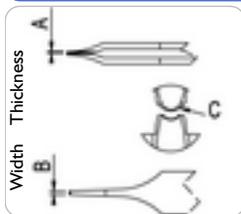
To curve Breguet hairsprings, size 2



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/2-PO	Carbon	Polished	0.6	0.0236	1.40	0.0552	R 0.70	0.0276	110	4.3340

10/3

To curve Breguet hairsprings, size 3

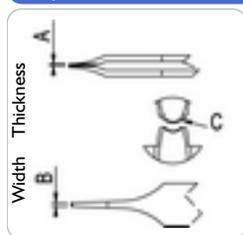


Reference	Steel / alloy	Finish	Option	A	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/3-PO	Carbon	Polished	DHP	0.7	0.0276	1.70	0.0670	R 0.90	0.0355	110	4.3340

DHP

10/4

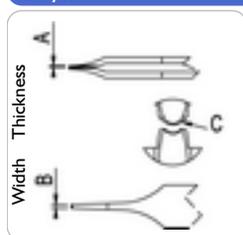
To curve Breguet hairsprings, size 4



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/4-PO	Carbon	Polished	0.8	0.0315	2.00	0.0788	R 1.00	0.0394	110	4.3340

10/5

To curve Breguet hairsprings, size 5

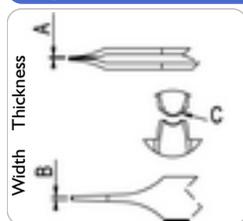


Reference	Steel / alloy	Finish	Option	A	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/5-PO	Carbon	Polished	DHP	0.9	0.0355	2.20	0.0867	R 1.10	0.0433	110	4.3340
0102-10/5-PO	Inox 02	Polished	DHP	0.9	0.0355	2.20	0.0867	R 1.10	0.0433	110	4.3340

DHP

10/6

To curve Breguet hairsprings, size 6

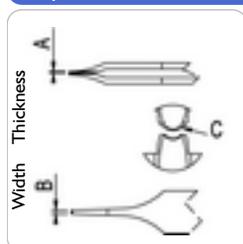


Reference	Steel / alloy	Finish	Option	A	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/6-PO	Carbon	Polished	DHP	1	0.0394	2.40	0.0946	R 1.25	0.0493	110	4.3340

DHP

10/7

To curve Breguet hairsprings, size 7

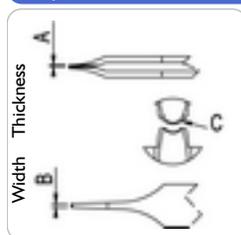


Reference	Steel / alloy	Finish	Option	A	inch	B mm	inch	C mm	inch	L mm	inch
0101-10/7-PO	Carbon	Polished	DHP	1.1	0.0433	2.60	0.1024	R 1.35	0.0532	110	4.3340

DHP

I0/8

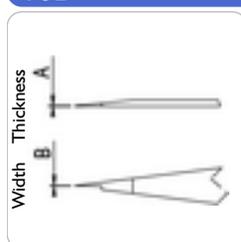
To curve Breguet hairsprings, size 8



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-I0/8-PO	Carbon	Polished	1.2	0.0473	2.80	0.1103	R 1.50	0.0591	110	4.3340

I0B

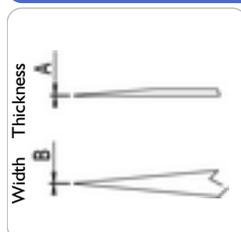
To curve hairsprings' center



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-I0B-PO	Carbon	Polished	0.20	0.0079	0.15	0.0059	120	4.7280

I1

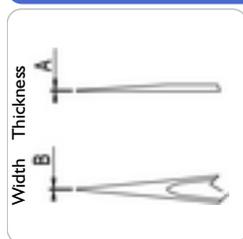
Strong tips. Ideal to manipulate delicate component



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0103-I1-PO	Dumoxel®	Polished	0.14	0.0055	0.24	0.0095	120	4.7280
0103-I1-PS	Dumoxel®	Matt	0.14	0.0055	0.24	0.0095	120	4.7280
0105-I1NI-PO	Nickel	Polished	0.14	0.0055	0.24	0.0095	120	4.7280
0105-I1NI-PS	Nickel	Matt	0.14	0.0055	0.24	0.0095	120	4.7280

12

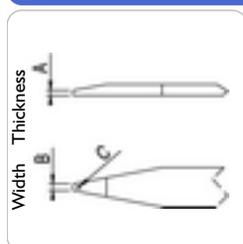
Thin tips. Ideal to manipulate delicate component



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0103-12-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0103-12-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	120	4.7280
0105-12NI-PO	Nickel	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0105-12NI-PS	Nickel	Matt	0.10	0.0039	0.17	0.0067	120	4.7280

13

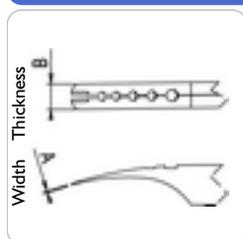
To set round balance wheels



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0105-13NI-PO	Nickel	Polished	1.40	0.0552	1.80	0.0709	∅ 0.75	0.0296	110	4.3340
0105-13NI-PS	Nickel	Matt	1.40	0.0552	1.80	0.0709	∅ 0.75	0.0296	110	4.3340

14

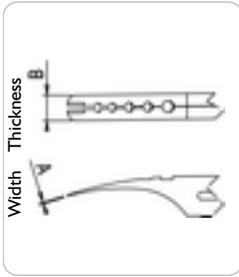
To remove and hold clock hands. Different diameters upon request



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-14-PO	Carbon	Polished	0.30	0.0118	5.00	0.1970	110	4.3340
0102-14-PO	Inox 02	Polished	0.30	0.0118	5.00	0.1970	110	4.3340
0102-14-PS	Inox 02	Matt	0.30	0.0118	5.00	0.1970	110	4.3340

I4A

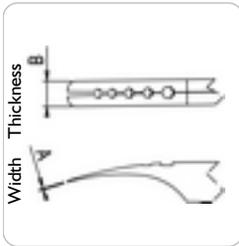
To remove and hold clock hands, with locking system. Different diameters upon request



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-14A-PO	Carbon	Polished	0.30	0.0118	5.00	0.1970	125	4.9250
0102-14A-PO	Inox 02	Polished	0.30	0.0118	5.00	0.1970	125	4.9250
0102-14A-PS	Inox 02	Matt	0.30	0.0118	5.00	0.1970	125	4.9250

I4MFSP

To lift and hold clock hands. Different diameters and finish upon request

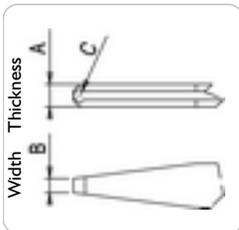


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0102-14MFSP-PS	Inox 02	Matt	SMF	0.30	0.0118	5.00	0.1970	110	4.3340

\*SMF=Mirror-finished on one side

I5

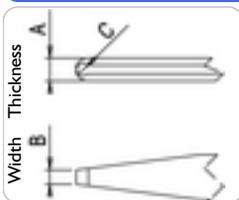
To mark hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-15-PO	Carbon	Polished	2.50	0.0985	3.00	0.1182	∅ 2.20	0.0867	110	4.3340

I5C

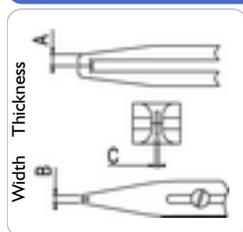
Type 15 short



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-15C-PO	Carbon	Polished	2.50	0.0985	2.20	0.0867	∅ 2.20	0.0867	90	3.5460

23B

To hold pallet forks, with locking system

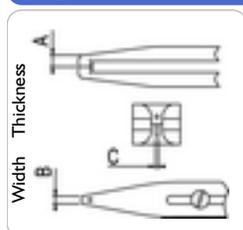


Reference	Steel / alloy	Finish	Option	A	inch	B mm	inch	C mm	inch	L mm	inch
0101-23B-PO	Carbon	Polished		0.80	0.0315	2.00	0.0788	0.55	0.0217	110	4.3340
0102-23B-PO	Inox 02	Polished	DHP	0.80	0.0315	2.00	0.0788	0.55	0.0217	110	4.3340

*DHP*

24B

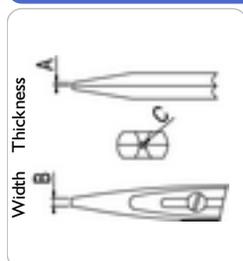
To hold pallet forks, with slide locking system



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-24B-PO	Carbon	Polished	0.80	0.0315	2.00	0.0788	∅ 0.60	0.0236	110	4.3340
0102-24B-PO	Inox 02	Polished	0.80	0.0315	2.00	0.0788	∅ 0.60	0.0236	110	4.3340

24C

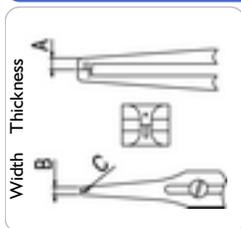
For screws, with locking system



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-24C-PO	Carbon	Polished	0.90	0.0355	1.50	0.0591	∅ 0.30	0.0118	125	4.9250
0102-24C-PO	Inox 02	Polished	0.90	0.0355	1.50	0.0591	∅ 0.30	0.0118	125	4.9250

25B

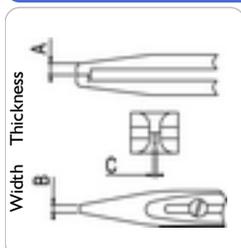
To hold pallet forks, narrow tips, with locking system



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-25B-PO	Carbon	Polished	0.80	0.0315	1.50	0.0591	∅ 0.45	0.0177	110	4.3340
0102-25B-PO	Inox 02	Polished	0.80	0.0315	1.50	0.0591	∅ 0.45	0.0177	110	4.3340

25C

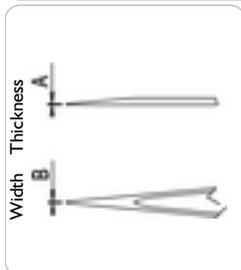
For screws, with locking system



Reference	Steel / alloy	Finish	B mm	inch	C mm	inch	L mm	inch
0101-25C-PO	Carbon	Polished	2.30	0.0906	∅ 0.30	0.0118	125	4.9250
0102-25C-PO	Inox 02	Polished	2.30	0.0906	∅ 0.30	0.0118	125	4.9250

27

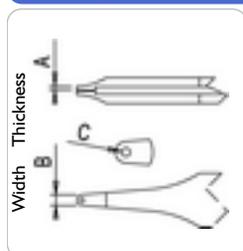
Thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-27-PO	Carbon	Polished	0.10	0.0039	0.14	0.0055	135	5.3190
0103-27-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	135	5.3190
0103-27-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	135	5.3190

27INC

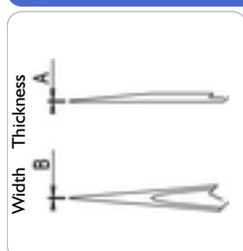
For incabloc, with locking system



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-27INC-PO	Carbon	Polished	0.70	0.0276	2.00	0.0788	∅ 0.80	0.0315	110	4.3340
0102-27INC-PO	Inox 02	Polished	0.70	0.0276	2.00	0.0788	∅ 0.80	0.0315	110	4.3340
0103-27INC-PO	Dumoxel®	Polished	0.70	0.0276	2.00	0.0788	∅ 0.80	0.0315	110	4.3340

45

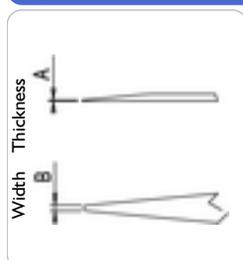
Thin tips



Reference	Steel / alloy	Finish	Serration	A mm	inch	B mm	inch	L mm	inch
0101-45-PO	Carbon	Polished	✓	0.12	0.0047	0.20	0.0079	120	4.7280
0102-45-PS	Inox 02	Matt	✓	0.12	0.0047	0.20	0.0079	120	4.7280
0103-45-PS	Dumoxel®	Matt	✓	0.12	0.0047	0.20	0.0079	120	4.7280

46

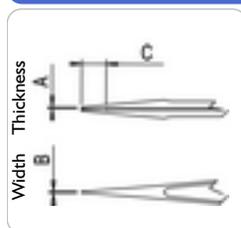
Flat broad round tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-46-PO	Inox 02	Polished	0.20	0.0079	0.60	0.0236	130	5.1220
0103-46-PO	Dumoxel®	Polished	0.20	0.0079	0.60	0.0236	130	5.1220

49

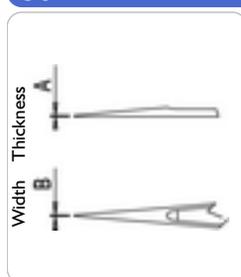
Tips rounded inside



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-49-PO	Carbon	Polished	0.10	0.0039	0.13	0.0051	5.50	0.2167	120	4.7280

50

Geneva pattern, light shanks, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-50-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0103-50-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310

51

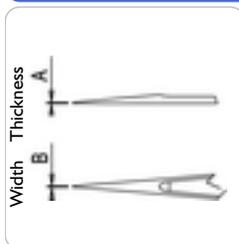
Thin tips, bent 45°, very popular for semi-conductors



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0106-51-PO	Brass	Polished	0.06	0.0024	0.10	0.0039	115	4.5310
0109-51-PO	Dumostar®	Polished	0.06	0.0024	0.10	0.0039	115	4.5310
0109-51-PS	Dumostar®	Matt	0.06	0.0024	0.10	0.0039	115	4.5310

53

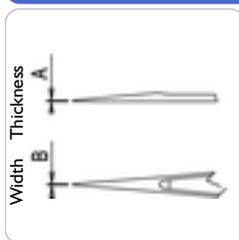
Light shanks, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-53-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	120	4.7280
0102-53-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	120	4.7280
0102-53-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	120	4.7280
0103-53-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	120	4.7280

53C

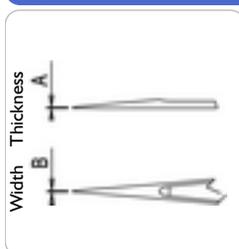
Type 53 short, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-53C-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	110	4.3340

54

Type 4, light shanks, very thin tips

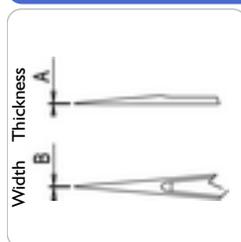


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-54-PO	Carbon	Polished		0.04	0.0016	0.08	0.0032	110	4.3340
0102-54-PO	Inox 02	Polished	DHP	0.08	0.0032	0.13	0.0051	110	4.3340
0103-54-PO	Dumoxel®	Polished		0.08	0.0032	0.13	0.0051	110	4.3340

DHP

55

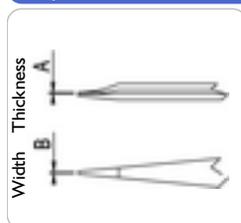
Type 5, light shanks, very thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-55-PO	Carbon	Polished	0.04	0.0016	0.08	0.0032	110	4.3340
0102-55-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0102-55-PS	Inox 02	Matt	0.08	0.0032	0.13	0.0051	110	4.3340
0103-55-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	110	4.3340
0103-55-PS	Dumoxel®	Matt	0.08	0.0032	0.13	0.0051	110	4.3340

60/3

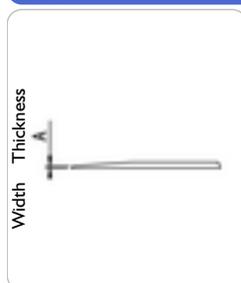
To bend thin copper wires



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-60/3-PO	Carbon	Polished	0.50	0.0197	0.65	0.0256	115	4.5310

70L

Long shanks with slide locking system, inside tips serrations



Reference	Steel / alloy	Finish	Serration	A mm	inch	B mm	inch	L mm	inch
0102-70FL-PS	Inox 02	Matt	✓	0.40	0.0158	0.60	0.0236	160	6.3040

191

To hold and insert small screws



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
5304-191-PS	Antimagn.	Matt	0.70	0.0276	1.80	0.0709	140	5.5160

A

Strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-A-PO	Carbon	Polished	0.35	0.0138	0.60	0.0236	115	4.5310
0102-A-PO	Inox 02	Polished	0.35	0.0138	0.60	0.0236	115	4.5310
0102-A-PS	Inox 02	Matt	0.35	0.0138	0.60	0.0236	115	4.5310
0103-A-PO	Dumoxel®	Polished	0.35	0.0138	0.60	0.0236	115	4.5310
0103-A-PS	Dumoxel®	Matt	0.35	0.0138	0.60	0.0236	115	4.5310

AA

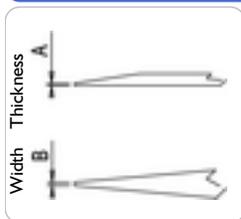
Strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-AA-PO	Carbon	Polished	0.20	0.0079	0.40	0.0158	125	4.9250
0102-AA-PO	Inox 02	Polished	0.20	0.0079	0.40	0.0158	125	4.9250
0102-AA-PS	Inox 02	Matt	0.20	0.0079	0.40	0.0158	125	4.9250
0103-AA-PO	Dumoxel®	Polished	0.20	0.0079	0.40	0.0158	125	4.9250
0103-AA-PS	Dumoxel®	Matt	0.20	0.0079	0.40	0.0158	125	4.9250
0106-AA-PO	Brass	Polished	0.20	0.0079	0.40	0.0158	125	4.9250
0107-AATI-PO	Titanium	Polished	0.20	0.0079	0.40	0.0158	125	4.9250

AC

Type A short

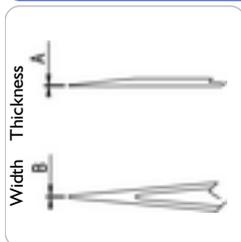


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-AC-PO	Carbon	Polished		0.35	0.0138	0.60	0.0236	105	4.1370
0102-AC-PO	Inox 02	Polished	DHP	0.35	0.0138	0.60	0.0236	105	4.1370
0103-AC-PO	Dumoxel®	Polished	DHP	0.35	0.0138	0.60	0.0236	105	4.1370

DHP

AM

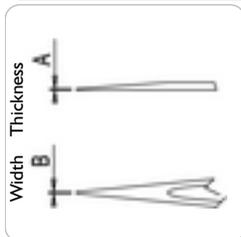
Strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0106-AM-PO	Brass	Polished	0.30	0.0118	0.40	0.0158	120	4.7280

DN0C100SP

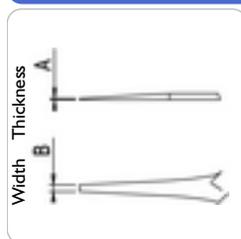
Super thin tips with special bending



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0107-DN0CSP-PO	Titanium	Polished	0.08	0.0032	0.13	0.0051	108	4.2552

F

Wide square tips

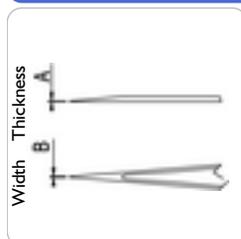


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-F-PO	Carbon	Polished		0.20	0.0079	2.00	0.0788	120	4.7280
0102-F-PO	Inox 02	Polished		0.20	0.0079	2.00	0.0788	120	4.7280
0102-F-PS	Inox 02	Matt		0.20	0.0079	2.00	0.0788	120	4.7280
0103-F-PO	Dumoxel®	Polished		0.20	0.0079	2.00	0.0788	120	4.7280
0103-F-PS	Dumoxel®	Matt		0.20	0.0079	2.00	0.0788	120	4.7280
0109-FSPTMF-PO	Dumostar®	Polished	TMF	0.20	0.0079	2.00	0.0788	120	4.7280

TMF=Mirror-finished tips

GG

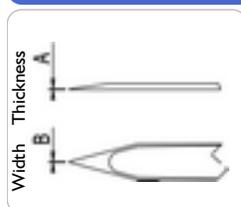
Strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-GG-PO	Carbon	Polished	0.12	0.0047	0.20	0.0079	130	5.1220
0102-GG-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	130	5.1220
0102-GG-PS	Inox 02	Matt	0.12	0.0047	0.20	0.0079	130	5.1220
0103-GG-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	130	5.1220
0103-GG-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	130	5.1220

H

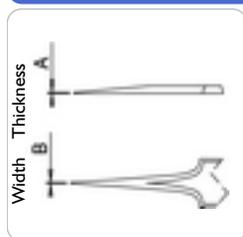
Triangle tips, short shanks



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-H-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	90	3.5460
0102-H-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	90	3.5460
0102-H-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	90	3.5460
0103-H-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	90	3.5460
0103-H-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	90	3.5460

L5

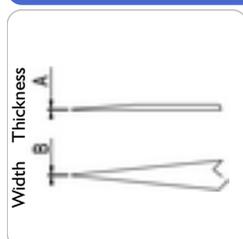
Super thin tips, with clamping ring



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-L5-PO	Inox 02	Polished	0.06	0.0024	0.10	0.0039	110	4.3340

P

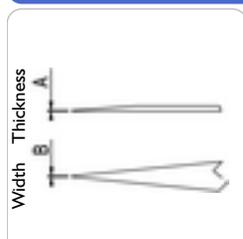
Strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-P-PO	Carbon	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0102-P-PO	Inox 02	Polished	0.14	0.0055	0.24	0.0095	120	4.7280
0102-P-PS	Inox 02	Matt	0.14	0.0055	0.24	0.0095	120	4.7280
0103-P-PO	Dumoxel®	Polished	0.14	0.0055	0.24	0.0095	120	4.7280
0103-P-PS	Dumoxel®	Matt	0.14	0.0055	0.24	0.0095	120	4.7280
0105-PNI-PO	Nickel	Polished	0.14	0.0055	0.24	0.0095	120	4.7280
0105-PNI-PS	Nickel	Matt	0.14	0.0055	0.24	0.0095	120	4.7280
0106-P-PO	Brass	Polished	0.14	0.0055	0.24	0.0095	120	4.7280

PP

Strong tips

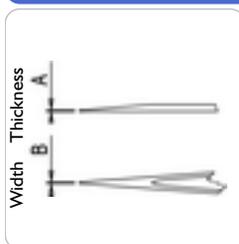


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-PP-PO	Carbon	Polished	DHP	0.12	0.0047	0.20	0.0079	135	5.3190
0102-PP-PO	Inox 02	Polished		0.14	0.0055	0.24	0.0095	135	5.3190
0102-PP-PS	Inox 02	Matt		0.14	0.0055	0.24	0.0095	135	5.3190
0103-PP-PO	Dumoxel®	Polished		0.14	0.0055	0.24	0.0095	135	5.3190
0103-PP-PS	Dumoxel®	Matt		0.14	0.0055	0.24	0.0095	135	5.3190
0106-PP-PO	Brass	Polished		0.14	0.0055	0.24	0.0095	135	5.3190

DHP

S

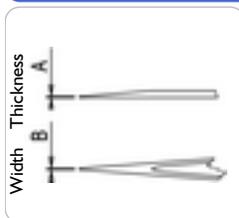
Thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-S-PO	Carbon	Polished	0.10	0.0039	0.14	0.0055	120	4.7280
0102-S-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0102-S-PS	Inox 02	Matt	0.12	0.0047	0.20	0.0079	120	4.7280
0103-S-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0103-S-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	120	4.7280
0105-SNI-PO	Nickel	Polished	0.12	0.0047	0.20	0.0079	120	4.7280
0105-SNI-PS	Nickel	Matt	0.12	0.0047	0.20	0.0079	120	4.7280
0106-S-PO	Brass	Polished	0.12	0.0047	0.20	0.0079	120	4.7280

SC

Type S, short shanks

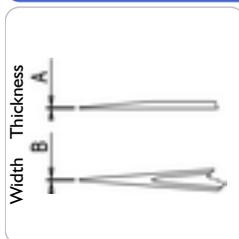


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-SC-PO	Carbon	Polished		0.10	0.0039	0.14	0.0055	110	4.3340
0102-SC-PO	Inox 02	Polished	DHP	0.12	0.0047	0.20	0.0079	110	4.3340
0103-SC-PO	Dumoxel®	Polished		0.12	0.0047	0.20	0.0079	110	4.3340

DHP

SS

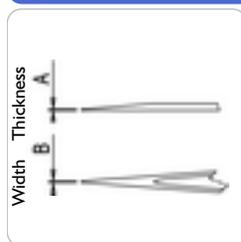
Longnarrow shanks, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0109-SS-PO	Dumostar®	Polished	0.12	0.0047	0.20	0.0079	135	5.3190
0109-SS-PS	Dumostar®	Matt	0.12	0.0047	0.20	0.0079	135	5.3190

## SSI 35

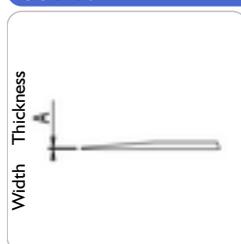
## Long narrow shanks, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-SSI35-PO	Carbon	Polished	0.10	0.0039	0.14	0.0055	135	5.3190
0102-SSI35-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	135	5.3190
0102-SSI35-PS	Inox 02	Matt	0.12	0.0047	0.20	0.0079	135	5.3190
0103-SSI35-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	135	5.3190
0103-SSI35-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	135	5.3190
0105-SSI35NI-PO	Nickel	Polished	0.12	0.0047	0.20	0.0079	135	5.3190
0105-SSI35NI-PS	Nickel	Matt	0.12	0.0047	0.20	0.0079	135	5.3190
0106-SSI35-PO	Brass	Polished	0.12	0.0047	0.20	0.0079	135	5.3190
0109-SSI35-PO	Dumostar®	Matt	0.12	0.0047	0.20	0.0079	135	5.3190

## SSI 40

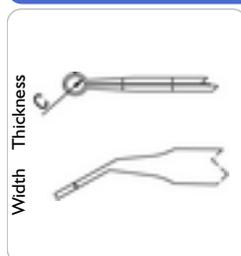
## Long narrow shanks, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-SSI40-PO	Carbon	Polished	0.10	0.0039	0.14	0.0055	140	5.5160
0102-SSI40-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	140	5.5160
0102-SSI40-PS	Inox 02	Matt	0.12	0.0047	0.20	0.0079	140	5.5160
0103-SSI40-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	140	5.5160
0103-SSI40-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	140	5.5160
0107-SSI40TI-PO	Titanium	Polished	0.12	0.0047	0.20	0.0079	140	5.5160
0109-SSI40-PO	Dumostar®	Polished	0.12	0.0047	0.20	0.0079	140	5.5160

2E

To hold quartz. Diameter upon request



Reference	Steel / alloy	Finish	C mm	inch	L mm	inch
5304-2EQUARTZ-CO	Antimagn.	Epoxy coated	Ø 3.00	0.1182	118	4.6492

2E 1/2 pouce

For components, tips ø 12.7 mm



Reference	Steel / alloy	Finish	C mm	inch	L mm	inch
0102-2E1/2-PO	Inox 02	Polished	Ø 12.70	0.5004	118	4.6492
0103-2E1/2-PO	Dumoxel®	Polished	Ø 12.70	0.5004	118	4.6492

2E 1/4 pouce

For components, tips ø 6.4 mm



Reference	Steel / alloy	Finish	C mm	inch	L mm	inch
0102-2E1/4-PO	Inox 02	Polished	Ø 6.40	0.2522	118	4.6492
0103-2E1/4-PO	Dumoxel®	Polished	Ø 6.40	0.2522	118	4.6492

2E1/8 pouce

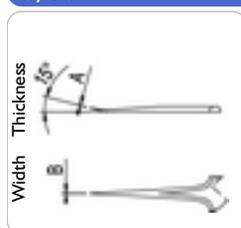
For components, tips  $\varnothing$  3.2 mm



Reference	Steel / alloy	Finish	C mm	inch	L mm	inch
0102-2E1/8-PO	Inox 02	Polished	$\varnothing$ 3.20	0.1261	118	4.6492
0103-2E1/8-PO	Dumoxel®	Polished	$\varnothing$ 3.20	0.1261	118	4.6492

5/15

Thin tips, bent 15°



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-5/15-PO	Carbon	Polished	0.04	0.0016	0.08	0.0032	105	4.1370
0103-5/15-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	105	4.1370
0103-5/15-PS	Dumoxel®	Matt	0.06	0.0024	0.10	0.0039	105	4.1370
0108-5/15-PO	Inox 08	Polished	0.06	0.0024	0.10	0.0039	105	4.1370
0108-5/15-PS	Inox 08	Matt	0.06	0.0024	0.10	0.0039	105	4.1370

5/45

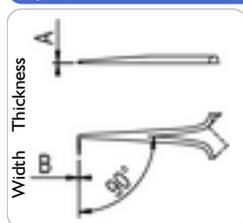
Thin tips, bent 45°



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-5/45-PO	Carbon	Polished	0.04	0.0016	0.08	0.0032	109	4.2946
0103-5/45-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	109	4.2946
0103-5/45-PS	Dumoxel®	Matt	0.06	0.0024	0.10	0.0039	109	4.2946
0108-5/45-PO	Inox 08	Polished	0.06	0.0024	0.10	0.0039	109	4.2946
0108-5/45-PS	Inox 08	Matt	0.06	0.0024	0.10	0.0039	109	4.2946

5/90

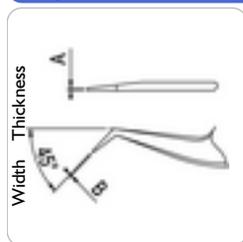
Thin tips, bent 90°



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-5/90-PO	Carbon	Polished	0.04	0.0016	0.08	0.0032	106	4.1764
0103-5/90-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	106	4.1764
0103-5/90-PS	Dumoxel®	Matt	0.06	0.0024	0.10	0.0039	106	4.1764
0108-5/90-PO	Inox 08	Polished	0.06	0.0024	0.10	0.0039	106	4.1764
0108-5/90-PS	Inox 08	Matt	0.06	0.0024	0.10	0.0039	106	4.1764

5A/45

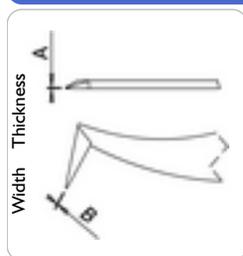
Oblique tips bent 45°



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0103-5A/45-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	113	4.4522
0103-5A/45-PS	Dumoxel®	Matt	0.08	0.0032	0.13	0.0051	113	4.4522

6

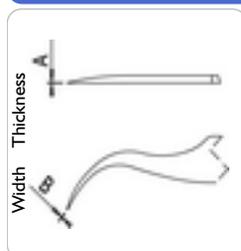
Thin hooked tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-6-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0102-6-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0102-6-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0103-6-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0103-6-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0107-6TI-PO	Titanium	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0109-6-PO	Dumostar®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0109-6-PS	Dumostar®	Matt	0.10	0.0039	0.17	0.0067	115	4.5310

7

Thin curved tips

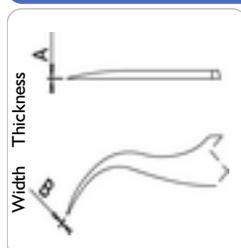


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-7-PO	Carbon	Polished		0.08	0.0032	0.13	0.0051	115	4.5310
0102-7-PO	Inox 02	Polished		0.10	0.0039	0.17	0.0067	115	4.5310
0102-7-PS	Inox 02	Matt		0.10	0.0039	0.17	0.0067	115	4.5310
0102-7-TF	Inox 02	Teflon coated	TCO	0.10	0.0039	0.17	0.0067	115	4.5310
0103-7-PO	Dumoxel®	Polished		0.10	0.0039	0.17	0.0067	115	4.5310
0103-7-PS	Dumoxel®	Matt		0.10	0.0039	0.17	0.0067	115	4.5310
0106-7-PO	Brass	Polished		0.10	0.0039	0.17	0.0067	115	4.5310
0106-7TMF-PO	Brass	Polished	TMF	0.10	0.0039	0.17	0.0067	115	4.5310
0107-7TI-PO	Titanium	Polished		0.10	0.0039	0.17	0.0067	115	4.5310
0107-7TI-PS	Titanium	Matt		0.10	0.0039	0.17	0.0067	115	4.5310
0109-7-PO	Dumostar®	Polished		0.10	0.0039	0.17	0.0067	115	4.5310
0109-7-PS	Dumostar®	Matt		0.10	0.0039	0.17	0.0067	115	4.5310

TMF=Mirror-finished tips TCO=Coated tips

7A

Curved strong tips

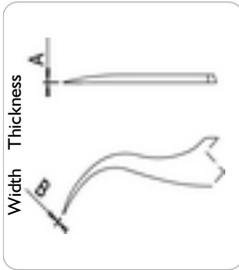


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-7A-PO	Carbon	Polished		0.12	0.0047	0.20	0.0079	115	4.5310
0102-7A-PO	Inox 02	Polished		0.16	0.0063	0.24	0.0095	115	4.5310
0102-7A-PS	Inox 02	Matt		0.16	0.0063	0.24	0.0095	115	4.5310
0103-7A-PO	Dumoxel®	Polished		0.16	0.0063	0.24	0.0095	115	4.5310
0103-7A-PS	Dumoxel®	Matt		0.16	0.0063	0.24	0.0095	115	4.5310
0107-7ATI-PO	Titanium	Polished		0.16	0.0063	0.24	0.0095	115	4.5310
5306-7SF-PS	Brass	Matt	TMF	0.16	0.0063	0.24	0.0095	115	4.5310

TMF=Mirror-finished tips

7B

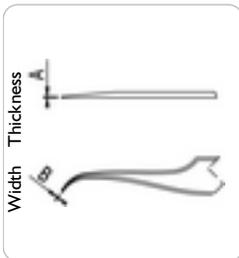
Curved tips with inside serrations



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-7B-PO	Carbon	Polished	0.08	0.0032	0.13	0.0051	115	4.5310
0102-7B-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0102-7B-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0103-7B-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0103-7B-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0109-7B-PO	Dumostar®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310

7S

Small curved and thin tips

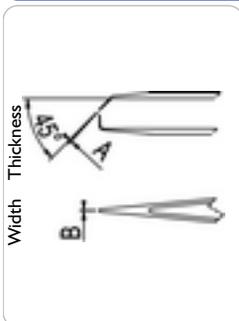


Reference	Steel / alloy	Finish	Option	A mm	inch	B mm	inch	L mm	inch
0101-7S-PO	Carbon	Polished		0.08	0.0032	0.13	0.0051	117	4.6098
0102-7S-PO	Inox 02	Polished		0.10	0.0039	0.17	0.0067	117	4.6098
0103-7S-PO	Dumoxel®	Polished		0.10	0.0039	0.17	0.0067	117	4.6098
5302-7S-PO	Inox 02	Polished		0.10	0.0039	0.17	0.0067	117	4.6098
5306-7S-PS	Brass	Matt	TMF	0.10	0.0039	0.17	0.0067	117	4.6098

TMF=Mirror-finished tips

45/45

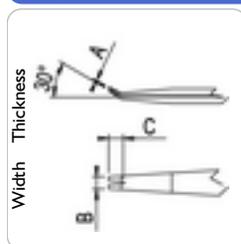
Special tips for a quick check of digital modules functions



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
5302-45/45-CO	Inox 02	Epoxy coated	0.12	0.0047	0.20	0.0079	118	4.6492

208

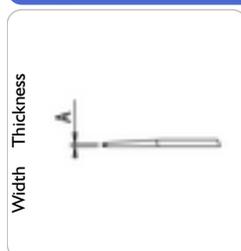
To hold and insert small screws



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
5304-208SCREWS-CO	Antimagn.	Epoxy coated	0.40	0.0158	2.90	0.1143	2.00	0.0788	117	4.6098

242

To hold and insert small screws, tips bent 45°



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
5304-242-PS	Antimagn.	Matt	0.70	0.0276	1.80	0.0709	138	5.4372

L5/15

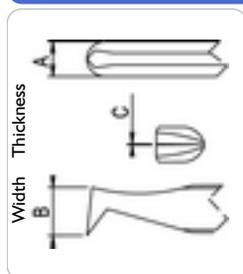
Super thin tips, bent 15°, with clamping ring



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-L5/15-PO	Inox 02	Polished	0.06	0.0024	0.10	0.0039	105	4.1370

I5A

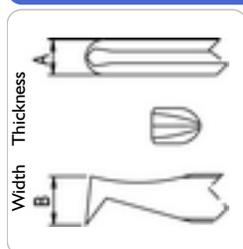
To cut wires, hairsprings and others



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-15AO-PO	Carbon	Polished	8.50	0.3349	10.50	0.4137	0.60	0.0236	115	4.5310
0101-15A-PO	Carbon	Polished	8.50	0.3349	10.50	0.4137	0.20	0.0079	115	4.5310
0102-15A-PO	Inox 02	Polished	8.50	0.3349	10.50	0.4137	0.20	0.0079	115	4.5310
0102-15A-PS	Inox 02	Matt	8.50	0.3349	10.50	0.4137	0.20	0.0079	115	4.5310

I5AP

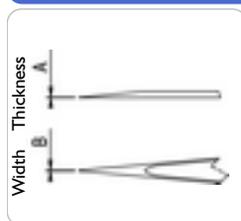
To cut various copper wires, parallel cutting edges



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-15AP-PO	Carbon	Polished	8.50	0.3349	10.50	0.4137	115	4.5310

## N0

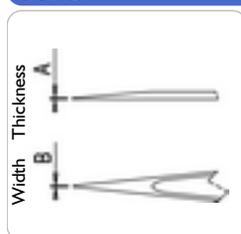
## Type 0, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N0-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0102-N0-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0103-N0-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0103-N0-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	115	4.5310

## N0C

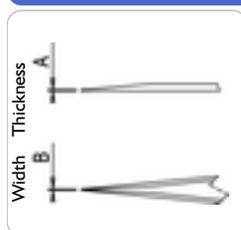
## Type 0 short, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N0C-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	108	4.2552
0102-N0C-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	108	4.2552
0103-N0C-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	108	4.2552
0103-N0C-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	108	4.2552

## N1

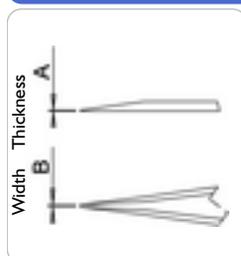
## Type I, strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N1-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	118	4.6492
0102-N1-PS	Inox 02	Matt	0.12	0.0047	0.20	0.0079	118	4.6492
0103-N1-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	118	4.6492
0103-N1-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	118	4.6492

N2

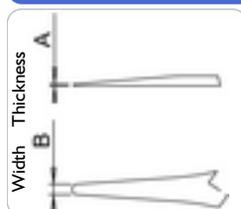
Type 2, long strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N2-PO	Inox 02	Polished	0.14	0.0055	0.34	0.0134	118	4.6492
0102-N2-PS	Inox 02	Matt	0.14	0.0055	0.34	0.0134	118	4.6492
0103-N2-PO	Dumoxel®	Polished	0.14	0.0055	0.34	0.0134	118	4.6492
0103-N2-PS	Dumoxel®	Matt	0.14	0.0055	0.34	0.0134	118	4.6492

N2A

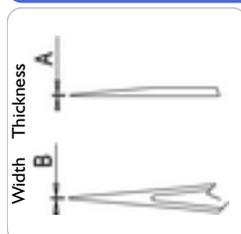
Type 2A, round tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N2A-PO	Inox 02	Polished	0.20	0.0079	1.50	0.0591	118	4.6492
0102-N2A-PS	Inox 02	Matt	0.20	0.0079	1.50	0.0591	118	4.6492
0103-N2A-PO	Dumoxel®	Polished	0.20	0.0079	1.50	0.0591	118	4.6492
0103-N2A-PS	Dumoxel®	Matt	0.20	0.0079	1.50	0.0591	118	4.6492

N3

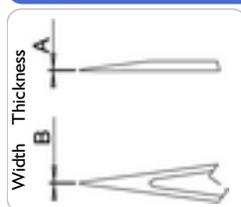
Type 3, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N3-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	118	4.6492
0102-N3-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	118	4.6492
0103-N3-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	118	4.6492
0103-N3-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	118	4.6492

## N3C

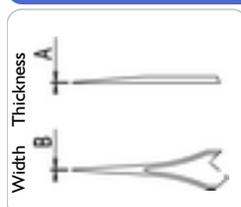
## Type 3 short, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N3C-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	108	4.2552
0102-N3C-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	108	4.2552
0103-N3C-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	108	4.2552
0103-N3C-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	108	4.2552

## N4

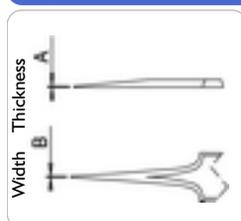
## Type 4, very thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N4-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	108	4.2552
0102-N4-PS	Inox 02	Matt	0.08	0.0032	0.13	0.0051	108	4.2552
0103-N4-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	108	4.2552
0103-N4-PS	Dumoxel®	Matt	0.08	0.0032	0.13	0.0051	108	4.2552

## N5

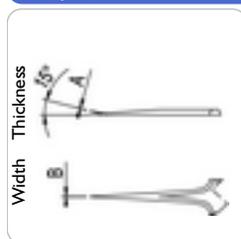
## Type 5, super thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N5-PO	Inox 02	Polished	0.06	0.0024	0.10	0.0039	108	4.2552
0102-N5-PS	Inox 02	Matt	0.06	0.0024	0.10	0.0039	108	4.2552
0103-N5-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	108	4.2552
0103-N5-PS	Dumoxel®	Matt	0.06	0.0024	0.10	0.0039	108	4.2552

N5/15

Type 5, super thin tips, bent 15°



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0103-N5/15-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	106	4.1764
0103-N5/15-PS	Dumoxel®	Matt	0.06	0.0024	0.10	0.0039	106	4.1764

N5A

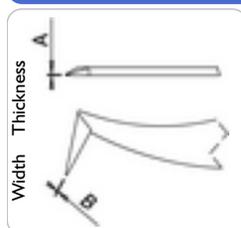
Type 5A, super thin oblique tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N5A-PO	Inox 02	Polished	0.08	0.0032	0.13	0.0051	113	4.4522
0102-N5A-PS	Inox 02	Matt	0.08	0.0032	0.13	0.0051	113	4.4522
0103-N5A-PO	Dumoxel®	Polished	0.08	0.0032	0.13	0.0051	113	4.4522
0103-N5A-PS	Dumoxel®	Matt	0.08	0.0032	0.13	0.0051	113	4.4522

N6

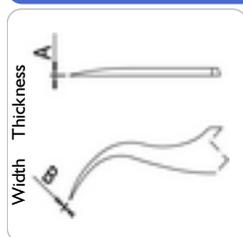
Type 6 tweezers, hooked thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N6-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	113	4.4522
0102-N6-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	113	4.4522
0103-N6-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	113	4.4522
0103-N6-PS	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	113	4.4522

## N7

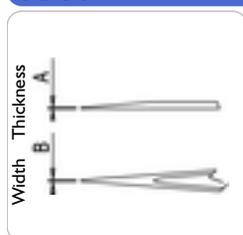
## Type 7 tweezers, curved thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-N7-PO	Inox 02	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0102-N7-PS	Inox 02	Matt	0.10	0.0039	0.17	0.0067	115	4.5310
0103-N7-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	115	4.5310
0103-N7-PS	Dumoxel®	Matt	0.10	0.0039	0.17	0.0067	115	4.5310

## NAA

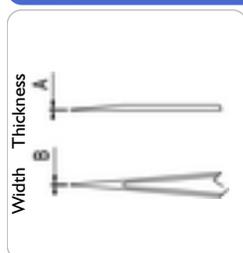
## Type AA, strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-NAA-PO	Inox 02	Polished	0.20	0.0079	0.40	0.0158	123	4.8462
0102-NAA-PS	Inox 02	Matt	0.20	0.0079	0.40	0.0158	123	4.8462
0103-NAA-PO	Dumoxel®	Polished	0.20	0.0079	0.40	0.0158	123	4.8462
0103-NAA-PS	Dumoxel®	Matt	0.20	0.0079	0.40	0.0158	123	4.8462

## NGG

## Type GG, strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-NGG-PO	Inox 02	Polished	0.12	0.0047	0.20	0.0079	128	5.0432
0102-NGG-PS	Inox 02	Matt	0.12	0.0047	0.20	0.0079	128	5.0432
0103-NGG-PO	Dumoxel®	Polished	0.12	0.0047	0.20	0.0079	128	5.0432
0103-NGG-PS	Dumoxel®	Matt	0.12	0.0047	0.20	0.0079	128	5.0432

NPP

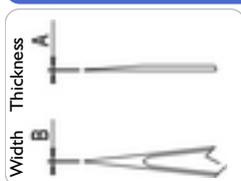
Type PP, strong tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0102-NPP-PO	Inox 02	Polished	0.14	0.0055	0.24	0.0095	133	5.2402
0102-NPP-PS	Inox 02	Matt	0.14	0.0055	0.24	0.0095	133	5.2402
0103-NPP-PO	Dumoxel®	Polished	0.14	0.0055	0.24	0.0095	133	5.2402
0103-NPP-PS	Dumoxel®	Polished	0.14	0.0055	0.24	0.0095	133	5.2402

M3

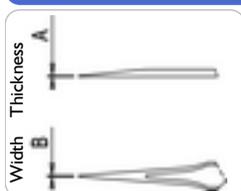
Type 3 mini, thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0103-M3SA-PO	Dumoxel®	Polished	0.10	0.0039	0.17	0.0067	70	2.7580

M5

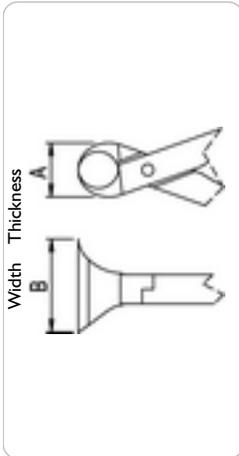
Type 5 mini, very thin tips



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0103-M5SA-PO	Dumoxel®	Polished	0.06	0.0024	0.10	0.0039	85	3.3490

16

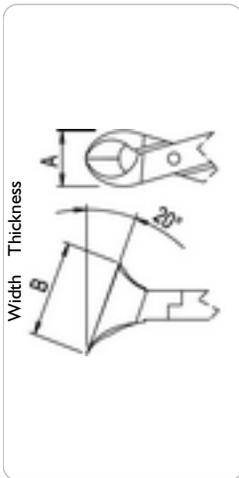
Straight edges and handles, for hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-16-PO	Carbon	Polished	10.50	0.4137	18.50	0.7289	108	4.2552

17

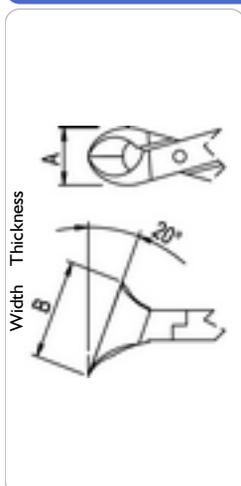
Slant edges, straight handles, for hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-17-PO	Carbon	Polished	10.50	0.4137	19.30	0.7604	110	4.3340

**17A**

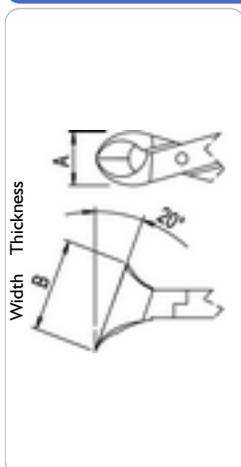
Type 17 large, slant edge, straight handles, for hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-17A-PO	Carbon	Polished	14.00	0.5516	21.00	0.8274	128	5.0432

**17C**

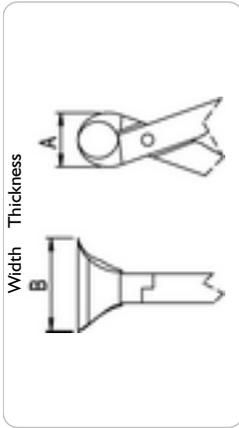
Type 17 small, slant edges, straight handles, for hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-17C-PO	Carbon	Polished	9.50	0.3743	15.00	0.5910	100	3.9400

18

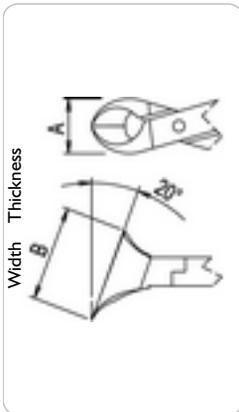
Straight edges, curved handles, for hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-18-PO	Carbon	Polished	10.50	0.4137	18.50	0.7289	105	4.1370

19

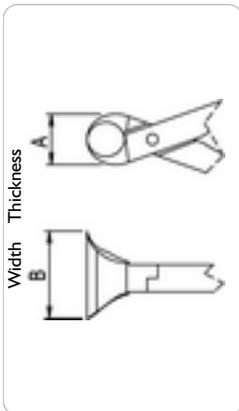
Slant edges, curved handles, for hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-19-PO	Carbon	Polished	10.50	0.4137	19.30	0.7604	105	4.1370

20

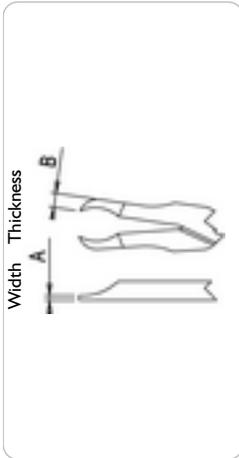
Straight edges and handles, for hairsprings



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-20-PO	Carbon	Polished	10.50	0.4137	20.00	0.7880	108	4.2552

21

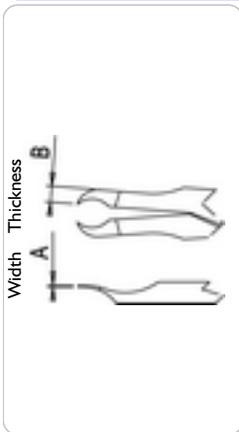
To remove clock hands



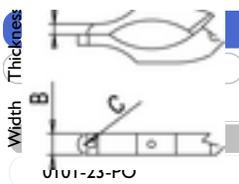
Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-21-PO	Carbon	Polished	1.00	0.0394	2.10	0.0827	125	4.9250

22

To remove collet



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	L mm	inch
0101-22-PO	Carbon	Polished	0.30	0.0118	1.40	0.0552	125	4.9250

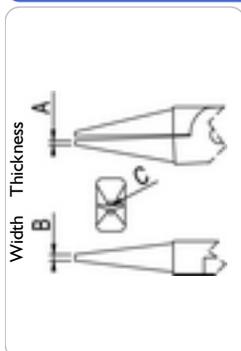


Stud removing pliers

Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-23-PO	Carbon	Polished	1.40	0.0552	3.30	0.1300	∅ 0.50	0.0197	120	4.7280

24

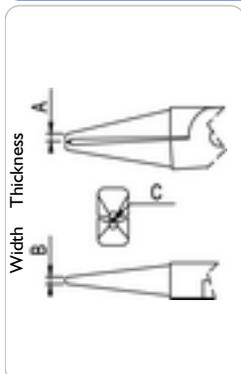
For minute wheel stud



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-24-PO	Carbon	Polished	1.00	0.0394	1.50	0.0591	∅ 0.30	0.0118	120	4.7280
0101-24SP-PO	Carbon	Polished	1.00	0.0394	1.50	0.0591	∅ 0.30	0.0118	120	4.7280

25

For minute wheel stud



Reference	Steel / alloy	Finish	A mm	inch	B mm	inch	C mm	inch	L mm	inch
0101-25-PO	Carbon	Polished	2.50	0.0985	3.00	0.1182	∅ 0.30	0.0118	123	4.8462

TYPE	PAGE	TYPE	PAGE	TYPE	PAGE
<b>0</b>		<b>3</b>		<b>L</b>	
0	12	3C	18	L5	38
00	12	<b>4</b>		L5/15	46
00C	12	4	19	<b>M</b>	
00SPBRA	13	45	31	M3	54
0A	13	45/45	45	M5	54
0C100	13	46	31	Mini tweezers	54
0C90	14	49	32	<b>N</b>	
<b>1</b>		4AM	19	N0	48
1	14	<b>5</b>		NOC	48
10/0	23	5	20	N1	48
10/00	23	5/15	42	N2	49
10/000	24	5/45	42	N2A	49
10/1	24	5/90	43	N3	49
10/2	24	50	32	N3C	50
10/3	24	51	32	N4	50
10/4	25	53	33	N5	50
10/5	25	53C	33	N5/15	51
10/6	25	54	33	N5A	51
10/7	25	55	34	N6	51
10/8	26	5A	20	N7	52
10B	26	5A/45	43	NAA	52
11	26	5CST	21	NGG	52
12	27	5SMDT	21	NPP	53
13	27	<b>6</b>		<b>P</b>	
14	27	6	43	P	38
14A	28	60/3	34	Pliers	55
14MFSP	28	<b>7</b>		PP	38
15	28	7	44	<b>S</b>	
15A	47	70L	34	Straight tweezers	12
15AP	47	7A	44	S	39
15C	28	7B	45	SC	39
16	55	7S	45	Self-closing tweezers	48
17	55	<b>8</b>		SS	39
17A	56	8	21	SS135	40
17C	56	8SPCORN	22	SS140	40
18	57	<b>9</b>		<b>W</b>	
19	57	9/0	22	WATCH-MAKING	11
191	35	9/00	22		
1AM	15	9/1	22		
1L	14	9/2	23		
1SPBRA	15	9/3	23		
<b>2</b>		<b>A</b>			
2	15	A	35		
20	57	AA	35		
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21	58	AM	36		
22	58	<b>C</b>			
23	58	Curved & angled tweezers	41		
23B	29	Cutting tweezers	47		
24	59	<b>D</b>			
242	46	DNOC100SP	36		
24B	29	DUMONT®	10		
24C	29	DUMONT® SA: Company profile	2, 3, 4, 5		
25	59	<b>F</b>			
25B	30	F	37		
25C	30	<b>G</b>			
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2AM	16				
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2E1/8	42				
2L	16				
2LA	17				
<b>3</b>					
3	17				
3 SPCORN	18				
3AM	17				



*Watch-making*



*Jewellery*



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