

【Surgical Instruments】

実験動物用精密手術器具



ストールティング社の最高級外科用器具シリーズは、精密な製造技術と最高品質のステンレス鋼を融合させています。

Stoelting's premiere line of surgical instruments combines precision manufacturing with the highest-grade stainless steel.

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Material Reference Guide

General Cleaning & Sterilizing Techniques/一般的な洗浄・滅菌の手法



Spring Scissors スプリングシザーズ

Micro-Dissecting Spring Scissors



52130-00P

McPherson-Vannas Spring Scissors, 8.5cm (3.3in), 0.3mm Straight Tips

52130-01P

McPherson-Vannas Spring Scissors, 8.5cm (3.3in), 0.3mm Slightly Curved Tips



52130-02P

McPherson-Vannas Spring Scissors, 8.5cm (3.3in), 0.2mm Straight Tips



52130-03P

McPherson-Vannas Spring Scissors, 8.5cm (3.3in), 0.2mm Slightly Curved Tips



52130-10P

Vannas Spring Scissors, 8.5cm (3.3in), 0.3mm Straight Tips

52130-11P

Vannas Spring Scissors, 8.5cm (3.3in), 0.3mm Slightly Curved Tips



52130-18P

Vannas Spring Scissors, 8.5cm (3.3in), 0.3mm Side Angled Tips

52130-19P

Vannas Spring Scissors, 8.5cm (3.3in), 0.3mm Bent Tips



52130-20P

Vannas Spring Scissors, 8.25cm (3.2in), 0.1mm Straight Tips

Micro-Dissecting Spring Scissors



52130-31P
McPherson-Vannas Spring Scissors, 10cm (3.9in), 0.3mm Slightly Curved Tips

52130-50P
Castroviejo Scissors, 9.5cm(3.7in), 0.3mm Straight Tips



52130-58P
Castroviejo Scissors, 9.5cm(3.7in), 0.3mm Angled Tips



Micro Dissecting Vannas Spring Scissors

Item	Product
52130-00	McPherson-Vannas 5X, .15mm Str
52130-00P	McPherson-Vannas Spring Scissors, 8.5cm, 0.3mm tip, Straight
52130-01	McPherson – Vannas 5X, .15mm CRV
52130-01P	McPherson-Vannas Spring Scissors, 8.5cm, 0.3mm Tip, Slt Curv
52130-02	McPherson-Vannas 5X, .1mm Str
52130-02P	McPherson-Vannas Spring Scissors, 8.5cm, 0.2mm Tip, Straight
52130-03	McPherson-Vannas 5X, .1mm CRV
52130-03P	McPherson-Vannas Spring Scissors, 8.5mm, 0.2mm Tip, Slt Curv
52130-04	McPherson-Vannas 3X, .1mm Str
52130-05	McPherson-Vannas 3X, .1mm CRV
52130-10	Vannas Spring Scissors, 3mm tip, 0.15mm Str
52130-10P	Vannas Spring Scissors, 8.5cm, 3mm blade, 0.15mm tip, Str
52130-11	Vannas Spring Scissors, 3mm tip, 0.15mm, curved
52130-11P	Vannas Spring Scissors, 8.5cm, 0.3mm Tip, Slight Curve
52130-18	Vannas Spring Scissors, 3mm tip, 0.15mm, angled on edge
52130-18P	Vannas Spring Scissors, 8.5cm, 0.3mm Tip, Side Angled
52130-19	Vannas Spring Scissors, 3mm tip, 0.15mm, Ang on Flat
52130-19P	Vannas Spring Scissors, 8.5cm, 0.3mm Tip, Bent
52130-20	Vannas Spring Scissors, 3mm tip, 0.1mm, Straight
52130-20P	Vannas Spring Scissors, 8.25cm, 0.1mm Tip, Straight
52130-21	Vannas Spring Scissors, 3mm tip, 0.1mm, curved
52130-30	McPherson-Vannas Spring Scissors, 6mm, 0.15mm, Straight
52130-31	McPherson-Vannas Spring Scissors, 6mm, 0.15mm curved
52130-31P	McPherson-Vannas Spring Scissors, 10cm, 0.3mm Tip, Slt Curve
52130-50	Castroviejo Scissors, 9 X 0.15mm tip, Straight, Sharp
52130-50P	Castroviejo Scissors, 9.5cm, 0.3mm Tip, Straight
52130-51	Castroviejo 9X.15mm Straight, S/S Sure Cut
52130-52	Castroviejo 9X0.15mm Angled S/S, One Ball Point
52130-53	Castroviejo 9X.15mm Angled S/S, Sure Cut
52130-58	Castroviejo Scissors, 9 X 0.15mm, Angled, Sharp
52130-58P	Castroviejo Scissors, 9.5cm, 0.3mm Tip, Angled

Micro dissecting other spring scissors



52130-50P

Castroviejo Scissors, 9.5cm (3.7in), 0.3mm Straight Tips

52130-58P

Castroviejo Scissors, 9.5cm (3.7in), 0.3mm Angled Tips



Micro dissecting other spring scissors

Item	Product
52130-50	Castroviejo Scissors, 9 X 0.15mm tip, Straight, Sharp
52130-50P	Castroviejo Scissors, 9.5cm, 0.3mm Tip, Straight
52130-51	Castroviejo 9X.15mm Straight, S/S Sure Cut
52130-52	Castroviejo 9X0.15mm Angled S/S, One Ball Point
52130-53	Castroviejo 9X.15mm Angled S/S, Sure Cut
52130-58	Castroviejo Scissors, 9 X 0.15mm, Angled, Sharp
52130-58P	Castroviejo Scissors, 9.5cm, 0.3mm Tip, Angled
52130-59	Castroviejo Scissors, 9 X 0.15mm, Angled, Blunt
52130-60	Castroviejo Scissors, 3.75 inch, Curved, Sharp
52130-61	Castroviejo Scissors, 3.5 inch, Curved, Blunt
52130-62	Noyes Scissors, 4.5 inch, 13mm, Angled, Blunt
52130-63	Noyes Scissors, 4.5 inch, Slight Curve, Sharp
52130-64	Noyes Scissors, 4.5 inch, Straight, Sharp
52130-64C	Noyes Scissors, 4.5in, Straight, S/S, Sure Cut
52130-65	Noyes Scissors, 4.5 inch, Straight, Sharp-Blunt
52130-66	Noyes Scissors, 4.5 inch, Straight, Blunt-Blunt
52130-67	Micro Dissecting Scissors, 6 inch, Straight, 8mm X .15mm tip
52130-68	Micro Dissecting Scissors, 6 inch, Curved, 8mm X .15mm tip
52130-69	Micro Dissecting Scissors, 6 inch, Straight, 6mm X .15mm tip
52130-70	Micro Dissecting Scissors, 6 inch, Curved, 6mm X .15mm tip
52130-71	Noyes Spring Scissors, 4.75 inch, Angled on Flat, 12mm
52130-72	DeWecker Scissors, 4.25 inch, 7mm, Sharp-Sharp
52130-74	Micro-Mini Pencil Scissors, Vertical 2.5 X 0.15mm
52130-75	Micro-Mini Pencil Scissors, Horizontal 2.5 X 0.15mm
52130-76	Micro-Mini Pencil Scissors, Angled 2.5 X 0.15mm
52132-02	Micro Dissecting Scissors, 3.5 inch, Straight, 20mm, Sharp
52132-02P	Micro Dissecting Scissors, 3.5 inch, Straight, 20mm, Sharp
52132-03	Micro Dissecting Scissors, 3.5 inch, Curved, 20mm, Sharp
52132-03P	Micro Dissecting Scissors, 3.5in, Curved, Sharp

Dissecting Scissors 手術用ハサミ

Mayo Scissors



52136-50P

**Mayo Scissors, 14.6cm (5.75in),
Straight Blades**



52136-52

**Mayo Scissors, 14cm (5.5in),
Curved**



52136-55P

**Mayo Scissors, 17cm (6.75in),
Straight, Left-Handed Blades**



52136-60P

**Mayo Scissors, 14.6cm (5.75in),
Straight**



52136-61P

**Mayo Scissors, 14cm (5.5in),
Curved**

Mayo Scissors

Item	Product
52136-50	Mayo Scissors 5.5in Straight
52136-50P	Mayo Scissors, 5.75in, Straight
52136-51	Mayo Scissors 5.5in Straight, Surecut
52136-52	Mayo Scissors 5.5in Curved
52136-52P	Mayo Scissors, 5.75in, Curved
52136-53	Mayo Scissors 5.5in Curved, Surecut
52136-54	Mayo Scissors 6.75in Straight
52136-55	Mayo Scissors 6.75in Straight, Left-Handed
52136-55P	Mayo Scissors, 6.75in, Straight, Left-Handed
52136-56	Mayo Scissors 6.75in Straight, Surecut
52136-57	Mayo Scissors 6.75in Curved
52136-58	Mayo Scissors 9in Straight, Surecut
52136-59	Mayo Scissors 9in Curved, Surecut
52136-60	Mayo Scissors 5.5in Straight Carbide
52136-60P	Mayo Scissors, 5.5in, Straight
52136-61	Mayo Scissors 5.5in Curved Carbide
52136-61P	Mayo Scissors, 5.5in, Curved
52136-62	Mayo Scissors 6.75in Straight Carbide
52136-63	Mayo Scissors 6.75in Curved Carbide
52136-64	Mayo-Stille Scissors 5.5in Round Straight
52136-65	Mayo-Stille Scissors 5.5in Round Curved
52136-66	Mayo-Stille Scissors 6.75in Round Straight
52136-67	Mayo-Stille Scissors 6.75in Round Curved
52136-68	Mayo-Noble Scissors 6.5in Straight
52136-69	Mayo-Noble Scissors 6.5in Curved
52140-70	Mayo Scissors, 43mm tip, 5.5 in.

Straight-bladedのMayo scissorsメイヨハサミは、創面の近くにある体組織を切断するために設計されています。

湾曲刃のMayo scissorsミは、直刃のタイプよりも創内に深く挿入することができます。

湾曲型のMayo scissorsは、厚い組織を切断するために使用されます。

Carbide(Tungsten Carbide):

ステンレス製のハサミよりも5倍も丈夫で、はるかに長持ちします。

Forget something?

器具を15秒で滅菌できる「Stoelting ドライガラスビーズ滅菌器」は必要ありませんか？

「**Surgical Accessories**」のページをご覧ください。

Item : #50287

Product : Dry Glass Bead Sterilizer



Metzenbaum Scissors



52134-01P
Metzenbaum Dissecting Scissors, 12.75cm (5in), Straight, Blunt Blades

52142-50P
Metzenbaum Scissors, 14.6cm (5.75in), Straight, Blunt Blades



Metzenbaum Scissors

Item	Product
52134-01P	Metzenbaum Dissecting Scissors, 5in, Straight, Blunt
52134-01	Metzenbaum Dissecting Scissors, 5 inch, Straight, Blunt
52134-02	Metzenbaum Dissecting Scissors, 5 inch, Str.,Blunt, SURE CUT
52134-03	Metzenbaum Dissecting Scissors, 5 inch, Curved, Blunt
52134-04	Metzenbaum Dissecting Scissors, 5 inch, Crv., Blunt,SURE CUT
52142-50P	Metzenbaum Scissors, 5.75in
52142-50	Metzenbaum Scissors, 5.5 in.
52142-51	Metzenbaum (Lahey) Scissors, 5.75 in., curved
52142-52	Metzenbaum (Lahey) Scissors, 7 in.
52142-53	Metzenbaum Scissors, 7 in., curved
52142-55	Metzenbaum Scissors,7 in.,curved,carbide
52142-56	Metz. Scissors,7 in.,curved,carbide, extra delicate
52142-57	Metzenbaum Scissors,7 in.,curved, extra fine
52142-59	Metzenbaum Scissors,5.75 in.,curved, extra-delicate
52142-60	Metzenbaum (Lahey) Scissors, 5.75 in, Curved, Surecut
52142-61	Metzenbaum Scissors, 7 in, Straight, Left-Handed
52142-62	Metzenbaum Scissors, 7 in, Curved, Left-Handed
52142-63	Metzenbaum (Lahey) Scissors, 7 in, Curved, Surecut
52142-64	Metzenbaum Scissors, 7 in, Curved, Surecut, Delicate
52142-65	Metzenbaum (Lahey) Scissors, 7 in, Curved, Surecut, Carbide
52142-66	Metzenbaum (Lahey) Scissors, 5.75 in, Curved, Carbide
52142-73	Metzenbaum Scissors, 9 in., curved *DISCONTINUED

Metzenbaum scissorsは、繊細な組織を切開するために設計された外科用scissorsです。このscissorsは長さが様々で、柄と刃の長さの比率が比較的長くなっています。

Straight Dissecting Scissors



52132-01P
BONN Scissors, 8.25cm(3.25in),
Curved, Sharp



52132-02P
Micro Dissecting Scissors, 8.5cm (3.5 in),
Straight, 20mm, Sharp



52132-03P
Micro Dissecting Scissors, 8.5cm(3.5in),
Curved, Sharp



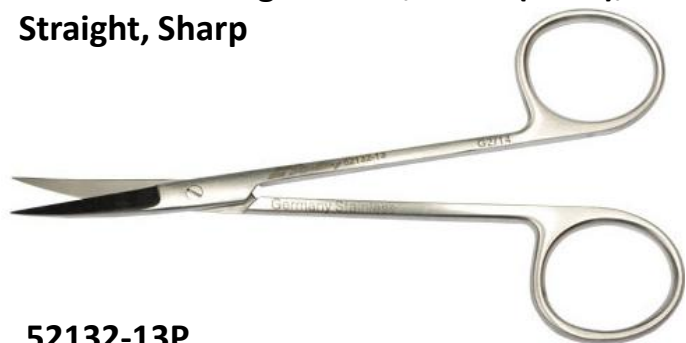
52132-04P
Bonn Scissors, 8.5cm (3.5in),
Straight, StrongCut



52132-10P
Micro Dissecting Scissors, 8.5cm(3.5in),
Straight, Sharp



52132-11P
Micro Dissecting Scissors, 8.5cm(3.5 in),
Curved, 23mm, Sharp



52132-13P
Micro Dissecting Scissors, 11.4cm(4.5 in),
Curved, 24mm, Sharp



52132-22P
Micro Dissecting Scissors, 10.8cm (4.25 in),
Straight, 24mm, Sharp



52132-23P
Micro Dissecting Scissors, 10.8cm(4.25in),
Curved, Sharp



52132-29P
Micro Dissecting Scissors, 11.4cm (4.5in),
Straight

Straight Dissecting Scissors



52132-51P
Micro Dissecting Scissors, 8.5cm (3.5in),
Curved, S/S, smooth cut



52134-82P
Micro Scissors, 11.4cm(4.5in),
Slight Curve, Blunt/Blunt

Straight Dissecting Scissors

Item	Product
52132-00	BONN Scissors, 3.5 inch, Straight, 15mm blades, Sharp
52132-01	BONN Scissors, 3.5 inch, Curved, 15mm blades, Sharp
52132-01P	BONN Scissors, 3.25in, Curved, Sharp
52132-02	Micro Dissecting Scissors, 3.5 inch, Straight, 20mm, Sharp
52132-02P	Micro Dissecting Scissors, 3.5 inch, Straight, 20mm, Sharp
52132-03	Micro Dissecting Scissors, 3.5 inch, Curved, 20mm, Sharp
52132-03P	Micro Dissecting Scissors, 3.5in, Curved, Sharp
52132-04	Bonn Scissors, 3.5in Straight, 15mm, S/S, Sure Cut
52132-04P	Bonn Scissors, 3.5in Straight, StrongCut
52132-10	Micro Dissecting Scissors, 3.5 inch, Straight, 23mm, Sharp
52132-10P	Micro Dissecting Scissors, 3.5in, Straight, Sharp
52132-11	Micro Dissecting Scissors, 3.5 inch, Curved, 23mm, Sharp
52132-11P	Micro Dissecting Scissors, 3.5 inch, Curved, 23mm, Sharp
52132-12	Micro Dissecting Scissors, 4.5 inch, Straight, 24mm, Sharp
52132-13	Micro Dissecting Scissors, 4.5 inch, Curved, 24mm, Sharp
52132-13P	Micro Dissecting Scissors, 4.5 inch, Curved, 24mm, Sharp
52132-22	Micro Dissecting Scissors, 4 inch, Straight, 24mm, Sharp
52132-22P	Micro Dissecting Scissors, 4.25 inch, Straight, 24mm, Sharp
52132-23	Micro Dissecting Scissors, 4 inch, Curved, 24mm, Sharp
52132-23P	Micro Dissecting Scissors, 4.25in, Curved, Sharp
52132-25	Micro Dissecting Scissors, 4.5 inch, Straight, SURE CUT
52132-26	Micro Dissecting Scissors, 4.5 inch, Curved, Left-handed
52132-27	Micro Dissecting Scissors, 4.5 inch, Curved, SURE CUT
52132-28	Micro Dissecting Scissors, 4.5 inch, Straight, Sharp
52132-29	Micro Dissecting Scissors, 4.5 inch, Straight
52132-29P	Micro Dissecting Scissors, 4.5in, Straight
52132-30	Micro Dissecting Scissors, 4.5 inch, Curved, Sharp
52132-31	Micro Dissecting Scissors, 4.5 inch, Curved, TC, SURE CUT
52132-32	Micro Dissecting Scissors, 4.5 inch, Angled, Sharp
52132-33	Micro Dissecting Scissors, 4.5 inch, Side Curve, Sharp
52132-40	Stevens Dissecting Scissors, 4.25 inch, Straight, Sharp
52132-41	Stevens Dissecting Scissors, 4.25 inch, Curved, Sharp

Straight Dissecting Scissors

Item	Product
52132-42	Stevens Dissecting Scissors, 4.25 inch, Straight, Blunt
52132-43	Stevens Dissecting Scissors, 4.25 inch, Curved, Blunt
52132-44	Micro Dissecting Scissors, 3.5in, Straight, S/S
52132-44P	Micro Dissecting Scissors, 3.5in, Straight, S/S, StrongCut
52132-45	Micro Dissecting Scissors, 3.5in Straight, S/S, SC
52132-46	Micro Dissecting Scissors, 3.5in, Straight, S/S, SC CER
52132-47	Micro Dissecting Scissors, 3.5in, Curved, S/S
52132-48	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC
52132-49	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC CER
52132-50	Micro Dissecting Scissors, 3.5in, Straight, S/S, Sure Cut
52132-51	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC
52132-51P	Micro Dissecting Scissors, 3.5in, Curved, S/S, smooth cut
52132-53	Micro Dissecting Scissors, 4.5in, Curved, S/S, Ceramic
52134-80	Micro Dissecting Scissors 4inch Straight B/B
52134-82	Micro Scissors, 4.5 in., straight B/B
52134-82P	Micro Scissors, 4.5in, Slight Curve, Blunt/Blunt
52134-83	Micro Scissors, 4.5 in., 25mm, curved B/B
52134-84	Micro Scissors, 4.5 in., 25mm, carbide
52134-85	Micro Scissors, 4.5in, 25mm, curved, carbide
52134-90	Micro Scissors, 4 in., probe point
52134-94	Delicate Operating Scissors, 4.75in Straigh, S/B, 30 mm tip

Curved and Angled Dissecting Scissors



52132-01P
BONN Scissors, 8.2cm (3.25in),
Curved, Sharp



52132-03P
Micro Dissecting Scissors, 8.5cm(3.5in),
Curved. Sharp



52132-11P
Micro Dissecting Scissors, 8.5cm (3.5 in),
Curved, 23mm, Sharp



52132-13P
Micro Dissecting Scissors, 11.5cm(4.5in),
Curved, 24mm, Sharp

Curved and Angled Dissecting Scissors



52132-23P
Micro Dissecting Scissors, 10.8cm (4.25in),
Curved, Sharp



52132-35P
O'Brien Dissecting Scissors, 9.5cm (3.75in),
Angular



52132-41P
Stevens Dissecting Scissors, 10.8cm (4.25 in),
Curved, Sharp



52132-43P
Stevens Dissecting Scissors, 10.8cm(4.25in),
Curved, Blunt



52132-51P
Micro Dissecting Scissors, 9cm (3.5in),
Curved, S/S, smooth cut

For a more precise cut, try our **Smooth Cut Scissors!**

Curved and Angled Dissecting Scissors

Item	Product
52132-01	BONN Scissors, 3.5 inch, Curved, 15mm blades, Sharp
52132-01P	BONN Scissors, 3.25in, Curved, Sharp
52132-03	Micro Dissecting Scissors, 3.5 inch, Curved, 20mm, Sharp
52132-03P	Micro Dissecting Scissors, 3.5in, Curved, Sharp
52132-11	Micro Dissecting Scissors, 3.5 inch, Curved, 23mm, Sharp
52132-11P	Micro Dissecting Scissors, 3.5 inch, Curved, 23mm, Sharp
52132-13	Micro Dissecting Scissors, 4.5 inch, Curved, 24mm, Sharp
52132-13P	Micro Dissecting Scissors, 4.5 inch, Curved, 24mm, Sharp
52132-15	Large Ring Dissecting Scissors, 3.75 inch, Curved, S/S
52132-17	Large Ring Dissecting Scissors, 4 inch, Curved, S/S
52132-18	Wilmer Dissecting Scissors, 4 inch, Angled on Flat, S/S
52132-19	Large Ring Dissecting Scissors, 4 inch, Curved, 19mm blade

Curved and Angled Dissecting Scissors

Item	Product
52132-20	Biro Dissecting Scissors, 4 inch, Angled on Flat, Sharp
52132-21	Gradle Dissecting Scissors, 4 inch, Slight Curve, Sharp
52132-23	Micro Dissecting Scissors, 4 inch, Curved, 24mm, Sharp
52132-23P	Micro Dissecting Scissors, 4.25in, Curved, Sharp
52132-26	Micro Dissecting Scissors, 4.5 inch, Curved, Left-handed
52132-27	Micro Dissecting Scissors, 4.5 inch, Curved, SURE CUT
52132-30	Micro Dissecting Scissors, 4.5 inch, Curved, Sharp
52132-31	Micro Dissecting Scissors, 4.5 inch, Curved, TC, SURE CUT
52132-32	Micro Dissecting Scissors, 4.5 inch, Angled, Sharp
52132-33	Micro Dissecting Scissors, 4.5 inch, Side Curve, Sharp
52132-34	La Grange Dissecting Scissors, 4.5 inch, Double Curve, S/S
52132-35	Obrien Dissecting Scissors, 3.75 inch, Angular, 14mm blade
52132-35P	O'Brien Dissecting Scissors, 3.75in, Angular
52132-36	McGuire Dissecting Scissors, 4 inch, Right
52132-41	Stevens Dissecting Scissors, 4.25 inch, Curved, Sharp
52132-41P	Stevens Dissecting Scissors, 4.25 inch, Curved, Sharp
52132-43	Stevens Dissecting Scissors, 4.25 inch, Curved, Blunt
52132-43P	Stevens Dissecting Scissors, 4.25 inch, Curved, Blunt
52132-47	Micro Dissecting Scissors, 3.5in, Curved, S/S
52132-48	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC
52132-49	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC CER
52132-51	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC
52132-51P	Micro Dissecting Scissors, 3.5in, Curved, S/S, smooth cut
52132-53	Micro Dissecting Scissors, 4.5in, Curved, S/S, Ceramic
52134-03	Metzenbaum Dissecting Scissors, 5 inch, Curved, Blunt
52134-04	Metzenbaum Dissecting Scissors, 5 inch, Crv., Blunt,SURE CUT
52134-05	Ragnell Dissecting Scissors, 5 inch, Curved, Blunt
52134-06	Micro Dissecting Scissors, 5 inch, Light Curve, Blunt
52134-07	Potts-Smith Dissecting Scissors, 7 inch, 45 deg Angle, 13mm
52134-09	Kelly Dissecting Scissors, 6.25 inch, Curved, Sharp
52134-10	Kelly Dissecting Scissors, 6.25 inch, Angled, Sharp
52134-78	Knapp Scissors 4inch Curved S/B
52134-79	Knapp Scissors 4inch Curved B/B
52134-83	Micro Scissors, 4.5 in., 25mm, curved B/B
52134-85	Micro Scissors,4.5in,25mm,curved,carbide
52134-87	Micro Dissecting Scissors 4.25 inch Curved B/B Left
52134-81	Micro Dissecting Scissors 4inch Curved B/B
52134-91	Micro Dissecting Scissors 4.5 inch Angled Probe

Operating Scissors 手術用ハサミ

Straight Operating Scissors: Blunt/Blunt Blades



52138-03P
Operating Scissors, 12.75cm(5 in),
Straight, Blunt

52138-15P
Operating Scissors, 14.5cm(5.7in),
Straight, Blunt/Blunt



52138-27P
Operating Scissors, 16.5cm(6.5in),
Straight, Blunt Tips



52134-45P
Light Operating Scissors, 12cm (4.75in),
Straight, Blunt/Blunt



52134-45P
Light Operating Scissors, 12cm (4.75in),
Straight, Blunt/Blunt



Straight Operating Scissors: Blunt/Blunt Blades

Item	Product
52138-03	Operating Scissors 4.5in Straight Blunt tips
52138-03P	Operating Scissors, 5 in, Straight, Blunt
52138-09	Operating Scissors 5in Straight Blunt tips
52138-15	Operating Scissors 5.5in Straight Blunt tips
52138-15P	Operating Scissors, 5.7in, Straight, Blunt/Blunt
52138-21	Operating Scissors 6in Straight Blunt tips
52138-27	Operating Scissors 6.5in Straight Blunt tips
52138-27P	Operating Scissors, 6.5in, Straight, Blunt Tips
52134-45	Light Operating Scissors, 5 inch, Straight, B/B
52134-45P	Light Operating Scissors, 4.75in, Straight, Blunt/Blunt
52138-48	Doyen Abdominal Scissors 7in Straight
52142-75	Kahn Scissors 5.75in, Straight

Straight Operating Scissors: Sharp/Blunt Blades



52134-41P
Light Operating Scissors, 12.75cm (5 in),
Straight, Sharp/Blunt

52136-00P
General Operating Scissors, 12.1cm(4.75 in)



52136-06
General Operating Scissors, 12.75cm(5 in).



52136-12P
General Operating Scissors, 14.5cm(5.75 in).



52136-30P
General Operating Scissors, 19cm(7.5in).



Straight Operating Scissors: Sharp/Blunt Blades

Item	Product
52134-41	Light Operating Scissors, 5 inch, Straight, Sharp/Blunt
52134-41P	Light Operating Scissors, 5 inch, Straight, Sharp/Blunt
52134-47	Deaver Operating Scissors, 5.5 inch, Straight, S/B
52134-51	Perma-Set Scissors 5.5inch Straight S/B
52134-94	Delicate Operating Scissors, 4.75in Straigh, S/B, 30 mm tip
52136-00	General Operating Scissors, 4.5 in. S/B
52136-00P	General Operating Scissors, 4.75 in.
52136-06	General Operating Scissors, 5 in. S/B
52136-06P	General Operating Scissors, 5 in.
52136-12	General Operating Scissors, 5.5 in. S/B
52136-12P	General Operating Scissors, 5.75 in.
52136-13	General Operating Scissors, 5.5 in Straight S/B Surecut
52136-18	General Operating Scissors, 6 in. S/B
52136-24	General Operating Scissors, 6.5 in. S/B
52136-30	General Operating Scissors, 7.5 in. S/B
52136-30P	General Operating Scissors, 7.5in
52136-31	Operating Scissors, 5.5in Straight, S/B Carbide

Strong Cut Scissors



52132-04P
Bonn Scissors, 8.5cm (3.5in),
Straight, Strong Cut



52132-06P
Bonn Scissors, 8.5cm(3.5in),
Straight, 15mm, S/S, smooth cut

52132-51P
Micro Dissecting Scissors, 8.5cm (3.5in),
Curved, S/S, smooth cut

Strong Cut Scissors

Item	Product
52130-51	Castroviejo 9X.15mm Straight, S/S Sure Cut
52130-53	Castroviejo 9X.15mm Angled S/S, Sure Cut
52130-64C	Noyes Scissors, 4.5in, Straight, S/S, Sure Cut
52132-04	Bonn Scissors, 3.5in Straight, 15mm, S/S, Sure Cut
52132-04P	Bonn Scissors, 3.5in Straight, StrongCut
52132-05	Bonn Scissors, 3.5in Straight, 15mm, S/S, Ceramic
52132-06	Bonn Scissors, 3.5in Straight, 15mm, S/S, Sure Cut
52132-06P	Bonn Scissors, 3.5in Straight, 15mm, S/S, smooth cut
52132-25	Micro Dissecting Scissors, 4.5 inch, Straight, SURE CUT
52132-27	Micro Dissecting Scissors, 4.5 inch, Curved, SURE CUT
52132-31	Micro Dissecting Scissors, 4.5 inch, Curved, TC, SURE CUT
52132-45	Micro Dissecting Scissors, 3.5in Straight, S/S, SC
52132-46	Micro Dissecting Scissors, 3.5in, Straight, S/S, SC CER
52132-48	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC
52132-49	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC CER
52132-50	Micro Dissecting Scissors, 3.5in, Straight, S/S, Sure Cut
52132-51	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC
52132-51P	Micro Dissecting Scissors, 3.5in, Curved, S/S, smooth cut
52132-52	Misco Dissecting Scissors, 4.5in, Straight, S/S, Ceramic
52132-53	Micro Dissecting Scissors, 4.5in, Curved, S/S, Ceramic
52134-02	Metzenbaum Dissecting Scissors, 5 inch, Str.,Blunt, SURE CUT
52134-04	Metzenbaum Dissecting Scissors, 5 inch, Crv., Blunt,SURE CUT
52136-13	General Operating Scissors, 5.5 in Straight S/B Surecut
52136-44	Operating Scissors, 5.5in Curved, S/B Surecut

Strong Cut Scissors

Item	Product
52136-51	Mayo Scissors 5.5in Straight, Surecut
52136-53	Mayo Scissors 5.5in Curved, Surecut
52136-56	Mayo Scissors 6.75in Straight, Surecut
52136-58	Mayo Scissors 9in Straight, Surecut
52136-59	Mayo Scissors 9in Curved, Surecut
52142-60	Metzenbaum (Lahey) Scissors, 5.75 in, Curved, Surecut
52142-63	Metzenbaum (Lahey) Scissors, 7 in, Curved, Surecut
52142-64	Metzenbaum Scissors, 7 in, Curved, Surecut, Delicate
52142-65	Metzenbaum (Lahey) Scissors, 7 in, Curved, Surecut, Carbide

Strong Cut™ハサミは、さまざまな種類の組織をスムーズかつ簡単に切断できるよう設計されています。

このハサミの特長は、片方の刃に切断面に対して垂直な微細なギザギザが施され、もう片方の刃はカミソリのように鋭く研がれている点にあります。

通常ハサミの切断面は、2つの直角の面から構成されています。

[Check out our selection of Gold Handle Instruments!](#)



Tungsten Carbide Scissors



52132-04P
Bonn Scissors, 8.5cm (3.5in),
Straight, StrongCut



52132-29P
Micro Dissecting Scissors, 11.5cm (4.5in),
Straight



52136-60P
Mayo Scissors, 14cm(5.5in),
Straight



52136-61P
Mayo Scissors, 14cm(5.5in),
Curved

Tungsten Carbide Scissors

Item	Product
52132-04	Bonn Scissors, 3.5in Straight, 15mm, S/S, Sure Cut
52132-04P	Bonn Scissors, 3.5in Straight, StrongCut
52132-05	Bonn Scissors, 3.5in Straight, 15mm, S/S, Ceramic
52132-07	Bonn Scissors, 3.5in Straight, 15mm, S/S
52132-28	Micro Dissecting Scissors, 4.5 inch, Straight, Sharp
52132-29	Micro Dissecting Scissors, 4.5 inch, Straight
52132-29P	Micro Dissecting Scissors, 4.5in, Straight
52132-30	Micro Dissecting Scissors, 4.5 inch, Curved, Sharp
52132-31	Micro Dissecting Scissors, 4.5 inch, Curved, TC, SURE CUT
52132-44	Micro Dissecting Scissors, 3.5in, Straight, S/S
52132-44P	Micro Dissecting Scissors, 3.5in, Straight, S/S, StrongCut
52132-45	Micro Dissecting Scissors, 3.5in Straight, S/S, SC
52132-46	Micro Dissecting Scissors, 3.5in, Straight, S/S, SC CER
52132-47	Micro Dissecting Scissors, 3.5in, Curved, S/S
52132-48	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC
52132-49	Micro Dissecting Scissors, 3.5in, Curved, S/S, SC CER
52132-52	Misco Dissecting Scissors, 4.5in, Straight, S/S, Ceramic
52132-53	Micro Dissecting Scissors, 4.5in, Curved, S/S, Ceramic
52134-84	Micro Scissors, 4.5 in., 25mm, carbide
52134-85	Micro Scissors,4.5in,25mm,curved,carbide
52136-31	Operating Scissors, 5.5in Straight, S/B Carbide
52136-32	Operating Scissors, 5.5in Straight, S/S Carbide
52142-65	Metzenbaum (Lahey) Scissors, 7 in, Curved, Surecut, Carbide
52136-60	Mayo Scissors 5.5in Straight Carbide
52136-60P	Mayo Scissors, 5.5in, Straight
52136-61	Mayo Scissors 5.5in Curved Carbide
52136-61P	Mayo Scissors, 5.5in, Curved
52136-62	Mayo Scissors 6.75in Straight Carbide
52136-63	Mayo Scissors 6.75in Curved Carbide
52142-66	Metzenbaum (Lahey) Scissors, 5.75 in, Curved, Carbide
52142-55	Metzenbaum Scissors,7 in.,curved,carbide
52142-56	Metz. Scissors,7 in.,curved,carbide, extra delicate

Tungsten carbideはステンレス鋼の5倍の硬度を持っています。

刃にTungsten carbideのインサートが施されたハサミは、ステンレス製のハサミよりもはるかに長持ちします。

Tungsten carbide製のハサミは、軟骨の切断や、剖検研究などで繰り返し行う切断作業に特に適しています。

Carbide(Tungsten Carbide):

ステンレス製のハサミよりも5倍も丈夫で、はるかに長持ちします。

Fine Forceps 精密ピンセット

Fine Forceps



52102-02P
McPherson Forceps, 8.5cm(3.5in),
Angled Tying



52102-13P
Graefe Forceps, 7.25cm(2.85in),
Straight, Cross Serrated



52102-15P
Graefe Forceps, 7.25cm(2.875in),
1x2 Teeth, Straight



52102-30P
Micro Forceps, 10.2cm(4in),
Straight, Serrated, 0.8mm



52102-32P
Micro Forceps, 10.2cm(4in),
Straight, Serrated, 0.5mm



52102-36P
Micro Forceps, 10.2cm(4in),
Slight Curve, 0.5mm



52102-37P
Micro Forceps, 10.2cm(4in),
Full Curve, 0.8mm



52102-38P
Micro Dissecting Forceps, 10.2cm(4in),
Full Curve, 0.5mm



52102-39P
Micro Dissecting Forceps, 10.2cm(4in),
Serrated Angle, 0.8mm



52102-41P
Micro Dissecting Forceps, 10.2cm(4in),
1X2 Teeth, 0.5



52102-54P
Moloney Forceps, 11.75cm(4.6in),
Slight Curve, Serrat



52102-60P
Graefe Forceps, 10.2cm(4in)
, Full Curve, 1X2 Teeth, 0.5mm



52102-79P
McCullough Forceps, 9.8cm(3.85in),
Cross Serrated, 1.5mm



52102-80P
Bonnacolto Forceps, 10.2cm(4in),
1.2mm, Cross Serrated

Fine Forceps



52102-81P

**Bracken Iris Forceps, 10.2cm(4in),
Curved, Fine, Cross Serrated**

52102-82P

**Nugent Forceps, 10.8cm(4.25in),
Angled, Smooth, 1.2mm**

Fine Forceps

Item	Product
52102-01	McPherson Forceps 4in Straight Tying
52102-02	McPherson Forceps 3.5in Angled Tying
52102-02P	McPherson Forceps 3.5in, Angled Tying
52102-03	Micro Dissecting Forceps 3.5 in Straight Fine Point
52102-04	Micro Dissecting Forceps 3.5 in X-Action Fine Point
52102-06	Micro Dissecting Forceps 4 in Straight Fine Sharp
52102-07	Micro Dissecting Forceps 4 in Angle Fine Sharp
52102-08	Harms Forceps 4 in Straight with Platform
52102-09	Harms Forceps 4 in Curved with Platform
52102-10	Foerster Forceps 4 in Serrated Straight .5mm
52102-12	Foerster Forceps 4 in 1x2 Straight.5mm
52102-12C	Foerster Fcps 4in 1X2 CRV, .5mm Tip
52102-13	Graefe Forceps 2.75 in Serrated Straight
52102-13P	Graefe Forceps, 2.85in, Straight, Cross Serrated
52102-14	Graefe Forceps 2.75 in Serrated Curved
52102-15	Graefe Forceps 2.75 in 1x2 Straight
52102-15P	Graefe Forceps, 2.875in, 1x2 Teeth, Straight
52102-16	Graefe Forceps 2.75 in 1x2 Curved
52102-30	Micro Forceps, 4in, serrat str, 0.8mm tip
52102-30P	Micro Forceps, 4in, Straight, Serrated, 0.8mm
52102-32	Micro Forceps, 4in, serrat, delicate 0.5mm
52102-32P	Micro Forceps, 4in, Straight, Serrated, 0.5mm
52102-35	Micro Forceps, 4in, serrat curved, 0.8mm
52102-35P	Micro Forceps, 4in, Curved, Serrated, 0.8mm
52102-36	Micro Forceps, 4in, serrat curved, 0.5mm
52102-36P	Micro Forceps, 4in, Slight Curve, 0.5mm
52100-37	No.3 Dumont forceps, DUMOSTAR
52102-37P	Micro Forceps, 4in, Full Curve, 0.8mm
52102-38	Micro Dissecting Forceps, 4in, full curve, 0.5mm
52102-38P	Micro Dissecting Forceps, 4in, Full Curve, 0.5mm
52100-39	No.5 Dumont INOX forceps
52102-39P	Micro Dissecting Forceps, 4in, Serrated Angle, 0.8mm
52102-41	Micro Forceps, 4 in, 0.5 mm tip
52102-41P	Micro Dissecting Forceps, 4in, 1X2 Teeth, 0.5
52102-43	Micro Dissecting Forceps, 4 in, 1x2 0.5 mm, Slight Curve
52102-47	Gill Forceps 3in Fine Cross Serrated .6mm
52102-48	Gill Forceps 3in Curved 1x2 .6mm tip

Fine Forceps

Item	Product
52102-49	Botvin Forceps 3in Cross Serrated Tips .5mm
52102-50	Bonn Forceps 3in 1x2 .12mm Tying
52102-51	Bonn Forceps 2.75in Tying Platform
52102-54	Moloney Forceps, 5in, slight curve, serrat
52102-54P	Moloney Forceps, 4.6in, Slight Curve, Serrat
52102-60	Graefe Tissue Forceps 4in, F-CRV 1X2 Teeth, .5mm Tip
52102-60P	Graefe Forceps, 4in, Full Curve, 1X2 Teeth, 0.5mm
52102-72	Bonn forceps, 3.75in, 1X2 Teeth Tying Platform
52102-73	McPherson Forceps 3.5in 1x2 .2mm Tying Platform
52102-74	McPherson Forceps 4in Angled 1x2 teeth, Tying Platform
52102-75	Bishop-Harmon Forcep 3.25in Cross Serrated .5mm
52102-76	Bishop-Harmon Forcep 3.25in 1x2 .3mm
52102-79P	McCullough Forceps, 3.85in (9.8cm), Cross Serrated, 1.5mm
52102-80P	Bonnacolto Forceps, 4in, 1.2mm, Cross Serrated
52102-81P	Bracken Iris Forceps, 4in, Curved, Fine, Cross Serrated
52102-82P	Nugent Forceps, 4.25in, Angled, Smooth, 1.2mm
52104-30	Micro-Adson forceps, 4.75in, serrat

Material Reference Guide

The information below is provided to help compare the various alloys and their respective properties. Please note that not all tweezer patterns are available in all alloys.

CARBON STEEL: Carbon steel is one of the hardest tweezer steels. Carbon steel tips are very durable but because of this hardness, carbon steel tips are more brittle than some of the other steels. Carbon steel is also highly magnetic and stains easily.

TITANIUM: While not as hard as some of the other alloys, titanium tips are very flexible. Another unique property of titanium is that it is 33% lighter than other stainless alloys. Titanium is extremely corrosion and stain resistant, making it the preferred choice for salt water uses. Titanium also has a high heat resistance in excess of 400 degree Celcius and is completely non-magnetic.

STAINLESS STEEL: The common name for various alloys composed of carbon steel and chromium. Alloys considered stainless exhibit good stain resistance and have varying degrees magnetism.

INOX: Inox is a specific stainless alloy composed of carbon steel and chromium. Inox tips are more flexible than pure carbon steel but not as hard. Inox has good stain resistance and is magnetic.

DUMOXEL: Dumoxel is even more stain resistant than Inox and is highly corrosion resistant. Tweezers made from this alloy have very soft, flexible tips. Dumoxel is non-magnetic and exhibits high temperature resistance.

DUMOSTAR: This new alloy is a blend of steel, chromium, nickel, cobalt and has many of the best features of other alloys. Dumostar is heat resistant to over 500 degree Celcius and is completely non-magnetic. Dumostar is extremely corrosion resistant and is one of the harder alloys. Because of its unique composition, Dumostar tips are very flexible, are resistant to fatigue, and are capable of flexing far beyond other alloys without permanently deforming.

Vessel Cannulation Forceps



52100-65
Vessel Cannulation Forceps Dumont INOX .35mm OD

Vessel Cannulation Forceps

Item	Product
52100-65	Vessel Cannulation Forceps Dumont INOX .35mm OD
52100-66	Vessel Cannulation Forceps Dumont INOX .05mm OD
52100-67	Vessel Cannulation Forceps Dumont INOX 1mm OD

52100-65 for use with tubing of .35mm OD: Length 131mm; Tip Width .75mm; Tip Diameter .35mm

52100-66 for use with tubing of 0.5mm OD: Length 130mm; Tip Width .9mm; Tip Diameter .5mm

52100-67 for use with tubing of 1.0mm OD: Length 128mm; Tip Width 1.4mm; Tip Diameter 1.0mm

Vessel Cannulation Forcepsは、ほぼ同サイズの血管に細いプラスチックチューブを挿入する際に有用です。

中空の顎部がチューブを確実に把持し、変形させることなく保持します。

チューブの先端を血管の開口部へと誘導しつつ、不必要な動きによる損傷を防ぎます。

Vessel Dilation Forceps

Vessel Dilation Forceps

Item	Product
52100-05A	No. 5A Dilating Dumont INOX Size .20 X .16mm
52100-15C	No. PP Corneal Dumont INOX Tip Size .30 X .30mm

52100-05A Length 115mm; Straight Tip; Tip Width .2mm; Tip Diameter .16mm

52100-13D Length 135mm; Tip Angled 45 Degrees; Tip Width .2mm; Tip Diameter .16mm

These highly modified forceps have elongated, highly polished, parallel tips which are designed for controlled intraluminal vessel dilation.

DeBakey Tissue Forceps



52120-55
DeBakey Tissue Forceps, 15.2cm(6in), 2.5mm

DeBakey Tissue Forceps

Item	Product
52120-55	DeBakey Tissue Forceps, 6 inch, 2.5mm
52120-56	DeBakey Tissue Forceps, 6 inch, 1.5mm
52120-58	DeBakey Tissue Forceps, 8 inch, 1.5mm
52120-57	DeBakey Tissue Forceps, 8 inch, 2.5mm

DeBakey forceps are vascular forceps specially designed to grasp vascular tissue with minimal damage to the vessel. The design that minimizes the potential of damage is often described as atraumatic (meaning non-traumatic) and is used in other instruments as well.

Dumont Forceps/Tweezers Pattern #1



52100-01

No. 1 Dumont Stainless Steel Forceps,



52100-11

No.1 Dumont forceps, INOX,



52100-17

No.1 Dumont forceps, DUMOSTAR,

Dumont Forceps/Tweezers Pattern #1

Item	Product
52100-01	No. 1 Dumont Stainless Steel Forceps
52100-11	No.1 Dumont forceps, INOX
52100-17	No.1 Dumont forceps, DUMOSTAR

*Length 120mm

52100-01 : Tip .10 x .06mm

52100-11 : Tip .20 x .12mm

52100-17 : Tip .20 x .12mm

Dumont Forceps/Tweezers Pattern #2



52100-02

No. 2 Dumont Stainless Steel Forceps,



52100-02P

Stainless Steel Forceps, Straight,

Dumont Forceps/Tweezers Pattern #2

Item	Product
52100-02	No. 2 Dumont Stainless Steel Forceps
52100-21	No.2 Dumont forceps, INOX
52100-27	No.2 Dumont forceps, DUMOSTAR
52100-02P	Stainless Steel Forceps, Straight

*Length 120mm

52100-02/P : Tip .17 x .07mm

52100-21 : Tip .34 x .14mm

52100-27 : Tip .34 x .14mm

Dumont Forceps/Tweezers Pattern #3



52100-03

No. 3 Dumont Stainless Steel Forceps

Dumont Forceps/Tweezers Pattern #2

Item	Product
52100-03	No. 3 Dumont Stainless Steel Forceps
52100-03M	No. M3 Mini Dumont INOX Tip Size .08 X .04mm
52100-30	No.3C Dumont forceps, DUMOSTAR
52100-31	No.3 Dumont forceps, INOX
52100-32	No.3C Dumont forceps, DUMOSTAR BIOLOGIE
52100-35	No. 3C Dumont INOX Forceps
52100-37	No.3 Dumont forceps, DUMOSTAR
52100-38	No.3 Dumont forceps, DUMOSTAR (biolog)

*Length 120mm

52100-03 : Tip .08 x .04mm

52100-37 : Tip .17 x .10mm

52100-38 : Tip .08 x .04mm

52100-31 : Tip .17x .10mm

Dumont Forceps/Tweezers Pattern #4



52100-04

No. 4 Dumont Stainless Steel Forceps

Dumont Forceps/Tweezers Pattern #4

Item	Product
52100-04	No. 4 Dumont Stainless Steel Forceps
52100-41	No.4 Dumont forceps, INOX
52100-47	No.4 Dumont forceps, DUMOSTAR
52100-48	No.4 Dumont forceps, DUMOSTAR (biolog)

*Length 110mm

52100-04 Tip .06 x .02mm

52100-41 Tip .13 x .08mm

52100-47 Tip .13 x .08mm

52100-48 Tip .06 x .02mm

Dumont Forceps/Tweezers Pattern #5



52100-05

No. 5 Dumont Stainless Steel Forceps

Dumont Forceps/Tweezers Pattern #5

Item	Product
52100-05	No. 5 Dumont Stainless Steel Forceps, 0.05x0.01mm
52100-05C	No. 5 Ceramic Coat Dumont INOX Tip Size, 0.05x0.01mm
52100-05F	No. 5 Super Fine Dumont INOX Tip Size, 0.025x0.005mm
52100-09	No. 5/90 Dumont Stainless Steel Forceps, 0.05x0.01mm
52100-10	No. 5A Dumont INOX Size, 0.06x0.02mm
52100-33	No. N5 Dumont Cross Action Forceps INOX, 0.05x0.01mm
52100-39	No.5 Dumont INOX forceps, 0.01x0.06mm
52100-40	No.5/15 Dumont INOX forceps, 0.01x0.06mm
52100-52	No.5 Dumont forceps, INOX 45deg, 0.05x0.01mm
52100-53	No.5 Dumont forceps, DUMOXEL,0.1x0.06mm
52100-54	No. 55 Dumont Thin Tip INOX Forceps, 0.05x0.01mm
52100-57	No.5 Dumont forceps, DUMOSTAR, 0.01x0.06mm
52100-58	No. 5 Dumont forceps, DUMOSTAR (biolog), 0.05x0.01mm
52100-62	No. 5 Dumont Carbon Steel Forceps ,0.08x0.04mm
52100-72	No. 5 Dumont Titanium Forceps, tip, 0.05x0.01mm
52100-73	No. 5 Dumont Titanium Forceps, 0.10x0 06mm
52100-75	No. 5/45 Dumont Dumoxel Forceps, 0.01x0.06mm
52100-76	No. 5 Dumont Dumoxel Forceps, 0.05x0.01mm
52100-79P	Stainless Steel Forceps, Style 5, Straight,
52100-81	No. 5 Dumont Stainless Steel Forceps,Half-Curve, 0.02x0.06mm
52100-82	No. 55 Dumont Dumoxel Forceps,0.05x0.01mm

Pattern #5 Dumont Tweezers

Length 110mm

Pattern #5 45 degree angle Dumont Forceps

Length 109mm

Pattern# 5 90 degree angle Dumont Forceps

Length 106mm

Pattern #5 15 degree up Dumont Forceps

Length 105mm

Pattern #55 Dumont Forceps

Length 110mm

Pattern #5A Dumont Forceps

Length 115mm

Pattern #N5 Cross Action Super Fine Points Dumont Forceps

Length 108mm

Standard vs. Biologie Tip

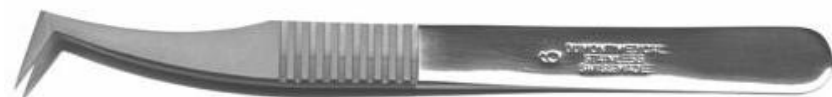
The "biologie" tip style is generally the finest forceps tip for any forceps pattern.

"Biologie" tips are about twice as fine as "standard" tips.

The dimensions for a standard tip for a Pattern 5 are 0.10mm width and 0.06mm thickness.

A Pattern 5 biologie tip has a 0.05mm width and 0.01mm thickness.

Dumont Forceps/Tweezers Pattern #6



52100-61
No.6 Dumont forceps, INOX

Dumont Forceps/Tweezers Pattern #6

Item	Product
52100-61	No.6 Dumont forceps, INOX

*Length 115mm

52100-61 : Tip .17 x .10mm

Dumont Forceps/Tweezers Pattern #7



52100-07
No. 7 Dumont Stainless Steel Forceps

Dumont Forceps/Tweezers Pattern #7

Item	Product
52100-07	No. 7 Dumont Stainless Steel Forceps, 0.07x0.03mm
52100-13	No.SS/45 Long Dumont Stainless Steel Forceps, 0.01x0.06mm
52100-14	No.PP Heavy Dumont SS Forceps, 0.01x0.06mm
52100-15	No.PP Heavy Dumont SS Forceps, 45 deg, 0.01x0.06mm
52100-16	No.7S Dumont Stainless Steel Forceps,0.07x0.03mm
52100-34	No. N7 Dumont Cross Action INOX Forceps,0.07x0.03mm
52100-63	No. 7 Dumont Dumoxel Forceps, 0.07x0.03mm
52100-64	No. 7 Dumont Titanium Forceps, 0.07x0.03mm
52100-71	No.7 Dumont forceps, INOX, 0.17x0.1mm
52100-77	No.7 Dumont forceps, DUMOSTAR, 0.17x0.1mm
52100-83	No. 7 Dumont Dumoxel Forceps, 0.07x0.1mm

Pattern #7 Dumont Forceps	Length 115mm
Pattern #7S Short Curve Dumont Forceps	Length 117mm
Pattern #N7 Cross Action Dumont Forceps	Length 115mm
Pattern #SS Long Narrow, Delicate Dumont Forceps	
Pattern #PP Heavy Duty Dumont Forceps	

Standard vs. Biologie Tips

Most tweezer patterns are available in two tip styles, namely "standard" and "biologie". The dimensions of each vary by pattern.

In general, the "biologie" tips are about twice as fine at the "standard" tips

Forceps with Teeth 歯付きピンセット

Forceps with Teeth



52104-31P
Brown-Adson Forceps, 12cm(4.7in),
Side Teeth



52102-40P
Micro Dissecting Forceps, 10.2cm(4in),
1x2 Teeth, Straight, 0.8mm



52102-41P
Micro Dissecting Forceps, 10.2cm(4in),
1X2 Teeth, 0.5mm



52102-42P
Micro Dissecting Forceps, 10.2cm(4in),
1X2 Teeth, Slight Curve, 0.8mm



52102-60P
Graefe Forceps, 10.2cm(4in),
Full Curve, 1X2 Teeth, 0.5mm



52102-77P
Steven Forceps, 10.2cm(4in),
Straight, 1x2 Teeth, 1mm



52102-15P
Graefe Forceps, 7.25cm(2.875in),
1x2 Teeth, Straight



52104-33P
Adson Forceps, 12cm(4.75in),
teeth + serrat



52104-34P
Adson Forceps, 12cm(4.7in),
2X3 Teeth



52106-42P
Semken Forceps, 12.75cm(5in),
1X2 Teeth



52108-60P
Tissue Forceps, 11.5cm(4.5in),
1 X 2 Teeth



52108-62P
Tissue Forceps, 12.75cm(5in),
1X2 Teeth



52108-69P
Tissue Forceps, 14.5cm(5.75in),
1x2 Teeth



52108-80P
Tissue Forceps, 12.75cm(5in),
3X4 Teeth

Forceps with Teeth

Item	Product
52102-12	Foerster Forceps 4 in 1x2 Straight.5mm
52102-12C	Foerster Fcps 4in 1X2 CRV, .5mm Tip
52102-15	Graefe Forceps 2.75 in 1x2 Straight
52102-15P	Graefe Forceps, 2.875in, 1x2 Teeth, Straight
52102-16	Graefe Forceps 2.75 in 1x2 Curved
52102-40	Micro Dissecting Forceps, 4in, 1x2 Straight 0.8mm
52102-40P	Micro Dissecting Forceps, 4in, 1x2 Teeth, Straight, 0.8mm
52102-41	Micro Forceps, 4 in, 0.5 mm tip
52102-41P	Micro Dissecting Forceps, 4in, 1X2 Teeth, 0.5
52102-42	Micro Dissecting Forceps, 4 in, 0.8 mm tip, Slight Curve
52102-42P	Micro Dissecting Forceps,4in, 1X2 Teeth, Slight Curve, 0.8mm
52102-43	Micro Dissecting Forceps, 4 in, 1x2 0.5 mm, Slight Curve
52102-44	Micro Dissecting Forceps, 4 in, 1x2 Full Curve
52102-45	Micro Dissecting Forceps, 4 in, 1x2 Angled .8
52102-48	Gill Forceps 3in Curved 1x2 .6mm tip
52102-50	Bonn Forceps 3in 1x2 .12mm Tying
52102-60	Graefe Tissue Forceps 4in, F-CRV 1X2 Teeth, .5mm Tip
52102-60P	Graefe Forceps, 4in, Full Curve, 1X2 Teeth, 0.5mm
52102-72	Bonn forceps, 3.75in, 1X2 Teeth Tying Platform
52102-73	McPherson Forceps 3.5in 1x2 .2mm Tying Platform
52102-74	McPherson Forceps 4in Angled 1x2 teeth, Tying Platform
52102-76	Bishop-Harmon Forcep 3.25in 1x2 .3mm
52102-77	Steven Forceps 4in Straight 1x2 1mm
52102-77P	Steven Forceps, 4in, Straight, 1x2, 1mm
52104-31	Brown-Adson Forceps, 4.75in 7x7 teeth
52104-31P	Brown-Adson Forceps, 4.7in, Side Teeth
52104-32	Micro-Adson forceps, 4.75 in, 1x2 teeth .5
52104-33	Adson Forceps, 4.75 in, 1x2 teeth + serrat
52104-33P	Adson Forceps, 4.75 in, teeth + serrat
52104-34	Adson Forceps, 4.75 in, 2 X 3 teeth
52104-34P	Adson Forceps, 4.7in, 2X3 Teeth
52104-35	Adson forceps, 4.75 in, 1 X 2 teeth
52104-38	Hudson (Ewald) Forceps 4.75in 1x2
52106-42	Semken Forceps, 5in, 1 X 2 teeth
52106-42P	Semken Forceps, 5in, 1X2 teeth
52102-43	Micro Dissecting Forceps, 4 in, 1x2 0.5 mm, Slight Curve
52102-44	Micro Dissecting Forceps, 4 in, 1x2 Full Curve
52102-45	Micro Dissecting Forceps, 4 in, 1x2 Angled .8
52102-48	Gill Forceps 3in Curved 1x2 .6mm tip
52102-50	Bonn Forceps 3in 1x2 .12mm Tying
52102-60	Graefe Tissue Forceps 4in, F-CRV 1X2 Teeth, .5mm Tip
52102-60P	Graefe Forceps, 4in, Full Curve, 1X2 Teeth, 0.5mm

Forceps with Teeth

Item	Product
52102-72	Bonn forceps, 3.75in, 1X2 Teeth Tying Platform
52102-73	McPherson Forceps 3.5in 1x2 .2mm Tying Platform
52102-74	McPherson Forceps 4in Angled 1x2 teeth, Tying Platform
52102-76	Bishop-Harmon Forcep 3.25in 1x2 .3mm
52102-77	Steven Forceps 4in Straight 1x2 1mm
52102-77P	Steven Forceps, 4in, Straight, 1x2, 1mm
52104-31	Brown-Adson Forceps, 4.75in 7x7 teeth
52104-31P	Brown-Adson Forceps, 4.7in, Side Teeth
52104-32	Micro-Adson forceps, 4.75 in, 1x2 teeth .5
52104-33	Adson Forceps, 4.75 in, 1x2 teeth + serrat
52104-33P	Adson Forceps, 4.75 in, teeth + serrat
52104-34	Adson Forceps, 4.75 in, 2 X 3 teeth
52104-34P	Adson Forceps, 4.7in, 2X3 Teeth
52104-35	Adson forceps, 4.75 in, 1 X 2 teeth
52104-38	Hudson (Ewald) Forceps 4.75in 1x2
52106-42	Semken Forceps, 5in, 1 X 2 teeth
52106-42P	Semken Forceps, 5in, 1X2 teeth
52106-43	Semken Forceps 6in 1x2
52106-44	Semken forceps, 5in, 2 X 3 teeth
52106-52	Gerald Forceps 7in Straight 1x2
52106-53	Gerald Forceps 7in Curved 1x2
52106-55	Cushing Forceps 7in 1x2 Scraper
52106-60	Potts-Smith Forceps 7in Serrated 1x2
52108-60	Tissue Forceps, 4.5in, 1 X 2
52108-60P	Tissue Forceps, 4.5in, 1 X 2
52108-62	Tissue Forceps, 5in, 1 X 2
52108-62P	Tissue Forceps, 5in, 1X2 Teeth
52108-69	Tissue Forceps 5.5 in 1x2 Delicate
52108-69P	Tissue Forceps, 5.75in, 1x2 Teeth
52108-80	Tissue Forceps, 5in, 3 X 4
52108-80P	Tissue Forceps, 5in, 3X4 Teeth
52108-86	Brown Forceps 6 in 8x8 Side Teeth
52108-87	Brown Forceps 8 in 8x8 Side Teeth
52108-88	Brown Forceps 10 in 8x8 Side Teeth
52108-89	Harmon Fix Forceps 3 in 4x5 2.5mm

Micro tweezersには、先端のサイズ、形状、材質など、多種多様な種類があります。用途に最適なピンセットを選ぶ際には、扱う動物や組織のサイズを考慮してください。必要な洗浄・滅菌方法によって、選択する材質が変わる場合があります。例えば、オートクレーブ滅菌が必要で、顕微鏡下でマウスを扱う場合は、ステンレス鋼、チタン、デュモスター、INOX、デュモクセル製の先端が最も細いピンセットが適しています。

Adson Forceps



52104-31
Brown-Adson Forceps, 12cm(4.75in),
7x7 teeth



52104-33
Adson Forceps, 12cm(4.75in),
1x2 teeth + serrat



52104-34
Adson Forceps, 12cm(4.75in),
2 X 3 teeth

Adson Forceps

Item	Product
52104-30	Micro-Adson forceps, 4.75in, serrat
52104-32	Micro-Adson forceps, 4.75 in, 1x2 teeth .5
52104-33	Adson Forceps, 4.75 in, 1x2 teeth + serrat
52104-35	Adson forceps, 4.75 in, 1 X 2 teeth
52104-34	Adson Forceps, 4.75 in, 2 X 3 teeth
52104-31	Brown-Adson Forceps, 4.75in 7x7 teeth
52104-39	Micro Adson Forceps, 4.75in, Serr. 1mm Tip
52104-36	Adson Forceps 4.75in TC, Cross Serrated
52104-33P	Adson Forceps, 4.75 in, teeth + serrat
52104-34P	Adson Forceps, 4.7in, 2X3 Teeth

Brown Forceps



52104-31P
Brown-Adson Forceps, 12cm(4.7in),
Side Teeth

Brown Forceps

Item	Product
52104-31	Brown-Adson Forceps, 4.75in 7x7 teeth
52108-88	Brown Forceps 10 in 8x8 Side Teeth
52108-86	Brown Forceps 6 in 8x8 Side Teeth
52108-87	Brown Forceps 8 in 8x8 Side Teeth
52104-31P	Brown-Adson Forceps, 4.7in, Side Teeth

Graefe Fix Forceps



52102-13P
Graefe Forceps, 7.25cm(2.85in),
Straight, Cross Serrated



52102-15P
Graefe Forceps, 7.25cm(2.875in),
1x2 Teeth, Straight



52102-60P
Graefe Forceps, 10.2cm(4in),
Full Curve, 1X2 Teeth, 0.5mm

Graefe Fix Forceps

Item	Product
52108-91	Graefe Fix Forceps 4.25 in 4.5mm, Locking
52108-90	Graefe Fix Forceps 4.25 in 4.5mm
52102-13P	Graefe Forceps, 2.85in, Straight, Cross Serrated
52102-13	Graefe Forceps 2.75 in Serrated Straight
52102-14	Graefe Forceps 2.75 in Serrated Curved
52102-15P	Graefe Forceps, 2.875in, 1x2 Teeth, Straight
52102-15	Graefe Forceps 2.75 in 1x2 Straight
52102-16	Graefe Forceps 2.75 in 1x2 Curved
52102-60P	Graefe Forceps, 4in, Full Curve, 1X2 Teeth, 0.5mm
52102-60	Graefe Tissue Forceps 4in, F-CRV 1X2 Teeth, .5mm Tip

Tissue Forceps



52108-60P
Tissue Forceps, 11.5cm(4.5in),
1 X 2



52108-62P
Tissue Forceps, 12.75cm(5in),
1X2 Teeth



52108-69P
Tissue Forceps, 14.5cm(5.75in),
1x2 Teeth



52108-80P
Tissue Forceps, 12.75cm(5in),
3X4 Teeth

Graefe Fix Forceps

Item	Product
52104-37	Hudson (Ewald) Forceps 4.75in Serrated
52104-38	Hudson (Ewald) Forceps 4.75in 1x2
52108-60	Tissue Forceps, 4.5in, 1 X 2
52108-60P	Tissue Forceps, 4.5in, 1 X 2
52108-62	Tissue Forceps, 5in, 1 X 2
52108-62P	Tissue Forceps, 5in, 1X2 Teeth
52108-64	Tissue forceps, 5.5in, 1 X 2
52108-66	Tissue forceps, 6in, 1 X 2
52108-67	Tissue Forceps 4.5 in 1x2 Delicate
52108-68	Tissue Forceps 5 in 1x2 Delicate
52108-69	Tissue Forceps 5.5 in 1x2 Delicate
52108-69P	Tissue Forceps, 5.75in, 1x2 Teeth
52108-70	Tissue Forceps 6 in 1x2 Delicate
52108-73	Tissue Forceps 5.5 in 2x3
52108-74	Tissue Forceps 6 in 2x3
52108-80	Tissue Forceps, 5in, 3 X 4
52108-80P	Tissue Forceps, 5in, 3X4 Teeth
52108-84	Tissue forceps, 6in, 3 X 4
52108-85	Stille Tissue Forceps 5 in 4x5
52108-89	Harmon Fix Forceps 3 in 4x5 2.5mm

Dressing Forceps 手術用ピンセット

Dressing Forceps



52108-83P
Thumb Dressing Forceps, 12.7cm(5in)



52109-23P
Thumb Dressing Forceps, 11.5cm(4.5in)



52109-25P
Thumb Dressing Forceps, 14.0cm(5.5in)



52109-30P
Thumb Dressing Forceps, 11.5cm(4.5in),
Delicate



52109-36P
Splinter Forceps, 10.2cm(4in),
Straight, Fine



52109-37P
Splinter Forceps, 11.5cm(4.5in),
Fine

Dressing Forceps

Item	Product
52108-83	Thumb Dressing Forceps 5in, Serrated
52108-83P	Thumb Dressing Forceps 5in
52109-23	Thumb Dressing Forceps 4.5 in, Serrated
52109-23P	Thumb Dressing Forceps 4.5 in
52109-25	Thumb Dressing Forceps 5.5 in, Serrated
52109-25P	Thumb Dressing Forceps, 5.5in
52109-26	Thumb Dressing Forceps 6 in, Serrated
52109-27	Thumb Dressing Forceps 8 in, Serrated
52109-29	Thumb Dressing Forceps 12in, Serrated
52109-28	Thumb Dressing Forceps 10in, Serrated
52109-30	Thumb Dressing Forceps 4.5 in Delicate
52109-30P	Thumb Dressing Forceps, 4.5in, Delicate
52109-31	Thumb Dressing Forceps 5 in Delicate
52109-32	Thumb Dressing Forceps 5.5 in Delicate, Serrated
52109-33	Thumb Dressing Forceps 6 in Delicate
52109-35	Splinter Forceps 3.5 in Fine
52109-36	Splinter Forceps 4 in Fine
52109-36P	Splinter Forceps, 4in, Straight, Fine
52109-37	Splinter Forceps 4.5 in Fine
52109-37P	Splinter Forceps 4.5 in Fine
52109-61	Russian Tissue Forceps 6 in

Kuehne Pan Forceps



52109-59P

Kuehne Forceps, 10.2cm(4in), Straight, Flat Jaw

52109-60P

Kuehne/Pan Forceps, 10.2cm(4in), Angled

Kuehne Pan Forceps

Item	Product
52109-59	Kuehne Forceps, 4 in, Straight, Flat Jaw
52109-59P	Kuehne Forceps, 4 in, Straight, Flat Jaw
52109-60	Kuehne/pan Forceps, 4in, angled
52109-60P	Kuehne/Pan Forceps, 4in, Angled

Kuehne Micro Dissecting Forcepsは、スライドガラスやカバーガラスの取り扱いにおすすめです。この鉗子は、薄く平らで角度のついた、くちばしのようなユニークな先端形状をしており、繊細なガラスを先端に滑り込ませやすくしています。

They are also available in a straight version (52109-59)

Hemostatic Forceps 止血鉗子

Delicate Hemostatic Forceps

52110-00P
Hartman Mosquito Forceps,
10.2cm(4in), Straight



52110-01P
Hartman Mosquito Forceps,
10.2cm(4in), Curved



52110-02P
Halstead Mosquito Forceps,
12.7cm(5in), Straight, LEFT



52110-10P
Halstead Mosquito Forceps,
12.7cm(5in), Straight



52110-11P
Halstead Mosquito Forceps,
12.7cm(5in), Curved



52110-12P
Halstead Mosquito Forceps,
12.7cm(5in), Straight, Delicate



52110-13P
Halstead Mosquito Forceps,
12.7cm(5in), Curved, Delicate



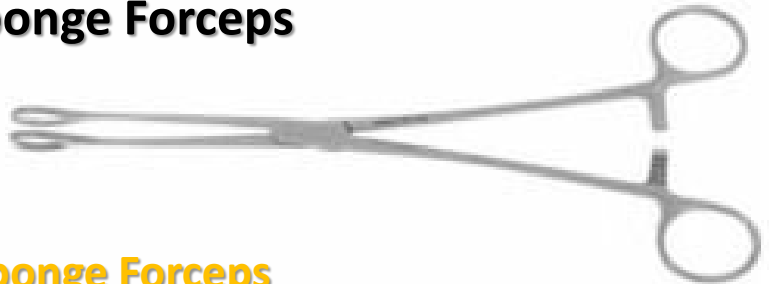
**For occlusion of tubing
or blood vessels**

Delicate Hemostatic Forceps

Item	Product
52110-00	Hartman Mosquito Forceps, 4in. Straight
52110-00P	Hartman Mosquito Forceps, 4in. Straight
52110-01	Hartman Mosquito Forceps, 4 in. Curved
52110-01P	Hartman Mosquito Forceps, 4in, Curved
52110-02	Halstead Mosquito Forceps 5in Straight, LEFT
52110-02P	Halstead Mosquito Forceps, 5in, Straight, LEFT
52110-04	Packer Mosquito Forceps, 5 in, Straight, Flat
52110-05	Packer Mosquito Forceps, 5 in, Curved, Flat
52110-06	Jacobson Mosquito Forceps 5 in, Straight, Extra-delicate
52110-07	Jacobson Mosquito Forceps 5 in, Curved, Extra-delicate
52110-10	Halstead Mosquito Forceps, 5 in, Straight
52110-10P	Halstead Mosquito Forceps, 5 in, Straight
52110-11	Halstead Mosquito Forceps, 5 in, Curved
52110-11P	Halstead Mosquito Forceps, 5 in, Curved
52110-12	Halstead Mosquito Forceps, 5 in, Straight, Delicate
52110-12P	Halstead Mosquito Forceps, 5in, Straight, Delicate
52110-13	Halstead Mosquito Forceps, 5 inch, Curved, Delicate
52110-13P	Halstead Mosquito Forceps, 5in, Curved, Delicate

Foerster Sponge Forceps

52120-62
Foerster Spring Forceps, 9.5 inch, Straight,
Serrated



Foerster Sponge Forceps

Item	Product
52120-61	Foerster Spring Forceps, 7 inch, Straight, Serrated
52120-62	Foerster Spring Forceps, 9.5 inch, Straight, Serrated

Tissue Occluding Forceps

52120-49
Tube Occluding Forceps, 14.5cm(5.75in),
Serrated, Straight



Tissue Occluding Forceps

Item	Product
52120-49	Tube Occluding Forceps, 5.75 inch, Serrated, Straight
52120-50	Tube Occluding Forceps, 7.5 inch, Serrated, Straight

Hemostatic Forceps

52110-00P

**Hartman Mosquito Forceps,
10.2cm(4in), Straight**

52110-01P

**Hartman Mosquito Forceps,
10.2cm(4in), Curved**



52110-02P

**Halstead Mosquito Forceps,
12.7cm(5in), Straight, LEFT**



52110-10P

**Halstead Mosquito Forceps,
12.7cm(5in), Straight**



52110-11P

**Halstead Mosquito Forceps,
12.7cm(5in), Curved**



52110-13P

**Halstead Mosquito Forceps,
12.7cm(5in), Curved, Delicate**



52110-12P

**Halstead Mosquito Forceps,
12.7cm(5in), Straight, Delicate**



52110-21P

**Reynolds Hemostatic Forceps,
14cm(5.5in), Full-Curved**



52110-31P

**Gemini-Mixer Hemostats,
14cm(5.5in), Full-Curved, Delicate**



Hemostatic Forceps

Item	Product
52109-16	Allis Tissue Forceps 5.5 in 4x5 4mm
52109-17	Allis Tissue Forceps 5 in 4x5 2.5mm
52109-18	Allis Tissue Forceps 6 in 4x5
52109-19	Allis Tissue Forceps 6 in 5x6
52109-20	Babcock forceps, 5.5 in 6mm
52109-22	Babcock forceps 6.25 in 9mm
52110-00	Hartman Mosquito Forceps, 4in. Straight
52110-00P	Hartman Mosquito Forceps, 4in. Straight
52110-01	Hartman Mosquito Forceps, 4 in. Curved
52110-01P	Hartman Mosquito Forceps, 4in, Curved
52110-02	Halstead Mosquito Forceps 5in Straight, LEFT
52110-02P	Halstead Mosquito Forceps, 5in, Straight, LEFT
52110-10	Halstead Mosquito Forceps, 5 in, Straight
52110-10P	Halstead Mosquito Forceps, 5 in, Straight
52110-11	Halstead Mosquito Forceps, 5 in, Curved
52110-11P	Halstead Mosquito Forceps, 5 in, Curved
52110-12	Halstead Mosquito Forceps, 5 in, Straight, Delicate
52110-12P	Halstead Mosquito Forceps, 5in, Straight, Delicate
52110-13	Halstead Mosquito Forceps, 5 inch, Curved, Delicate
52110-13P	Halstead Mosquito Forceps, 5in, Curved, Delicate
52110-21	Reynolds Hemostatic Forceps, 5.5in., Curved
52110-21P	Reynolds Hemostatic Forceps, 5.5in, Full-Curved
52110-28	Rochester-Pean Forceps, 6.25 inch, Straight
52110-29	Rochester-Pean Forceps, 6.25 inch, Curved
52110-30	Rochester-Pean Forceps, 7.25 inch, Straight
52110-31	Gemini-Mixer Hemostats, 5.5 inch, Full-Curved, Delicate
52110-31P	Gemini-Mixer Hemostats, 5.5in, Full-Curved, Delicate
52110-32	Rochester-Pean Forceps, 7.25 inch, Curved
52110-33	Rochester-Pean Forceps, 10 inch, Straight
52110-34	Rochester-Pean Forceps, 10 inch, Curved
52110-35	Pennington Forceps, 6 inch, Triangular
52110-36	Gemini-Mixer Forceps, 7 inch, Full-Curve, Delicate
52110-37	Adson Forceps, 7.25 inch, Straight
52110-38	Adson Forceps, 7.25 inch, Curved***DISCONTINUED
52110-39	Mosquito Forceps, 8.25 inch, Straight, Delicate
52110-40	Mosquito Forceps, 8.25 inch, Curved, Delicate
52110-41	Mixer Forceps, 5.25 inch, Curved, Extra-Delicate
52110-42	Mixer Forceps, 6.25 inch, Full-Curve
52110-43	Kantrowitz Forceps, 7.25 inch, 90 Degree
52110-44	Schmidt Forceps, 7.5 inch, Slight Curve
52120-59	DeBakey Bulldog Clamp, 4.75 inch, Straight
52120-60	DeBakey Bulldog Clamp, 4.75 inch, Curved
52120-64	Cooley-Derra Clamp, 6.25 inch, 5mm

Bone Instruments

Bone Elevator



52169 Freer Elevator, 17.8cm(7in), double ended



52170P Freer Bone Chisel, 16.6cm(6.5in)



52184P Dissection Probe and Blunt Separator, 6.25in

Bone Elevator

Item	Product
52169	Freer Elevator, 7 in., double ended
52169P	Freer Elevator, 7.5in, Double Ended
52170	Freer Bone Chisel, 6.5 in.
52170P	Freer Bone Chisel, 6.5in
52184P	Dissection Probe and Blunt Separator, 6.25in

Bone Rongeur



52163P Mini Bone Rongeur, 12.7cm(5 in), 2X8mm



52164P Micro Blumenthal Rongeur, 11.4cm(4.5in), curved

52165P Bane Bone Rongeurs, 17.8cm(7in), curved



Bone Rongeur

Item	Product
52163	Mini Bone Rongeur, 5 in., 2X8mm
52163P	Mini Bone Rongeur, 5 in, 2X8mm
52163-00	Lempert Rongeur 6.5in, 2.5 X 25mm, Slight Curve
52163-01	Blumenthal Rongeur 6in, Angled, 2.5mm
52163-02	Hartman Rongeur 5.75in, Strong Curve
52163-03	Adson Rongeur 8in, Curved 7 x 13 mm
52163-04	Ruskin Rongeur 6in, Curved 3 mm, Double Action
52163-05	Del Bone Trimmer, 7mm, Cut Edge, 5.5 inch
52164	Micro Blumenthal Rongeur, 4.5in., curved
52164P	Micro Blumenthal Rongeur, 4.5in., curved
52165P	Bane Bone Rongeurs 7 in., curved

Bone-Cutting Forceps



52166P
Bone Cutter, 14cm(5.5in), convex jaw, fine



52167-80P
Littauer Bone Cutting Forceps, 11.4cm(4.5in), Straight



52167-82P
Littauer Bone Cutting Forceps, 12.7cm(5in), Straight



52167-84P
Littauer Bone Cutting Forceps, 15.2cm(6in), Straight

Bone-Cutting Forceps

Item	Product
52166	Bone Cutter, 5 in., convex jaw, fine
52166P	Bone Cutter, 5.5 in., convex jaw, fine
52167-75	Ruskin Bone Cutter 5.5in Straight
52167-76	Liston Bone Cutter 5.5in, Straight
52167-77	Liston Bone Cutter 8.5in, Straight
52167-78	Liston Bone Cutter 5.5in, Angled on Flat
52167-79	Liston Bone Cutter 8.5in, Angled on Flat
52167-80	Littauer Bone Cutting Forceps, 4.5 in., Straight
52167-80P	Littauer Bone Cutting Forceps, 4.5in, Straight
52167-82	Littauer Bone Cutting Forceps, 5 in., Straight
52167-82P	Littauer Bone Cutting Forceps, 5in., Straight
52167-84	Littauer Bone Cutting Forceps, 6 in., Straight
52167-84P	Littauer Bone Cutting Forceps, 6in, Straight
52168	Dean Bone Cutter, 6 in.
52170-02	Gluck Rib Shears 8.5in
52170-03	Langenbeck Saw 9in, blade 4.5in

What does the term "double action" mean in the description of a Bone Rongeur/Bone Cutting Forcep?

"Double action" provides a second hinge point.

This increases the pressure and force applied to the cutting edges of the rongeur through the lever action provided by the second pivot point.

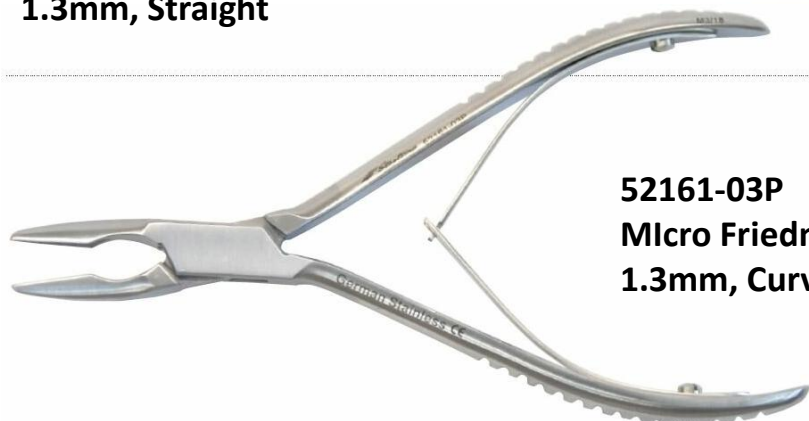
An example of a "double action" bone cutter is the 52167-75.

Friedman Bone Rongeurs



52160P
Friedman Rongeurs, 14cm(5.5in), Curved,
Delicate

52161-02P
Micro Friedman Rongeur, 14cm(5.5in),
1.3mm, Straight



52161-03P
Micro Friedman Rongeur, 14cm(5.5in),
1.3mm, Curved

Friedman Bone Rongeurs

Item	Product
52160	Friedman Rongeurs, 5.5 in., slight curve, 2mm
52160P	Friedman Rongeurs, 5.5 in, Curved, Delicate
52161-02	Micro Friedman Rongeur, 5.5 in., 1.3mm, Straight
52161-02P	Micro Friedman Rongeur, 5.5 in., 1.3mm, Straight
52161-03	Micro Friedman Rongeur, 5.5 in, Curved, 1.3mm
52161-03P	Micro Friedman Rongeur, 5.5 in., 1.3mm, Curved
52161-05	Micro Friedman Rongeur, 5.5 in, Delicate, 1.0mm, Angled
52161-07	Extra Del Micro Friedman Rongeur 5.5in. Curved, .75mm Tips

What instrument should I use to open a mouse skull?

When opening a mouse skull, there is a great need to avoid traumatizing the brain.

For this purpose we recommend using the 52167-80 Littauer bone cutting forceps.

The small and sharp head will easily cut through the skull without traumatizing the brain.

What instrument should I use to open a rat skull?

The best instruments to use for bone cutting are the bone cutting forceps.

When cutting into a larger rat's skull, you can use a bulkier instrument such as the 52167-75 Ruskin bone cutting forceps.

The double action allows precise control and steadiness, while the relatively thin head will fit between the dura and skull bone.

For smaller or younger rats, we recommend using a more delicate instrument such as the 52161-05 Micro Friedman Rongeur.

Clamps クランプ

Bulldog Clamps



52120-38P
Dietrich Bulldog Clamp,
5.1cm(2in), Straight



52120-39P
Dietrich Bulldog Clamp,
5.1cm(2in), Curved



52120-42P
Hopkins Bulldog Clamp,
3.8cm(1.5in), Slight Curve



52120-43P
Hopkins Bulldog Clamp, 4.7cm(1.85in), Straight

Bulldog Clamps

Item	Product
52120-38	Dietrich Bulldog Clamp, 2 inch, Straight
52120-38P	Dietrich Bulldog Clamp, 2 inch, Straight
52120-39	Dietrich Bulldog Clamp, 2 inch, Curved
52120-39P	Dietrich Bulldog Clamp, 2 inch, Curved
52120-40	Hopkins Bulldog Clamp, 1.5 inch, Straight
52120-40P	Hopkins Bulldog Clamp, 1.5 inch, Straight
52120-42	Hopkins Bulldog Clamp, 1.5 inch, Curved
52120-42P	Hopkins Bulldog Clamp, 1.5in, Slight Curve
52120-43	Hopkins Bulldog Clamp, 2 inch, Straight
52120-43P	Hopkins Bulldog Clamp, 1.85in, Straight
52120-44	Hopkins Bulldog Clamp, 2 inch, Curved
52120-45	Hopkins Bulldog Clamp, 2.5 inch, Straight
52120-46	Hopkins Bulldog Clamp, 2.5 inch, Curved
52120-47	Hopkins Bulldog Clamp, 3 inch, Straight
52120-48	Hopkins Bulldog Clamp, 3 inch, Curved
52120-51	DeBakey Bulldog Clamp, 7.5cm, Straight
52120-52	DeBakey Bulldog Clamp, 7.5cm, Curved
52120-59	DeBakey Bulldog Clamp, 4.75 inch, Straight
52120-60	DeBakey Bulldog Clamp, 4.75 inch, Curved

Stoelting社は、幅広い閉鎖力を備えた多種多様な血管用クリップおよびクランプを提供しています。

この閉鎖力は、クリップのジョー上の特定の点にクリップが及ぼす力(グラム単位)で表されるか、あるいは逆に、ジョーを特定の幅まで開くために必要な力(グラム単位)で表されます。

Below is a chart with these measurements:

52120-38/52102-39 Dietrich Clamps (90g) closing force at tip of jaw and 1mm opening

Dieffenbach Serrefine Clamps



52106-77P

Dieffenbach Serrefine, 3cm(1.2in), Straight

Dieffenbach Serrefine Clamps

Item	Product
52106-77	Dieffenbach Serrefine 1.12in Straight
52106-77P	Dieffenbach Serrefine 1.2in Straight
52106-78	Dieffenbach Serrefine 1.12 inch, Curved

A useful instrument for stopping blood flow to a particular organ of interest. 250 Grams of pressure

Micro Clips

Item	Product
52106-65	Micro Clip Straight .75 x 6mm
52106-66	Micro Clip Straight .8 x 5 mm
52106-67	Micro Clip Straight 1x8mm
52106-68	Micro Clip Straight 1.5x10mm
52106-69	Micro Clip Slight Curve 1x6mm
52106-70	Micro Clip Strong Curve 1x6mm
52106-71	Micro Clip 45 Degree Angle 1x6mm
52106-72	Clip Applying Forceps 5.75in with Lock
52106-80	Micro Clip Applying Forcep, 5.75in. W/Lock, SS

The jaws have fine atraumatic serrations.

Please use 52106-72 clip applying forceps with these clips.

Compressing the clips with fingers is very difficult and it may damage them.

Below is a chart with these measurements:

52106-65 - 52106-71 Micro Clips (70g) closing force at 1/3 jaw length and 1.0 mm opening

Microvascular Clips

Item	Product
52120-00	Microvascular clip, 8mm
52120-02	Microvascular clip, 11mm
52120-04	Microvascular clip, 14mm
52120-05	Micro Vascular Approximater w/moveable clips, 8mm
52120-06	Micro-clip holding forceps, 4.75 inch
52120-08	Micro Vascular Approximater w/moveable clips, 11mm
52120-07	Micro Vascular Approximater w/moveable clips, 14mm

Micro vascular clips are the most gentle of our clips.

They apply light pressure to make sure no damage is done to the walls of the occluded vessel.

We recommend the following clips according to vessel size:

52120-00 : 0-1 mm / 52120-02 : 1-2mm / 52120-04 : 2-3 mm

Schwartz Clips

Item	Product
52106-73	Schwartz Applying Forceps 8in
52106-74	Schwartz T-Clip 1in Straight Smooth
52106-75	Schwartz T-Clip 1in Slight Angle
52106-76	Schwartz T-Clip 1in Strong Angle

The jaws have fine atraumatic serrations.

Please use 52106-73 clip applying forceps with these clips. Compressing the clips with fingers is very difficult and it may damage them.

Below is a chart with these measurements:

52106-74 - 52106-76 Schwartz Clips (795g) closing force at 1/2 jaw length and 1.5 mm opening

Towel Clamps

52122-80P

Backhaus Towel clamp, 9.25cm(3.6in)

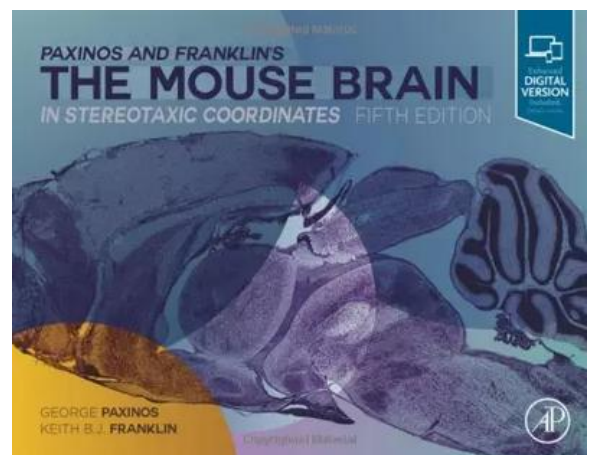
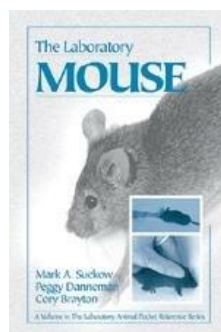
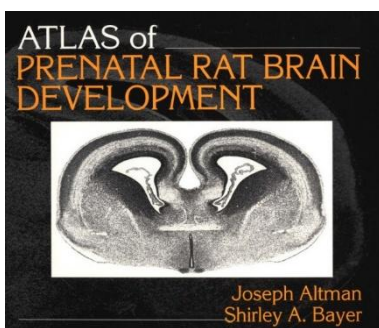


Towel Clamps

Item	Product
52122-80	Backhaus Towel clamp, 3.5 inch
52122-80P	Backhaus Towel clamp, 3.6 inch
52122-84	Backhaus Towel clamp, 5.25 inch

Stereotaxic Atlases / Manuals

- MOUSE BRAIN IN STEREOTAXIC COORDINATES
- Marmoset Brain in Stereotaxic Coordinates
- Prenatal Rat Brain Development
- Rat Brain in Stereotaxic Coordinates, 7th Edition
- Rat Nervous System
- Stereotaxic Surgery
- The Laboratory Mouse



Needle Holders

Needle Holders



52122-90P
Webster Needle Holder, 12.75cm(5in),
Delicate, Smooth



52135-40
Castroviejo Blade Breaker 13.3cm(5.25in),
with lock



52181-80P
Olsen-Hegar Needle Holder, 12.1cm(4.75in),
Extra Delicate, Serrated



52181-83P
Halsey Needle Holder, 12.75cm(5in),
Serrated



52181-84P
Olsen-Hegar Needle holder scissors,
14cm(5.5in).



52181-92P
Olsen-Hegar Needle Holder Scissors,
11.4cm(4.5in).



52181-94P
Olsen-Hegar Needle Holder Scissors,
14cm(5.5in).



52182P
Castroviejo needle holder w/catch,
14cm(5.5in).

Needle Holders

Item	Product
52122-85	Intracardiac Needle Holder, 5 inch, Extra-Delicate
52122-86	Intracardiac Needle Holder, 7 inch, Extra-Delicate
52122-87	Derf Needle Holder, 4.25 inch
52122-88	Derf Needle Holder, 4.75 inch
52122-89	Derf Needle Holder, 4.75 inch

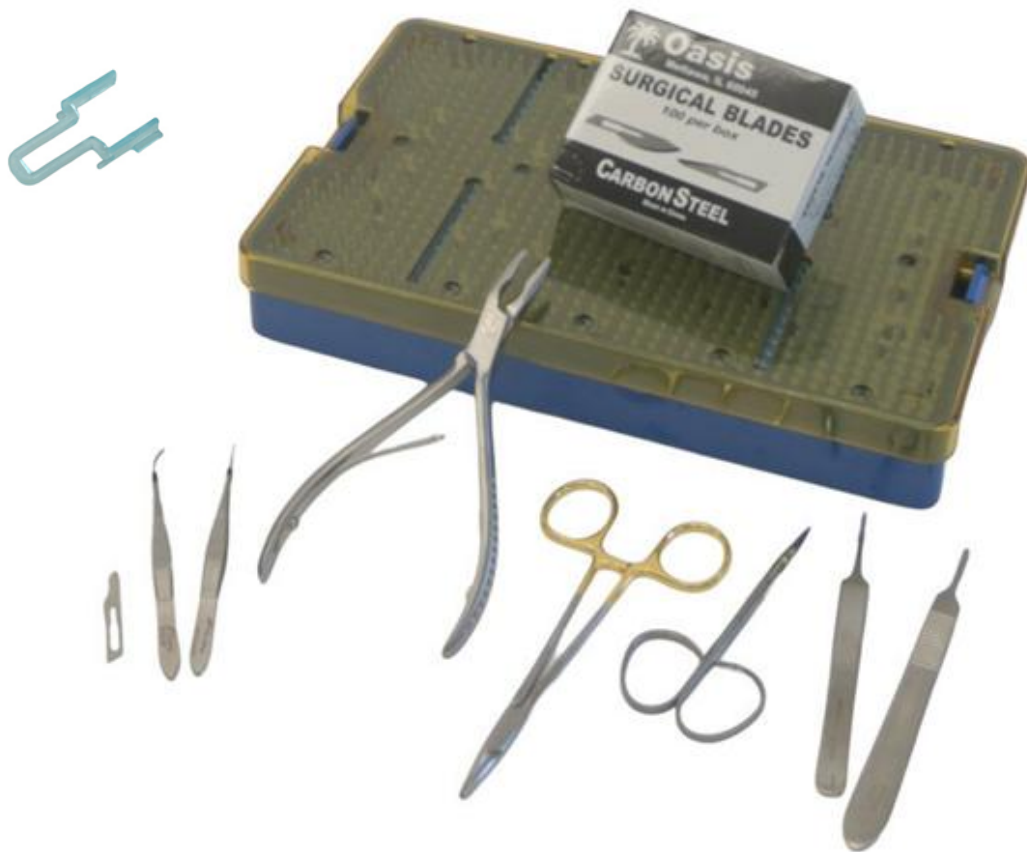
Needle Holders

Item	Product
52122-90	Webster Needle Holder, 4.75 inch, Delicate, Smooth
52122-90P	Webster Needle Holder, 5 inch, Delicate, Smooth
52122-91	Webster Needle Holder, 5 inch, Delicate, Smooth
52122-92	Halsey Needle Holder, 5 inch, Smooth
52122-93	Halsey Needle Holder, 5 inch, Serrated, Carbide
52122-94	Halsey Needle Holder, 5 inch, Serrated, Left-Handed, Carbide
52122-95	Webster Needle Holder 5 inch, Serrated, Extra-Delicate
52122-96	Hegar-Baumgartner Needle Holder, 5.25 inch
52122-97	Crile-Wood Needle Holder, 6 inch
52135-31	Kalt Needle Holder 5.5 inch with Spring Catch
52135-32	Patton Needle Holder 4.5 inch with out Lock
52135-33	Castroviejo 5.75inch Straight without Lock
52135-34	Castroviejo 5.75inch Straight with Lock-Extra Delicate
52135-35	Castroviejo 5.75inch Curved with Lock-Extra Delicate
52135-36	McPherson Needle Holder 4inch Curved Smooth Jaws
52135-37	Castroviejo Needle Holders 4.5in, Carbide, with Lock
52135-38	Micro Needle Holder 5.125in Curved with lock .6mm tip
52135-39	Micro Needle Holder 7.125in Curved with lock .6mm tip
52135-40	Castroviejo Blade Breaker 5.25in with lock
52181-40	Metzenbaum Needle Holder 7in, Straight
52181-41	Mayo-Hegar Needle Holder 5in
52181-42	Mayo-Hegar Needle Holder 6in
52181-43	Mayo-Hegar Needle Holder 6.25in LH*DISCONTINUED
52181-44	Mayo-Hegar Needle Holder 5in, carbide
52181-45	Mayo-Hegar Needle Holder 6in, carbide
52181-46	Brown Needle Holder 5.25in, Convex Jaw, fine serrated
52181-80	Olsen-Hegar Needle holder, 4.75in, extra delicate, serrated
52181-80P	Olsen-Hegar Needle Holder, 4.75in, Extra Delicate, Serrated
52181-82	Olsen-Hegar Needle holder, 4.75in, extra delicate, smooth
52181-83P	Halsey Needle Holder, 5 in., Serrated
52181-84	Olsen-Hegar Needle holder scissors, 5.5in
52181-84P	Olsen-Hegar Needle holder scissors, 5.5in
52181-86	Olsen-Hegar Needle holder scissors, 6.5in.
52181-92	Olsen-Hegar Needle holder scissors,4.75in, carbide
52181-92P	Olsen-Hegar Needle Holder Scissors, 4.5in
52181-94	Olsen-Hegar Needle holder scissors,5.5in, carbide
52181-94P	Olsen-Hegar Needle Holder Scissors, 5.5in.
52181-96	Olsen-Hegar Needle holder scissors,6.5in, carbide
52181-96P	Olsen-Hegar Needle Holder Scissors, 6.75in.
52122-98	Crile-Wood Needle Holder, 7 inch
52182	Castroviejo 5.75 inch Straight with Lock
52182P	Castroviejo needle holder w/catch, 5.5in (14cm)

StoeltingのNeedle Holderは、さまざまな種類の針を正確に操作できるように設計されています。

Stereotaxic Instrument Kit

Stoelting's Stereotaxic Instrument Kit

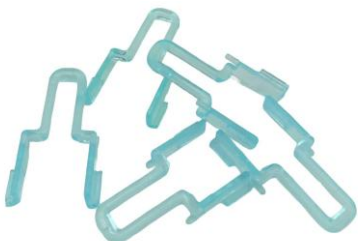


Item	Product
52132-14P	Large Ring Dissecting Scissors, 3.75in, Straight
52102-41P	Micro Dissecting Forceps, 4in, 1X2 Teeth, 0.5
52102-35P	Micro Forceps, 4in, Curved, Serrated, 0.8mm
52161-03P	Micro Friedman Rongeur, 5.5 in, 1.3mm, Curved
52179	Kane Retractor for Stereotaxic Surgery, Pk/5
52171P	Scalpel Handle, No.3, 4in
52173-10P	Sterile Scalpel Blades, Size 10 for No.3 & No.7, Box/100
52181-83P	Halsey Needle Holder, 5 in, Serrated
52185P	Sterilizing Instrument Tray, 6 X 10 X 1.5 in.

Stereotaxic Surgical Instrument kitには、マウスまたはラットの脳定位手術に必要な器具が含まれています。

52179

Kane Retractor for Stereotaxic Surgery, Pk/5



The Kane Retractor is a unique instrument invented by The Jackson Laboratory and only sold at Stoelting. The Kane Retractor provides an easy solution for accessing the skull during Stereotaxic Surgery.

Surgical Accessories

Micro-Dissecting Retractors



52124P
Agricola Retractor, 4.3cm(1.7in),
3X3 Prongs



52125P
Goldstein Retractor,
2.5cm(1in).



52126-10P
Alm Retractor, 3 in, 4X4 Prongs,
5cm(2in), Spread



52126-14P
Alm Retractor, 4in, 4X4 Prongs,
6.4cm(2.5in), Spread



52127P
Castroviejo Retractor,
9.5cm(3.75in),
Screw-type Adjustable

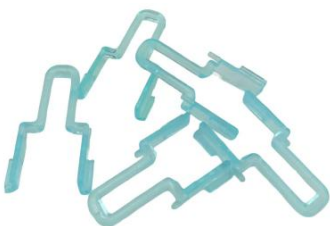


52128-00P
Weitlaner Retractor, 2X3,
11.4cm(4.5in), Sharp Prongs

Retractors

Item	Product
52124	Agricola Retractor, 1.5in. 3X3 4mm Sharp
52124P	Agricola Retractor, 1.7in, 3X3 Prongs
52125	Goldstein Retractor, 1in. 3X3 4mm Sharp
52125P	Goldstein Retractor, 1in.
52126-10	Alm Retractor, 2.75 inch
52126-10P	Alm Retractor, 3 in, 4X4 Prongs, 2in Spread
52126-14	Alm Retractor, 4 inch, 4x4 Prongs
52126-14P	Alm Retractor, 4in, 4X4 Prongs, 2.5in Spread
52127	Castroviejo Retractor, 3.75in. 15X15mm
52127P	Castroviejo Retractor, 3.75in, Screw-type Adjustable
52128-00	Weitlaner Retractor, 2 X 3, 4 inch, Sharp
52128-00P	Weitlaner Retractor, 2X3, 4.5in, Sharp Prongs
52128-02	Weitlaner Retractor, 2 X 3, 4 inch, Blunt
52128-12	Weitlaner Retractor, 3 X 4, 5.5 inch, Blunt
52128-14	Weitlaner Retractor, 3 X 4, 6.5 inch, Blunt

Kane Retractor for Stereotaxic Surgery



The Kane Retractor is a unique instrument invented by The Jackson Laboratory and only sold at Stoelting.

The Kane Retractor provides an easy solution for accessing the skull during Stereotaxic Surgery.

Kane Retractor for Stereotaxic Surgery

Item	Product
52179	Kane Retractor for Stereotaxic Surgery, Pk/5

Scalpel Handles / Scalpel Blades



52171P
Scalpel Handle, No.3, 10.1cm(4in).



52172P
Scalpel Handle, No.7, 16.5cm(6.5in)



52174P
Scalpel Handle, No.4, 13.3cm(5.25in).



52173-10P
Sterile Scalpel Blades,
Size 10 for No.3 & No.7, Box/100



52173-15P
Sterile Scalpel Blades,
Size 15 for No.3 & No.7, Box/100*

Scalpel Handles / Scalpel Blades

Item	Product
52171	Scalpel Handle, No.3, 4 inch
52171P	Scalpel Handle, No.3, 4in
52172	Scalpel Handle, No.7, 6.25 in.
52172P	Scalpel Handle, No.7, 6.5in
52174	Scalpel Handle, No.4, 4.25 in.
52174P	Scalpel Handle, No.4, 5.25in
52135-40	Castroviejo Blade Breaker 5.25in with lock
52173-10	Sterile Scalpel blades, size 10, for No.3 & No.7
52173-10P	Sterile Scalpel Blades, Size 10 for No.3 & No.7, Box/100
52173-11	Sterile Scalpel blades, size 11, for No.3 & No.7
52173-12	Sterile Scalpel blades, size 12, for No.3 & No.7 handles
52173-13	Sterile Scalpel blades, size 12D, for No.3 & No.7 handles
52173-14	Sterile Scalpel blades, size 14, for No.3 & No.7 handles
52173-15	Sterile Scalpel blades, size 15, for No.3 & No.7
52173-15P	Sterile Scalpel Blades, Size 15 for No.3 & No.7, Box/100*
52173-16	Sterile Scalpel blades, size 15C, for No.3 & No.7 handles
52175-18	Sterile Scalpel blades, size 18, for No.4 handle
52175-19	Sterile Scalpel blades, size 19, for No.4 handle
52175-20	Scalpel blades, size 20, for No.4
52175-21	Scalpel blades, size 21, for No.4 handle
52175-22	Sterile Scalpel blades, size 22, for No.4 handle
52175-23	Sterile Scalpel blades, size 23, for No.4 handle
52175-24	Scalpel blades, size 24, for No.4
52175-25	Sterile Scalpel blades, size 25A, for No.4 handle
52175-36	Scalpel blades, size 36, for No.4

Scalpel Handles / Scalpel Blades



Sterile Disposable Scalpels

Item	Product
52186	Sterile Disp Scalpels, #10's, Box/10
52187	Sterile Disp Scalpels, #11's, Box/10
52188	Sterile Disp Scalpels, #15's, Box/10

Wound Closures



The EZ Clip™ Kit includes the Applier, case of 1,000 9mm Wound Clips (No. 59027) and the Remover.

EZ Clip Wound Closures

Item	Product
59020	EZ Clip Kit
59022	EZ Clips, Box/200
59027	EZ Clips, Box of 1000
59027-5	EZ Clips, Case of 5000



Wound Clip Kit includes one Applier, one Remover and a box of 100 Clips. All parts are also sold separately.

Reflex Wound Closures

Item	Product
59038	Reflex 7mm Wound Clip Kit
59036	Reflex 7mm Wound Clip Applier
59037	Reflex 7mm Wound Clip Remover
59035	Reflex 7mm Wound Clips, Box/100
59034	Reflex 7mm Wound Clips, Case/1000



Autoclip Wound Closures

9mm clip

Item	Product
59040	Autoclip Kit
59043	Autoclip Applier
59046	Autoclip Remover
59047	Autoclips, Box of 1000



52184-07
Michel Clip Apply/Removing Forceps,
12.75cm(5in).

Michel Wound Closures

Item	Product
52184-07	Michel Clip Apply/Removing Forceps 5 inch
52184-08	Michel Clip Apply Forceps 5 inch
52185-07	Michel Wound Clip 7.5mm
52185-11	Michel Wound Clip 11mm-7/16in



52184-10P
Hegenbarth Clip Applying Forceps, 12.7cm(5in).

Hegenbarth Wound Closures

Item	Product
52184-10	Hegenbarth Clip Apply Forceps 5in
52184-10P	Hegenbarth Clip Applying Forceps, 5in



indicated for wound management in a
variety of situations such as Cuts,
Lacerations and Abrasions

Medbond Tissue Glue

Item	Product
50479	MEDBOND, 2mL, Box/25
50478	MEDBOND, 2mL, Pk/5

Suture

Item	Product
Nylon Sutures	
50480	Sutures, Monomid Nylon Non-Absorbable, Blue, 4-0, 30in
50481	Sutures, Monomid Nylon Non-Absorbable, Blue, 3-0, 30in
50482	Sutures, Monomid Nylon Non-Absorbable, Blue, 2-0, 30in
Monomid Nylon Non-Absorbable Sutures	
50483	Sutures, Monomid Nylon Non-Absorbable, 5-0, 18in
50484	Sutures, Monomid Nylon Non-Absorbable, 4-0, 18in
50485	Sutures, Monomid Nylon Non-Absorbable, 3-0, 18in
50486	Sutures, Monomid Nylon Non-Absorbable, 2-0, 18in
Natural Chromic Gut Absorbable Suture	
50491	Sutures, Natural Chromic-Gut, 4-0, 30in
50492	Sutures, Natural Chromic-Gut, 3-0, 30in
50493	Sutures, Natural Chromic-Gut, 2-0, 30in
50494	Sutures, Natural Chromic-Gut, 0, 30in
Silk Braided Non-Absorbable Sutures	
50487	Sutures, Silk Braided Non-Absorbable, 5-0, 18in
50488	Sutures, Silk Braided Non-Absorbable, 4-0, 18in
50489	Sutures, Silk Braided Non-Absorbable, 3-0, 18in
50490	Sutures, Silk Braided Non-Absorbable, 2-0, 18in
Synthetic Visorb (PGA) Suture	
50495	Sutures, Visorb (PGA) Synthetic Absorbable, 5-0, 30in
50496	Sutures, Visorb (PGA) Synthetic Absorbable, 4-0, 30in
50497	Sutures, Visorb (PGA) Synthetic Absorbable, 3-0, 30in
50498	Sutures, Visorb (PGA) Synthetic Absorbable, 2-0, 30in



Cautery Instruments



「Gemini Cautery System」は、2200° Fと1300° Fの2つの異なる動作温度を設定可能です。
 交換が容易でオートクレーブ滅菌可能なニッケルクロム製チップは、消費電力が少なく、バッテリー寿命を延ばします。
 便利なバッテリースペーサーを使用することで、ハンドピースの高温モードから低温モードへの切り替えが可能です。

Dual Temperature Cautery Kit

Item	Product
59017	Gemini Cautery Kit
59018	Replacement tips, 5 mm
59019	Replacement tips, 10 mm

High Temperature Disposable Cautery Pens

Item	Product
59016	Cautery Pens, Fine Tip, High Temp, 1204C
59120	Cautery Pens, Loop Tip, High Temp, 1204C
59121	Cautery Pens, Loop Tip, High Temp, 1204C w/ext.2in shaft
59122	Cautery Pens, Loop Tip, High Temp, 1204C, w/ext.5in shaft
59123	Cautery Pens, Fine Tip, High Temp Adj. 816-1149C
59124	Cautery Pens, Fine Tip, High Temp, 1204C, w/ext.2in shaft
59125	Cautery Pens, Vasectomy Fine Tip, High Temp, 982C
59126	Cautery Pens, Micro Fine Tip, High Temp, 1093C
59127	Cautery Pens, Micro Loop Tip, High Temp, 1093C
59128	Cautery Pens, Vasectomy Tip Micro, High Temp, 871C



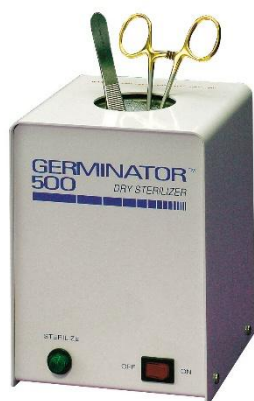
Low Temperature

High Temperature

Low Temperature Disposable Cautery Pens

Item	Product
59117	Cautery Pens, Fine Tip, Low Temp, 704C
59118	Cautery Pens, Fine Tip, Low Temp, Adj. 371-649C
59119	Cautery Pens, Elongated Fine Tip, Low Temp, 593C
59015	Cautery Pens, Micro Fine Tip, Low Temp, 454C

disposable cauteriesはすべて、1箱に10本入りで個別包装された滅菌品です。



Dry Glass Bead Sterilizer

Specifications

Warm-Up Time	Working Temperature	Sterilization Time
20 Min.	250° C (approx. 500° F)	2-5 sec

Well (OD x Depth)	Dimensions (H x W x D)	Weight
51 x 102 mm (2 in x 4 in)	6.75 in x 5.25 in x 5.25 in	2 kg (4.5 lbs)

Dry Glass Bead Sterilizer

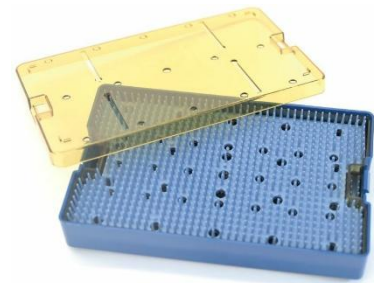
Item	Product
50287	Dry Glass Bead Sterilizer
50289	Glass Bead Refill

Dry sterilize surgical instruments in seconds — Meets New NIH Guidelines
 Insert the cleaned surgical instrument for 2-5 seconds, and remove. Within 30 seconds, the surgical instruments are cool enough to use.

Sterilizing Trays



52104
Instrument Tray 13.5 X 9.75 X .75in



52185P
Sterilizing Instrument Tray, 6 X 10 X 1.5 in.

Sterilizing Trays

Item	Product
52106	Instrument Tray 12.25 X 7.75 X 2.25in
52110	Instrument Tray 9 X 5 X 2in
52110L	Instrument Tray Lid 9 X 5in
52104	Instrument Tray 13.5 X 9.75 X .75in
52106L	Instrument Tray Lid 12.25 X 7.75in
52108	Instrument Tray 10 X 6.5 X 2in
52108L	Instrument Tray Lid 10 X 6.5in
52185P	Sterilizing Instrument Tray, 6 X 10 X 1.5 in.

頑丈なステンレス鋼で作られたこれらのトレイは、あらゆる滅菌ニーズに対応できるよう、さまざまなサイズをご用意しています。

両端の取っ手により、オートクレーブからの取り出しが安全かつ簡単、確実に行えます。蓋は付属していませんので、別途ご注文ください(#52104には蓋がありません)。

Shavers / Trimmers



リチウムイオンバッテリー搭載で、パワーと稼働時間が向上。
最大2時間の連続使用が可能
バッテリーが切れても、電源に接続して作業を継続可能
セット内容: マルチ電圧充電器、ブレード用ブラシ、オイル

Rechargeable Cordless Surgical Trimmers

Item	Product
51472	ProClip Ion Cord/Cordless Trimmer - Blue/Silver



パワフルで刃が取り外し可能なバリカン。
静音設計で、神経質な動物を驚かせません。
高速モーター: 毎分3800ストローク。
バッテリーをフル充電すれば、60~75分間連続使用可能です。



Rechargeable Surgical Clippers

Item	Product
51465	Surgical Clipper, Cordless, Rechargeable w/#40 blade
51482	Blade, Surgical/Shaving #40, Steel
51483	Blade, Surgical/Shaving #50, mice, Steel

Instrument Cup



耐久性に優れたシリコン製で、従来のガラス製や金属製の器具トレイに代わる製品です。
 繊細な器具の先端を傷つける心配がありません。
 底面が広く(5インチ)、安定性が高く、手術台の上で滑りにくい設計になっています。
 器具の消毒に滅菌液(例:Cidex)を使用する場合は、液を定期的に交換してください。

Instrument Cup

Item	Product
52194	Instrument Cup, Large

Other Items



体温コントローラー

Rodent Warmer X1 / X2

Item	Product
53800	Stoelting Rodent Warmer Control Box X1
53800M	Stoelting Rodent Warmer X1 with Mouse Heating Pad
53800R	Stoelting Rodent Warmer X1 with Rat Heating Pad
53800C	Stoelting Rodent Warmer X1 with Cage Heating Pad

53850	Stoelting Rodent Warmer Control Box X2
53850M	Stoelting Rodent Warmer X2 with Mouse Heating Pad
53850R	Stoelting Rodent Warmer X2 with Rat Heating Pad
53850C	Stoelting Rodent Warmer X2 with Cage Heating Pad
53850-MM	Stoelting Rodent Warmer X2 with Two Mouse Heating Pads
53850-RR	Stoelting Rodent Warmer X2 with Two Rat Heating Pads
53850-CC	Stoelting Rodent Warmer X2 with Two Cage Heating Pads
53850-MC	Stoelting Rodent Warmer X2 with Mouse and Cage Heating Pads
53850-RM	Stoelting Rodent Warmer X2 with Rat and Mouse Heating Pads
53850-RC	Stoelting Rodent Warmer X2 with Rat and Cage Heating Pads

53805	Stoelting Rectal Thermal Probe, Mouse and Rat (1.4mm dia.)
53810	Mouse Heating Pad, 7x7cm for 53801/53851 w/cable
53812	Rat Heating Pad, 15.25x15.25cm for 53801/53851 w/cable
53814	Cage Heating Pad, 16x38cm for 53801/53851 w/cable
53820	Cable for 53801/53851 to Pad/Insert

Material Reference Guide

There are 6 different alloys to choose from when selecting a micro tweezers.

The information below is provided to help you compare the various alloys and their respective properties.

The six different alloys are carbon steel, titanium, stainless steel, Inox, Dumoxel, and Dumostar.

CARBON STEEL:

At Rockwell 60, carbon steel is one of the hardest tweezers' materials. Carbon steel tips are very durable but the hardness makes carbon steel tips more brittle than other steels. Carbon steel is also highly magnetic and stains easily. It will rust if exposed to water for any length of time.

TITANIUM:

While not as hard as some of the other alloys (Rockwell 37 at the tips), titanium tips are very flexible. A unique property of titanium is that it is 33% lighter than other stainless alloys. Titanium is extremely corrosion and stain resistant, making it the preferred choice for salt water uses. Titanium also has a high heat resistance, in excess of 400 degrees Celsius, and is completely non-magnetic.

STAINLESS STEEL:

The common name for various alloys composed of carbon steel and chromium. There are many different types and grades of stainless steel. Alloys considered stainless exhibit good stain resistance and have varying degrees magnetism. Stainless steel is less likely to show damage but it can still rust, corrode, pit, and be affected by chemicals and environmental conditions.

INOX:

Inox is a specific stainless alloy composed of carbon steel and chromium. Inox tips are more flexible than pure carbon steel but not as hard (Rockwell 55) . Inox has good stain resistance and is magnetic.

DUMOXEL:

One of the most popular tweezer alloys, Dumoxel is even more stain resistant than Inox and is highly corrosion resistant. With a Rockwell 36 at the tips, tweezers made from this alloy have very soft, flexible tips. Dumoxel is non-magnetic and exhibits high temperature resistance.

DUMOSTAR:

This new alloy is a blend of steel, chromium, nickel, and cobalt and has many of the best features of the other alloys. Dumostar is heat resistant to over 500 degrees Celsius and is completely non-magnetic. It is extremely corrosion resistant and is one of the harder alloys at Rockwell 62. However, because of its unique composition, Dumostar tips are very flexible, are resistant to fatigue, and are capable of flexing far beyond other alloys without permanently deforming. This alloy is far superior in overall performance than any other material available today!

Hardness(硬度) : Carbon > Dumostar > Inox > Dumoxel > Titanium

General Cleaning & Sterilizing Techniques

一般的な洗淨・滅菌の手法

Summary: The following are guidelines of Cleaning, Sterilizing & Maintaining surgical instruments.

Use of distilled or deionized water and a neutral pH cleaning solution is recommended for all these procedures.

1. Rinsing-

Immediately after surgery, rinse instruments under warm (not hot) water. It may be helpful to use a nylon toothbrush to rinse the lock boxes and joints of the instrument. Be sure to remove all blood, body fluids, and tissue.

2. Cleaning-

If you do not clean your instruments immediately after rinsing, instruments should be submerged for a in a solution of water and neutral pH (7) detergent.

A. Ultrasonic Cleaning-

We recommend you manually clean micro & delicate instruments.

Instruments should be processed in a cleaner for the full recommended cycle time- usually 5-10 minutes.

Place instruments in open position into the ultrasonic cleaner. Make sure that sharp blades such as scissors, knives, osteotomes, etc. do not touch other instruments.

All instruments have to be fully submerged.

Do not place dissimilar metals (stainless, copper, chrome plated etc.) in the same cleaning cycle.

Change solution frequently, at least as often as recommended by the manufacturer.

Rinse instruments after ultrasonic cleaning with distilled or deionized water to remove ultrasonic cleaning solution.

B. Automatic Washer Sterilizers-

Follow manufacturers' recommendations. Make sure instruments are lubricated after last rinse cycle and before sterilization cycle.

C. Manual Cleaning-

Most instrument manufacturers recommend ultrasonic cleaning as the best and most effective way to clean surgical instruments, particularly those with hinges, locks, and other moving parts. If ultra sonic cleaning is not available observe the following steps.

I. Use stiff plastic cleaning brushes (nylon etc.).

Do not use steel wool or wire brushes except specially recommended stainless steel wire brushes for instruments such as bone files, or on stained areas in knurled handles.

II. Use only neutral pH (7) detergents. If not rinsed off properly after cleaning, low pH detergents will breakdown the stainless protective surface and cause black staining.

High pH detergent will cause surface deposit of brown stain (this deposit may look like rust) which will also interfere with smooth operation of the instrument.

III. Brush delicate instruments carefully and, if possible, handle them totally separate from general instruments.

IV. Make sure all instrument surfaces are visibly clean and free from stains and tissue.

This is a good time to inspect each instrument for proper function and condition.

Check the following:

Scissor blades glide smoothly from open to closed (they must not be loose when in closed position). Test scissors by cutting into thin gauze. Three quarters of the length of the blade should cut all the way to the scissor tips, and not hang up.

Forceps should have properly aligned tips.

Hemostats and needle holders should not show any light between the jaws. They should lock and unlock easily and the joints should not be too loose. Check needle holders for wear at the tips.

Suction tubes should be clean inside.

Retractors should open, close and lock properly.

Blades of all cutting edges should be sharp and undamaged.

V. After manually scrubbing instruments, rinse them thoroughly under running water (distilled water is best). While rinsing, open and close scissors, hemostats, needle holders and other hinged instruments to make sure the hinge areas are rinsed out, as well as the outside of the instruments.

3. After Cleaning-

If the instruments are to be stored, let them air dry and store them in a clean and dry environment.

4. Autoclaving-

If instruments are to be reused or autoclaved:

A. Lubricate all instruments which have any metal to metal action such as scissors, hemostats, needle holders, and retractors.

Lubricants such as instrument milk are best. Do not use WD-40 oil or other industrial lubricants.

B. Use disposable paper or plastic pouches to sterilize individual instruments. Make sure you use a wide enough pouch (4" or wider) for instruments with ratchet locks such as needle holders and hemostats so the instrument can be sterilized in the open and unlocked position.

If you are autoclaving instrument sets unlock all instruments and sterilize them in an open position. Place heavy instruments at the bottom of the set (when two layers are required).

Never lock an instrument during autoclaving. It will not be sterile as the steam cannot reach the metal to metal surfaces. The instrument might develop cracks in hinged areas caused by the heat expansion during the autoclave cycle.

Do not overload the autoclave chamber. Pockets may form that do not permit steam penetration. Place a towel on bottom of pan to absorb excess moisture during autoclaving. This will reduce the chance of getting "wet packs". Make sure the towels used in sterilization of the instruments have no detergent residue and are neutral pH(7) if immersed in water. The residue of the inexpensive, high-pH (9-13) detergents used by some laundries to clean the towels could cause stains on some instruments.

CAUTION: At the end of the autoclave cycle- before the drying cycle- unlock the autoclave door and open it more than a crack about $\frac{3}{4}$ ". Then run the dry cycle for the period recommended by the autoclave manufacturer. If the autoclave door is opened fully before the drying cycle, cold room air will rush into the chamber, causing condensation on the instruments. This will result in water stains on the instruments and cause "wet packs".

If you have unusual staining on your instruments during sterilization contact your local instrument representative or look in our web site under staining.

5. Cold Sterilization-

Most cold sterilization solutions render instruments sterile only after a 10 hour immersion. This prolonged chemical action can be more detrimental to the surgical instruments than the usual 20 minute autoclave cycle. If the instruments need to be disinfected only, cold sterilization is recommended since disinfection will take place in only 10 minutes.

Keep in mind the difference between STERILE and DISINFECTED: Sterile- an absolute term (no living organism survives); Disinfected- basically clean.

Always use the proper sterilization/cleaning technique to render the instrument in required condition for use.

Important: For instruments with tungsten carbide inserts such as needle holders, scissors, and tissue forceps we do not recommend use of solutions containing Benzyl Ammonium Chloride. This will destroy the tungsten carbide inserts.

外観及び仕様は改良のため予告なしに変更する場合がありますのでご了承願います。