

F · S · T
FINE SCIENCE TOOLS

THE WORLD'S FINEST INSTRUMENTS FOR MEDICAL DEVICE MANUFACTURING



Since 1974

FINE SURGICAL INSTRUMENTS FOR RESEARCH™

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Timeline



FST SINCE 1974

For nearly 50 years, Fine Science Tools has been the leading distributor of precision surgical and microsurgical instruments, as well as laboratory accessories with offices in Foster City (USA) and Heidelberg (Germany) supporting and serving customers across the globe.

1974

FST established by Hans Gawenda in North Vancouver B.C., Canada.

1993

Set up European office in Heidelberg, Germany.

2003

Deployed first website to make online ordering hassle-free

2009

FST Catalog Cover wins 1st Showcase of Print and Design Excellence award. Since 2009, FST catalog covers and print Ads have won over 22 awards and are well know within the research community.

1984

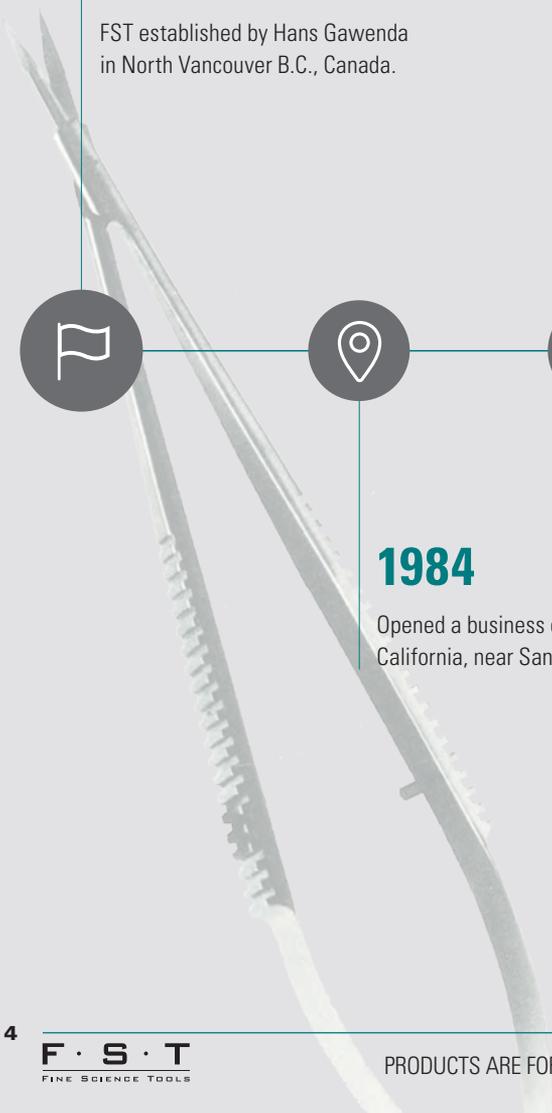
Opened a business office in Foster City, California, near San Francisco.

1999

25th Anniversary of FST

1996

FST invents first and only available 0.5mm Rongeur



2019

Markus Gawenda joins the company
US office in Foster City, California
relocated and expanded.

2024

50th Anniversary of FST

2023

FST expands workshop
in Germany

2014

FST wins Highest Attention-Getting Ads
in Nature and Lab Animal Magazines.

2021

FST reaches 1.000
available products

2018

Launched redesigned website with zoom
feature and multiple languages for a more
immersive product experience.



Satisfaction Guarantee

QUALITY CONTROL

The high quality of Fine Science Tools surgical and microsurgical instruments is the result of our relentless attention to detail. Almost every instrument we sell is manufactured by skilled European craftsmen, designed to exacting specifications made from the finest German stainless steel alloys, and forged from the strongest, lightest materials available, and tested to ensure precision performance and ergonomics.

We are dedicated to quality control, with technicians in our German office inspecting most

FST instruments. Aside from checking instrument dimensions and specifications, we thoroughly inspect tip sharpness, cutting edges, springs, joints, and other various components. Only after passing our detailed inspections, instruments are approved and sealed with our "FST Inspected" seal.

We are proud of our 100% satisfaction guarantee for any product. If, for any reason, you are not completely satisfied with your purchase, you may return it for a full refund.

100% SATISFACTION GUARANTEE

"If, for any reason, you are not completely satisfied with your purchase you may return it for a full refund."

Hans Gawenda, Founder, Fine Science Tools Inc.



F · S · T
FINE SCIENCE TOOLS

WE PROUDLY STOCK

F · S · T

by DUMONT

Fine Science Tools offers a wide selection of the latest and most popular Dumont forceps. Hand crafted in Switzerland for more than a century, these forceps are known for their consistent and uncompromised fineness.

Dumont forceps come in a wide array of styles and alloys. Below you will find detailed descriptions to help guide you in choosing the right Dumont forceps best suited for your needs.

FINDING THE DUMONT FORCEPS BEST SUITED FOR YOUR NEEDS:

Alloys	Hardness	Magnetic	Temperature resistance	Autoclavable	Advantages
Titanium	Least Hard	No	Up to 430° C	Yes	Resistant to corrosion from nitric acid, chloride, and salt water. Titanium is 40% lighter than stainless steel.
Dumoxel	Hard	No	400° C	Yes	The most popular alloy available for Dumont forceps offers the best resistance to corrosion, sulphuric environments, hydrochloric acids, and all other mineral and organic acids.
Inox	Harder	Yes	400° C	Yes	Available for most Dumont forceps. Contains chromium added to carbon steel, which results in some loss of hardness but offers good stainless qualities and resistance to corrosion.
Dumostar	Harder	No	500° C	Yes	More durable and corrosion resistant than the best stainless steels. Highly resistant to mineral and organic acids, and salt water. Dumostar lasts an average of four times longer than Dumoxel and Inox. Most cost effective alloy for manufacturing use.
Carbon	Hardest	Yes	N/A	No	Extremely hard; ensuring strong tips. Easily stains and rusts without proper care. Carbon cannot be immersed in a water bath or sterilized.

Tip profiles: Dimensions vary. See each style for specific dimensions (width x thickness).

Standard	Made for high precision and consistently precise work under a microscope.
Biology	Twice as fine as "Standard Tips." Especially produced for high precision laboratory work under the microscope.
Super Fine Tips	Four times finer than the "Standard Tips." These tips are extremely delicate for the finest work under the microscope. Extra care is needed for these tips as they are very fragile.

Styles

#2	Straight forceps with wide yet fine tips, referred to as Mouse Laminectomy Forceps because of their popularity in breaking off delicate bone from mouse skulls.	#5XL	Extra Long #5 forceps.
#2AP	Epoxy coated with flat wide blunt tips.	#5/45	Tips angled at 45°.
#3	Long straight forceps with coarse tips. Popular in low magnification procedures.	#5/45C	Designed to pick up cover slips from multi-well plates.
#3C	Shorter version of #3.	#5/90	Tips angled at 90°.
#4	Similar to the #5 but with broader shanks and stronger tips.	#5AC	Self-closing Anti-Capillary forceps.
#5	Most popular style of Dumont straight forceps with fine tips which come in several styles.	#6	Sharply angled, broad tips.
#55	Similar to the #5 but with lighter shanks, giving the forceps a lighter spring action.	#7	Most popular style of Dumont curved forceps with fine tips which come in several styles.
#5CO	Similar to the #55 but with even finer shanks producing the lightest spring action and longest meeting surface of any Dumont style.	#7B	Curved serrated tips.
#5L	Medical #5 forceps with slide sleeve for a secure hold and retention.	AA	Strong broad tips.
#5SF	The finest tips ever produced by Dumont.	M	Mini forceps.
		Medical	Denotes distinctive ribbed handle to maximize grip.
		SS	Long and narrow shanks with thin tips.
		WA	One piece design with no soldering grooves allows the forceps to be thoroughly and easily cleaned preventing biofilm residue.

Handcrafted



PRECISION THAT MAKES A MARK

Our surgical mechanics refine and perfect instruments in FST's very own workshop, this is a step that only we take in this form. This is essential for the precision and quality of each and every one of our products.

For example, our Friedman-Pearson rongeurs with tip diameters of 0.5 or 0.7 mm, both are unique in the world. Also, our spring scissors

have established themselves in the research industry and are second to none in terms of fineness.

The result: a level of quality that makes its mark - and to which we have now dedicated our own. Our new symbol "Hand-Crafted" stands for 100% guaranteed craftsmanship and instruments you can rely on in any situation.



CUSTOM DESIGN

If you have ever thought about how nice it would be to use a personalized, unique instrument, you should contact our custom design service as soon as possible.

We have the capabilities to manufacture any product to your specific requirements or to customize existing products to make them perfect for your application.



FINE SCIENCE TOOLS SERVICE

We at FST are constantly trying to improve ourselves and our service. This service includes the preparation and repair of instruments, custom-made products and individual pieces of various instruments according to customer requirements, customer-specific advice based on their application and more.

Over the years we have built up a network of partners and collaborations with well-known institutions and companies. As a result, we also offer application-specific instrument kits including complementary items from our partners.

If you are interested or have any questions, please give us a call at one of our offices.

+1 800 521 2109 (USA)
+49 62 21 - 90 50 50 (GERMANY)



REPAIR SERVICE

In our very own workshop in Heidelberg, Germany we not only manufacture and customize specific instruments according to customer requirements, but also offer a repair service for all of our products.

Which includes:

- General repairs
- Sharpening of scissors/spring scissors
- Adjustments of forceps
- Replacement of tungsten carbide jaws
- Cleaning & reconditioning
- Replacement, if an instrument is beyond repair



Additionally, our team is also available for repairs of your instruments which have not been purchased from FST.

Alloys & Materials

There are various alloys and materials which are used to produce micro surgical instruments with each having certain properties that would be advantageous in particular environments or applications.

We will introduce these alloys, describe their benefits and highlight unique tools for particular procedures that may be ergonomic and overall helpful for your applications.



ToughCut® Scissors

- Black handles
- Last approx. 2.3x longer than stainless steel
- One cutting edge has micro serrations to minimize tissue slippage
- One cutting edge has increased sharpness (cutting edge with a 30° instead of 15° angle)



Tungsten Carbide Instruments

- Golden handles (short gold plating)
- Last approx. 1.9x longer than stainless steel
- Is welded onto the cutting edges of scissors or tips of forceps and needles holders
- Available instruments: bone cutters, scissors, forceps, needles, needle holders, burrs



Tungsten Carbide & ToughCut® Scissors

- Golden handles (long gold plating)
- Last approx. 4.1x longer than stainless steel
- One cutting edge has micro serrations to minimize tissue slippage
- One cutting edge has increased sharpness (cutting edge with a 30° instead of 15° angle)

Stainless Steel Instruments

- Autoclavable
- Medical grade
- Highest quality German steel
- Made in Germany and Switzerland





Epoxy Coated

- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance
- Available instruments: Tweezers



Diamond Coated

- Increased corrosion resistance
- Extended operational life
- Stronger grip at the tips
- Available instruments: Tweezers



CeramaCut® Scissors

- Golden handles and black coating
- Last approx. 6.6x longer than stainless steel
- Cutting edges with Tungsten Carbide and Tough Cut plus ceramic coating
- Ceramic is one of the hardest materials on earth
- Reduced glare



Titanium Instruments

- Approx. 40% lighter than stainless steel
- Softer alloy than stainless steel
- Corrosion resistance (cannot rust)
- Non-Magnetic
- High temperature resistance up to 440°C / 824°F
- Available instruments: scissors, forceps, probes, hooks, spatula, vascular clamps



Ceramic Coated

- Ceramic coating
- Last approx. 2.3x longer than stainless steel
- Ceramic is one of the hardest materials on earth
- Reduced glare
- Available instruments: Dumont forceps and spring scissors



**Fine Scissors
CeramCut®**



- Golden handles and black coating
- Last approx. 6.6x longer than stainless steel
- Cutting edges with Tungsten Carbide and Tough Cut plus ceramic coating
- Ceramic is one of the hardest materials on earth
- Reduced glare



**Straight
Sharp/Sharp**

Alloy: Ceramic Coated stainless Steel
Blade: Ceramic Coated Tungsten carbide with micro-serrations

Length: 9 cm
Cutting edge: 16 mm

14958-09



**Straight
Sharp/Sharp**

Alloy: Ceramic Coated stainless Steel
Blade: Ceramic Coated Tungsten carbide with micro-serrations

Length: 11.5 cm
Cutting edge: 16 mm

14958-11



**Curved
Sharp/Sharp**

Alloy: Ceramic Coated stainless Steel
Blade: Ceramic Coated Tungsten carbide with micro-serrations

Length: 9 cm
Cutting edge: 16 mm

14959-09



**Curved
Sharp/Sharp**

Alloy: Ceramic Coated stainless Steel
Blade: Ceramic Coated Tungsten carbide with micro-serrations

Length: 11.5 cm
Cutting edge: 16 mm

14959-11

Fine Scissors ToughCut® and Tungsten Carbide



- Golden handles (short gold plating)
- Last approx. 1.9x longer than stainless steel
- Is welded onto the cutting edges of scissors or tips of forceps and needles holders
- Available instruments: bone cutters, scissors, forceps, needles, needle holders, burrs



- Black handles
- Last approx. 2.3x longer than stainless steel
- One cutting edge has micro serrations to minimize tissue slippage
- One cutting edge has increased sharpness (cutting edge with a 30° instead of 15° angle)



Straight Sharp/Sharp

Alloy: Stainless Steel
Blade: Tungsten carbide with micro-serrations

Length: 9 cm
Cutting edge: 16 mm

14558-09



Straight Sharp/Sharp

Alloy: Stainless Steel
Blade: Tungsten carbide with micro-serrations

Length: 11.5 cm
Cutting edge: 16 mm

14558-11



Curved Sharp/Sharp

Alloy: Stainless Steel
Blade: Tungsten carbide with micro-serrations

Length: 9 cm
Cutting edge: 16 mm

14559-09



Curved Sharp/Sharp

Alloy: Stainless Steel
Blade: Tungsten carbide with micro-serrations

Length: 11.5 cm
Cutting edge: 16 mm

14559-11

**Fine Scissors
Tungsten Carbide**



- Golden handles (short gold plating)
- Last approx. 1.9x longer than stainless steel
- Is welded onto the cutting edges of scissors or tips of forceps and needles holders
- Available instruments: bone cutters, scissors, forceps, needles, needle holders, burs



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 9 cm
Cutting edge: 16 mm

14568-09



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 11.5 cm
Cutting edge: 16 mm

14568-12



**Curved
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 9 cm
Cutting edge: 16 mm

14569-09



**Curved
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 11.5 cm
Cutting edge: 16 mm

14569-12

**Fine Scissors
ToughCut®**



- Black handles
- Last approx. 2.3x longer than stainless steel
- One cutting edge has micro serrations to minimize tissue slippage
- One cutting edge has increased sharpness (cutting edge with a 30° instead of 15° angle)



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: With micro-serrations

Length: 9 cm
Cutting edge: 16 mm

14058-09



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: With micro-serrations

Length: 11.5 cm
Cutting edge: 16 mm

14058-11



**Curved
Sharp/Sharp**

Alloy: Stainless Steel
Blade: With micro-serrations

Length: 9 cm
Cutting edge: 16 mm

14059-09



**Curved
Sharp/Sharp**

Alloy: Stainless Steel
Blade: With micro-serrations

Length: 11.5 cm
Cutting edge: 16 mm

14059-11

**Fine Scissors
Extra Fine Bonn**



**Straight
Sharp/Sharp**

Alloy: Stainless Steel

Length: 8.5 cm
Cutting edge: 10 mm

14084-08



**Curved
Sharp/Sharp**

Alloy: Stainless Steel

Length: 8.5 cm
Cutting edge: 10 mm

14085-08

**Fine Scissors
ToughCut® Bonn-Strabismus**



- Black handles
- Last approx. 2.3x longer than stainless steel
- One cutting edge has micro serrations to minimize tissue slippage
- One cutting edge has increased sharpness (cutting edge with a 30° instead of 15° angle)



**Straight
Blunt/Blunt**

Alloy: Stainless Steel
Blade: With micro-serrations

Length: 9 cm
Cutting edge: 14 mm

14084-09

Fine Scissors Tungsten Carbide Strabismus



- Golden handles (short gold plating)
- Last approx. 1.9x longer than stainless steel
- Is welded onto the cutting edges of scissors or tips of forceps and needles holders
- Available instruments: bone cutters, scissors, forceps, needles, needle holders, burrs



Straight Blunt/Blunt

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 9 cm
Cutting edge: 13 mm

14574-09



Straight Blunt/Blunt

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 11 cm
Cutting edge: 18 mm

14574-11



Curved Blunt/Blunt

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 9 cm
Cutting edge: 13 mm

14575-09



Curved Blunt/Blunt

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 11 cm
Cutting edge: 18 mm

14575-11

**Spring Scissors
Vannas**



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel

Length: 8.5 cm
Cutting edge: 8 mm
Tip Dimension: 0.1 mm

15009-08

**Spring Scissors
Ceramic Coated**



- Ceramic coating
- Last approx. 2.3x longer than stainless steel
- Ceramic is one of the hardest materials on earth
- Reduced glare



**Straight
Sharp/Sharp**

Alloy: Ceramic Coated Stainless Steel
Blade: Ceramic Coated Stainless Steel

Length: 10 cm
Cutting edge: 7 mm
Tip Dimension: 0.1 mm

15750-11



**Curved
Sharp/Sharp**

Alloy: Ceramic Coated Stainless Steel
Blade: Ceramic Coated Stainless Steel

Length: 10 cm
Cutting edge: 7 mm
Tip Dimension: 0.1 mm

15751-11

**Spring Scissors
Castroviejo**



**Sharply curved
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel

Length: 10 cm
Cutting edge: 10 mm
Tip Dimension: 0.2 mm

15017-10

**Spring Scissors
Castroviejo**



**Angled to side
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel

Length: 10 cm
Cutting edge: 10 mm
Tip Dimension: 0.125 mm

15006-09

**Spring Scissors
Noyes**



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel

Length: 12 cm
Cutting edge: 14 mm
Tip Dimension: 0.2 mm

15012-12

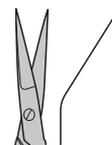


**Curved
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel

Length: 12 cm
Cutting edge: 14 mm
Tip Dimension: 0.2 mm

15011-12



**Angled up
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel

Length: 12 cm
Cutting edge: 14 mm
Tip Dimension: 0.2 mm

15013-12

**Spring Scissors
Tungsten Carbide Noyes**



- Golden handles (short gold plating)
- Last approx. 1.9x longer than stainless steel
- Is welded onto the cutting edges of scissors or tips of forceps and needles holders
- Available instruments: bone cutters, scissors, forceps, needles, needle holders, burrs



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Tungsten carbide

Length: 12 cm
Cutting edge: 14 mm
Tip Dimension: 0.275 mm

15514-12

**Spring Scissors
ToughCut®**



- Black handles
- Last approx. 2.3x longer than stainless steel
- One cutting edge has micro serrations to minimize tissue slippage
- One cutting edge has increased sharpness (cutting edge with a 30° instead of 15° angle)



**Straight
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel with micro-serrations

Length: 12.5 cm
Cutting edge: 6 mm
Tip Dimension: 0.3 mm

15124-12



**Curved
Sharp/Sharp**

Alloy: Stainless Steel
Blade: Stainless Steel with micro-serrations

Length: 12.5 cm
Cutting edge: 6 mm
Tip Dimension: 0.3 mm

15123-12

**Needle Holders
Castroviejo**



Straight

Alloy: Stainless Steel

Length: 9 cm

12060-01

**Needle Holders
Castroviejo with Tungsten Carbide Jaws**



- Golden handles (short gold plating)
- Last approx. 1.9x longer than stainless steel
- Is welded onto the cutting edges of scissors or tips of forceps and needles holders
- Available instruments: bone cutters, scissors, forceps, needles, needle holders, burrs



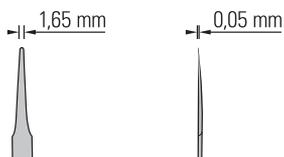
Straight

Alloy: Stainless Steel with Tungsten Carbide Jaws

Length: 14 cm

12565-14

2AF Medical Tweezers



Straight

Alloy: Anti-Magnetic Anti-Acid Superalloy

Length: 12 cm

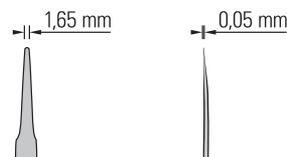
Tip Dimension: 1.65 x 0.05 mm

11320-21

2A Diamond Coated Tweezers



- Increased corrosion resistance
- Extended operational life
- Stronger grip at the tips



Straight

Alloy: Diamond Coated Stainless steel

Length: 12 cm

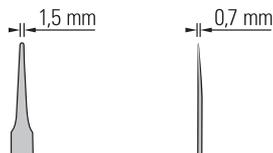
Tip Dimension: 1.65 x 0.05 mm

11992-12

Dumont 2AP - Epoxy Coated Tweezers



- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance



Straight

Alloy: Epoxy coated Inox

Length: 12 cm

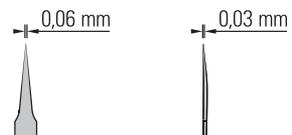
Tip Dimension: 1.5 x 0.7 mm

11220-21

4SG Biology Tweezers

Superalloy

- Excellent strength from room temperature to 800 °C
- Very high shape retention
- Resistant to fatigue
- Non-magnetic
- Excellent corrosion resistance to most chemicals, salts and acids
- For laboratory and manufacturing applications in aggressive chemical and extreme environments



Straight

Alloy: Anti-Magnetic Anti-Acid Superalloy, polished

Length: 11 cm

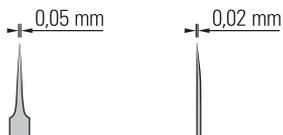
Tip Dimension: 0.06 x 0.03 mm

11901-11

Dumont 5 Tweezers

Dumostar

More durable and corrosion resistant than the best stainless steels. Highly resistant to mineral and organic acids, and salt water. Dumostar lasts an average of four times longer than Dumoxel and Inox. Most cost effective alloy for manufacturing use.



Straight

Alloy: Dumostar

Length: 11 cm

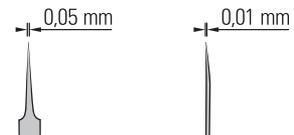
Tip Dimension: 0.05 x 0.02 mm

11295-10

Dumont 5 Ceramic Coated Tweezers



- Ceramic coating
- Last approx. 2.3x longer than stainless steel
- Ceramic is one of the hardest materials on earth
- Reduced glare



Straight

Alloy: Ceramic Coating Inox

Length: 11 cm

Tip Dimension: 0.05 x 0.01 mm

11252-50

Dumont 5 Teflon Coated Tweezers



Straight

Alloy: Teflon coated Inox

Length: 11 cm

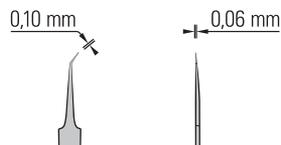
Tip Dimension: 0.10 x 0.06 mm

11626-11

Dumont 5/45 Tweezers

Dumoxel

The most popular alloy available for Dumont forceps offers the best resistance to corrosion, sulphuric environments, hydrochloric acids, and all other mineral and organic acids.



Angled

Alloy: Dumoxel

Length: 11 cm

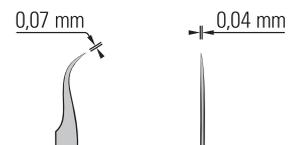
Tip Dimension: 0.1 x 0.06 mm

11251-35

Dumont 7 Ceramic Coated Tweezers



- Ceramic coating
- Last approx. 2.3x longer than stainless steel
- Ceramic is one of the hardest materials on earth
- Reduced glare



Curved

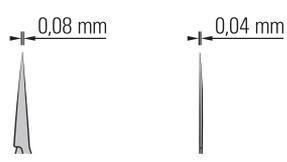
Alloy: Ceramic Coating Inox

Length: 11 cm

Tip Dimension: 0.07 x 0.04 mm

11272-50

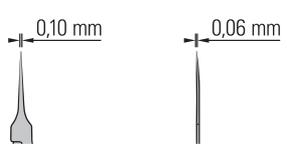
Fine Self-Closing Tweezers



Straight

Alloy: Stainless steel
 Length: 11.5 cm
 Tip Dimension: 0.08 x 0.04 mm

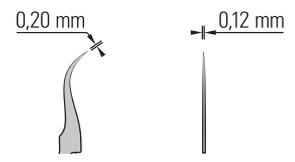
11480-11



Straight

Alloy: Stainless steel
 Length: 11 cm
 Tip Dimension: 0.10 x 0.06 mm

11485-11



Straight

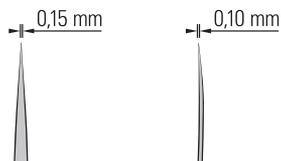
Alloy: Stainless steel
 Length: 11.5 cm
 Tip Dimension: 0.20 x 0.12 mm

11487-11

Diamond Coated Tweezers



- Increased corrosion resistance
- Extended operational life
- Stronger grip at the tips



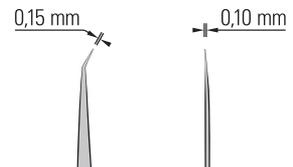
Straight

Alloy: Diamond Coated Stainless steel

Length: 14 cm

Tip Dimension: 0.15 x 0.1 mm

11990-14



Angled 30°

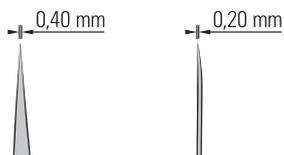
Alloy: Diamond Coated Stainless steel

Length: 14 cm

Tip Dimension: 0.15 x 0.1 mm

11991-14

Dumont AA



Straight

Alloy: Inox

Length: 12.5 cm

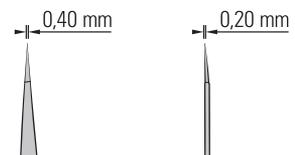
Tip Dimension: 0.4 x 0.2 mm

11210-20

Dumont AA - Epoxy Coated



- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance



Straight

Alloy: Epoxy coated Inox

Length: 12.5 cm

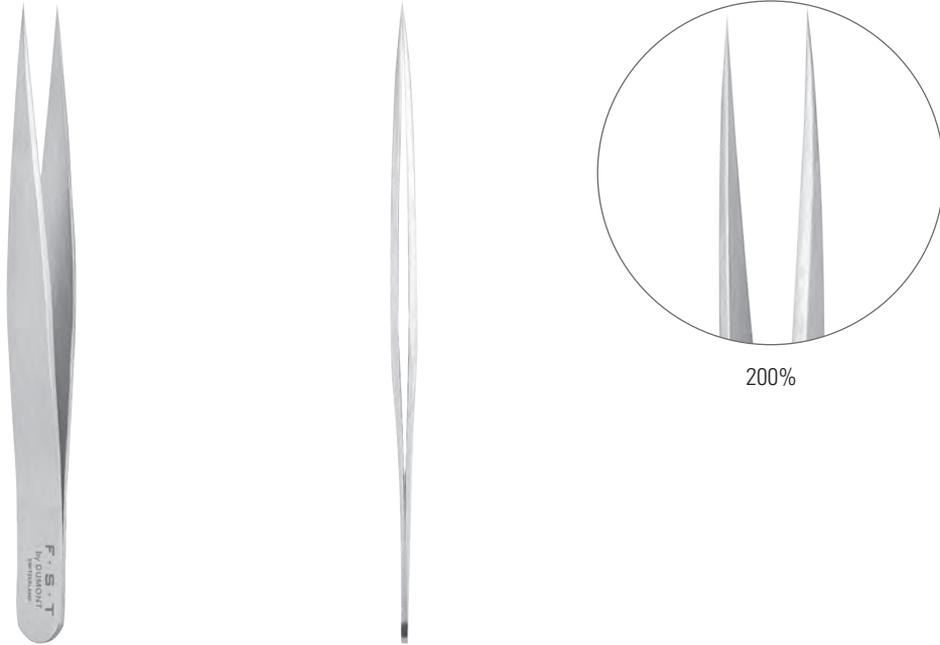
Tip Dimension: 0.4 x 0.2 mm

11210-10

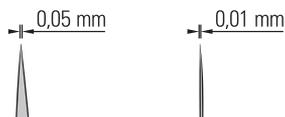
Dumont Biology Mini Tweezers

Dumostar

More durable and corrosion resistant than the best stainless steels. Highly resistant to mineral and organic acids, and salt water. Dumostar lasts an average of four times longer than Dumoxel and Inox. Most cost effective alloy for manufacturing use.



M5C0



**Straight
Sharp**

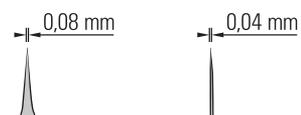
Alloy: Dumostar

Length: 8.5 cm

Tip Dimension: 0.05 x 0.01 mm

11290-14

M3C0



**Straight
Sharp**

Alloy: Dumostar

Length: 7 cm

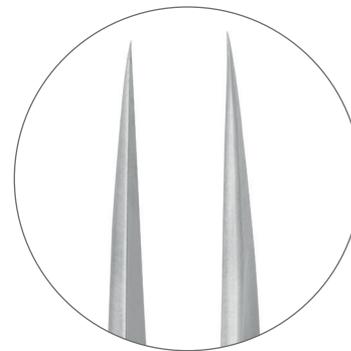
Tip Dimension: 0.08 x 0.04 mm

11290-10

Biology Mini Tweezers

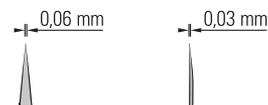
Superalloy

- Excellent strength from room temperature to 800 °C
- Very high shape retention
- Resistant to fatigue
- Non-magnetic
- Excellent corrosion resistance to most chemicals, salts and acids
- For laboratory and manufacturing applications in aggressive chemical and extreme environments



200%

M5E



Straight Sharp

Alloy: Anti-Magnetic Anti-Acid Superalloy, polished

Length: 8 cm

Tip Dimension: 0.06 x 0.03 mm

11962-08

M2



Straight Sharp

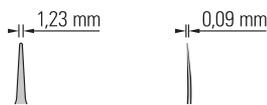
Alloy: Anti-Magnetic Anti-Acid Stainless Steel, sandblasted

Length: 9 cm

Tip Dimension: 0.2 x 0.15 mm

11963-09

M2A



Straight Blunt

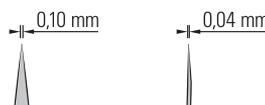
Alloy: Anti-Magnetic Anti-Acid Stainless Steel, sandblasted

Length: 7 cm

Tip Dimension: 1.23 x 0.09 mm

11964-07

M3E



Straight Sharp

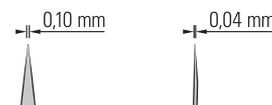
Alloy: Stainless Steel, sandblasted

Length: 7 cm

Tip Dimension: 0.1 x 0.04 mm

11965-07

M3E



Straight Sharp

Alloy: Anti-Magnetic Anti-Acid Superalloy, polished

Length: 7 cm

Tip Dimension: 0.1 x 0.04 mm

11961-08

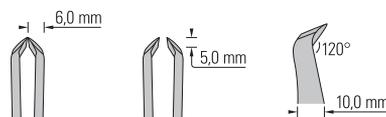
Dumont 15ARW Epoxy coated Cutting Tweezers



- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance



200%

**Angled cutting**

Alloy: Carbon Steel, epoxy coating

Blade: Carbon Steel

Length: 11.5 cm

Tip Dimension: 5 x 6 mm

11215-02

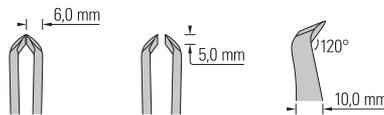
Dumont 15ARWPB Epoxy coated Cutting Tweezers with Parallel Blades



- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance



200%



**Angled cutting
Parallel blades**

Alloy: Carbon Steel, epoxy coating
Blade: Carbon Steel

Length: 11.5 cm
Tip Dimension: 5 x 6 mm

11215-12

15ARW Coated Cutting Tweezers



11522-11

- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance

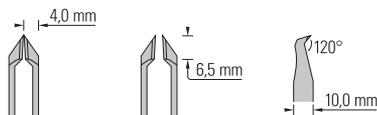


11531-11

- Increased corrosion resistance
- Extended operational life
- Stronger grip at the tips



200%

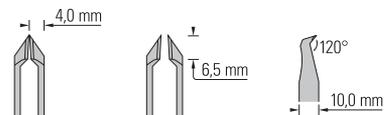


Angled cutting

Alloy: Carbon Steel, ESD epoxy coating
Blade: Carbon Steel

Length: 11.5 cm
Tip Dimension: 6.5 x 4 mm

11522-11



Angled cutting

Alloy: Carbon Steel, Diamond coating
Blade: Carbon Steel, Diamond coating

Length: 11.5 cm
Tip Dimension: 6.5 x 4 mm

11531-11

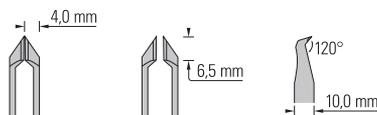
15ARWPB M Epoxy coated Cutting Tweezers with Parallel Blades



- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance



200%



**Angled cutting
Parallel blades**

Alloy: Carbon Steel, ESD epoxy coating
Blade: Carbon Steel

Length: 11.5 cm
Tip Dimension: 6.5 x 4 mm

11523-11

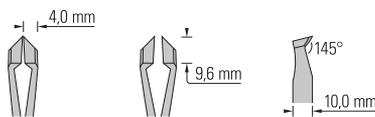
Dumont 15AGW Epoxy coated Cutting Tweezers



- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance



200%

**Angled cutting**

Alloy: Carbon Steel, epoxy coating

Blade: Carbon Steel

Length: 11.5 cm

Tip Dimension: 9 x 4 mm

11215-03

15AGW Coated Cutting Tweezers



11521-11

- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance

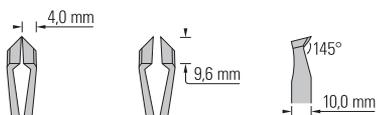


11530-11

- Increased corrosion resistance
- Extended operational life
- Stronger grip at the tips



200%

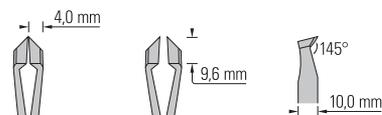


Angled cutting

Alloy: Carbon Steel, ESD epoxy coating
Blade: Carbon Steel

Length: 11.5 cm
Tip Dimension: 9.6 x 4 mm

11521-11



Angled cutting

Alloy: Carbon Steel, Diamond coating
Blade: Carbon Steel, Diamond coating

Length: 11.5 cm
Tip Dimension: 9.6 x 4 mm

11530-11

15A Epoxy Cutting Tweezers

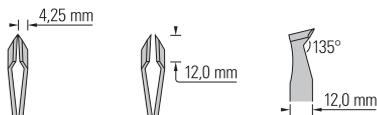


11520-12

- Slip-proof
- Acid and electric shock resistant
- Insulation for up to 220 AC voltage
- Highly impervious to chemical solutions
- Will not adhere to cold / frozen surfaces
- Increased corrosion resistance



200%



Angled cutting

Alloy: Carbon Steel, ESD epoxy coating
Blade: Carbon Steel

Length: 12 cm
Tip Dimension: 12 x 4.25 mm

11520-12



Angled cutting

Alloy: Carbon Steel, sandblasted
Blade: Carbon Steel

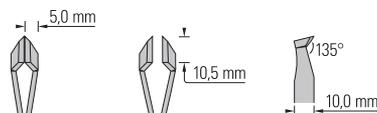
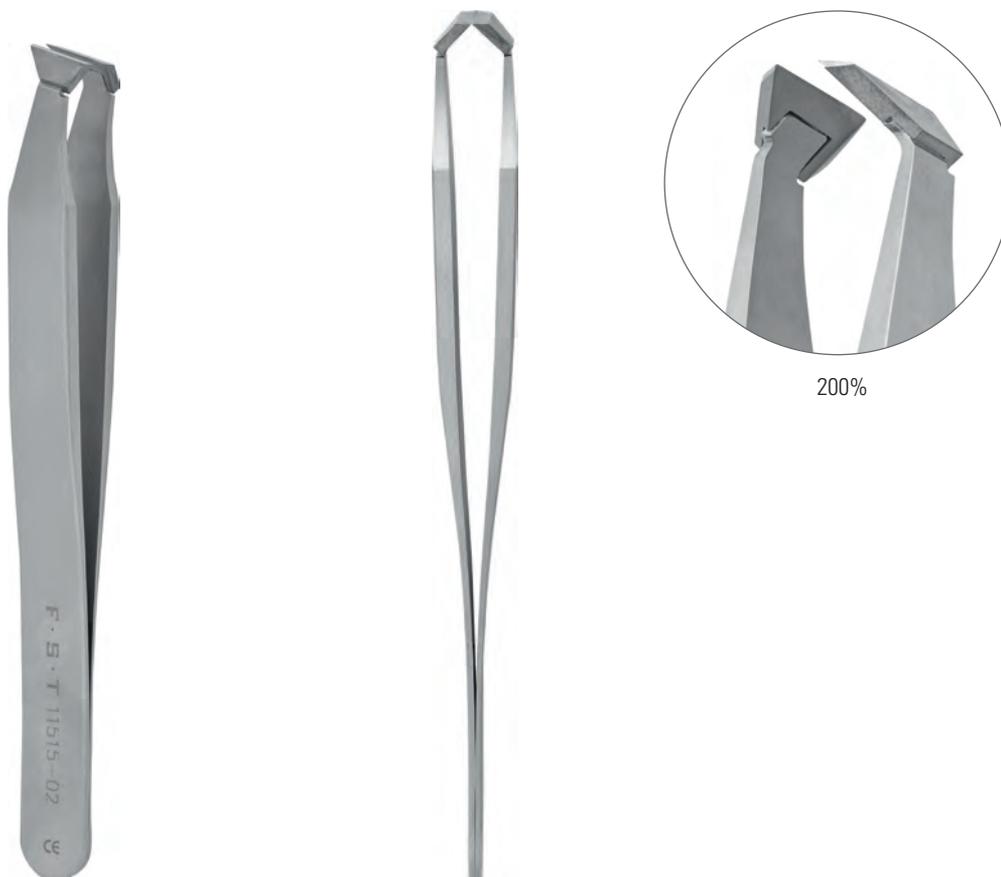
Length: 12 cm
Tip Dimension: 12 x 4.25 mm

11510-12

15AGHPB M High Precision Tungsten Carbide Cutting Tweezers with parallel blades



- Golden handles (short gold plating)
- Last approx. 1.9x longer than stainless steel
- Is welded onto the cutting edges of scissors or tips of forceps and needles holders
- Available instruments: bone cutters, scissors, forceps, needles, needle holders, burrs



Angled cutting Parallel blades

Alloy: Anti-Magnetic Anti-Acid Stainless Steel, sandblasted

Blade: Tungsten carbide

Length: 11.5 cm

Tip Dimension: 10.5 x 5 mm

11515-02

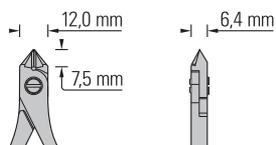
Slim High Precision Tungsten Carbide Cutter



- Increased strength, durability and cutting performance
- Is welded onto the cutting edges
- Available instruments: cutters, scissors, forceps, needles, needle holders, burrs



200%

**Large, tapered**

Cutting edge: Flush

Alloy: High carbon-chromium low alloy steel

Blade: Tungsten carbide

Length: 11.8 cm

16952-11

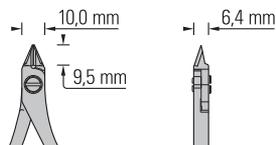
Slim High Precision Tungsten Carbide Cutter



- Increased strength, durability and cutting performance
- Is welded onto the cutting edges
- Available instruments: cutters, scissors, forceps, needles, needle holders, burrs



200%

**Small, tapered & relieved**

Cutting edge: Full-Flush

Alloy: High carbon-chromium low alloy steel

Blade: Tungsten carbide

Length: 12 cm

16953-12

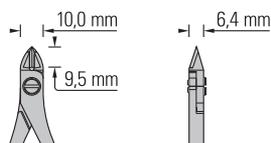
Slim High Precision Tungsten Carbide Cutter



- Increased strength, durability and cutting performance
- Is welded onto the cutting edges
- Available instruments: cutters, scissors, forceps, needles, needle holders, burs



200%

**Small, oval**

Cutting edge: Flush

Alloy: High carbon-chromium low alloy steel

Blade: Tungsten carbide

Length: 12 cm

16950-12

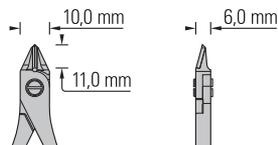
Slim High Precision Tungsten Carbide Cutter



- Increased strength, durability and cutting performance
- Is welded onto the cutting edges
- Available instruments: cutters, scissors, forceps, needles, needle holders, burs



200%

**Large, tapered & relieved**

Cutting edge: Full-Flush

Alloy: High carbon-chromium low alloy steel

Blade: Tungsten carbide

Length: 12 cm

16954-12

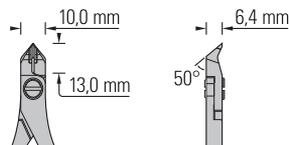
Slim High Precision Tungsten Carbide Cutter



- Increased strength, durability and cutting performance
- Is welded onto the cutting edges
- Available instruments: cutters, scissors, forceps, needles, needle holders, burs



200%

**Small, tapered**

Cutting edge: Full-Flush

Alloy: High carbon-chromium low alloy steel

Blade: Tungsten carbide

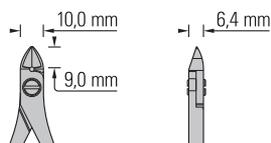
Length: 12.3 cm

16951-12

Slim High Precision Cutter



200%

**Small, oval**

Cutting edge: Semi-Flush

Alloy: High carbon-chromium low alloy steel

Blade: High carbon-chromium low alloy steel

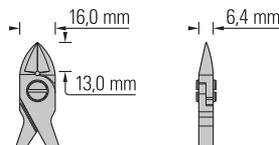
Length: 12 cm

16900-12

Slim High Precision Cutter



200%

**Extra-Large rounded, oval**

Cutting edge: Semi-Flush

Alloy: High carbon-chromium low alloy steel

Blade: High carbon-chromium low alloy steel

Length: 12.5 cm

16901-12

S&T Micro Clamp

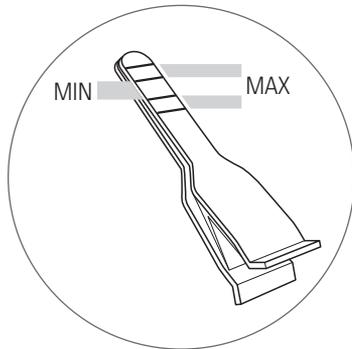


200 %
of actual size

Straight

Alloy: Stainless Steel
Tip Dimension: 5.5 mm
Length: 11 mm

00398-02



Clamp pressure

Micro Clamp Applying Forceps



Straight

Alloy: Stainless Steel
Only compatible with
S&T Micro Clamps
with Lock
Length: 14 cm

00071-14

Straight

Alloy: Stainless Steel
Only compatible with
S&T Micro Clamps
without Lock
Length: 14 cm

00072-14

**Applying Forceps
for Biemer Clip**



Straight

Alloy: Stainless Steel
Length: 14 cm

18059-14

**Schwartz Micro
Serrefines**



Straight

Alloy: Stainless Steel
Tip Dimension: 10 mm
Length: 26 mm

18052-01

Biemer Clip



Straight

Alloy: Stainless Steel
Tip Dimension: 6 mm
Length: 15 mm

18058-15

Straight

Alloy: Stainless Steel
Tip Dimension: 9 mm
Length: 18 mm

18058-18

ORDERING INFORMATION

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E-Mail: info@finescience.com
Web: finescience.com

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69115 Heidelberg, Germany
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E-Mail: europe@finescience.de
Web: finescience.de

FINE SCIENCE TOOLS AROUND THE WORLD

Commitment to excellence

As a result, our products continue to be the preferred instruments among medical device manufacturers worldwide.

WE HAVE OFFICES AND DEALERS THROUGHOUT THE WORLD
AND HAVE BEEN SHIPPING GLOBALLY SINCE 1974.

