



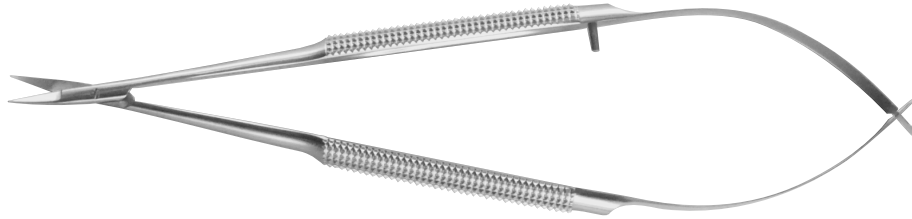
CATALOG OF INSTRUMENTS FOR HAND, FOOT & SMALL BONE SURGERY

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Micro Scissors

Micro Scissors

145 mm, round knurled handle



Sharp, beveled blade

51-1125 straight, 9 mm long blades
51-1111 straight, 14 mm long blades

51-1126 curved, 9 mm long blades
51-1112 curved, 14 mm long blades

Blunt, beveled blade

51-1105 straight, 9 mm long blades
51-1101 straight, 14 mm long blades

51-1106 curved, 9 mm long blades
51-1102 curved, 14 mm long blades

Sharp, serrated, beveled blades

51-1155 straight, 9 mm long blades
51-1141 straight, 14 mm long blades

51-1156 curved, 9 mm long blades
51-1142 curved, 14 mm long blades

Sharp, dissecting blade

51-1135 straight, 9 mm long blades
51-1131 straight, 14 mm long blades

51-1136 curved, 9 mm long blades
51-1132 curved, 14 mm long blades

Blunt, dissecting blades

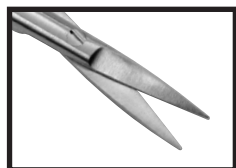
51-1165 straight, 9 mm long blades
51-1161 straight, 14 mm long blades

51-1166 curved, 9 mm long blades
51-1162 curved, 14 mm long blades

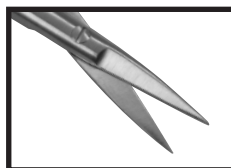
Micro Scissors blade detail, shown in 14 mm length and straight. Reference for both 145 mm and 180 mm lengths.



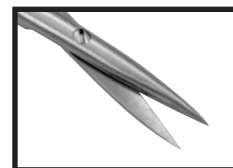
Beveled blade, sharp



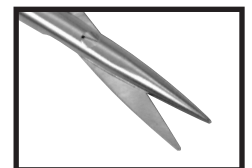
Beveled blade, blunt



Beveled blade, serrated



Dissecting blade, sharp



Dissecting blade, blunt

Micro Scissors

Micro Scissors

180 mm, round knurled handle



Sharp, beveled blade

51-1825 straight, 9 mm long blades
51-1811 straight, 14 mm long blades

51-1826 curved, 9 mm long blades
51-1812 curved, 14 mm long blades

Blunt, beveled blade

51-1805 straight, 9 mm long blades
51-1801 straight, 14 mm long blades

51-1806 curved, 9 mm long blades
51-1802 curved, 14 mm long blades

Sharp, serrated, beveled blades

51-1855 straight, 9 mm long blades
51-1841 straight, 14 mm long blades

51-1856 curved, 9 mm long blades
51-1842 curved, 14 mm long blades

Sharp, dissection blade

51-1835 straight, 9 mm long blades
51-1831 straight, 14 mm long blades

51-1836 curved, 9 mm long blades
51-1832 curved, 14 mm long blades

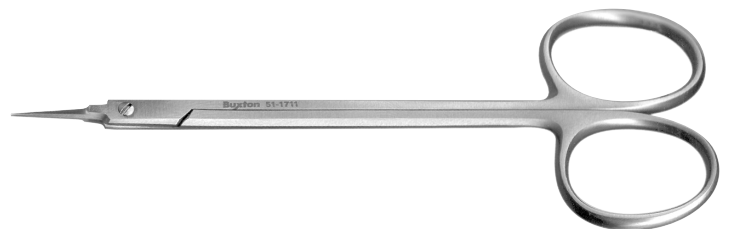
Blunt, dissection blades

51-1865 straight, 9 mm long blades
51-1861 straight, 14 mm long blades

51-1866 curved, 9 mm long blades
51-1862 curved, 14 mm long blades

Ikuta Micro Scissors

110 mm, ringed handle



51-1711 straight
51-1712 curved

Micro Needle Holders

Micro Needle Holders, short

140 mm, 8 mm Ø round knurled handle, long tapered jaws



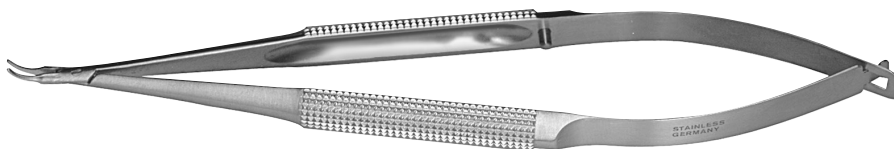
51-3531 straight, plain

51-3532 curved, plain

51-3531D straight, diamond coated jaws

51-3532D curved, diamond coated jaws

135 mm, 8 mm Ø round knurled handle

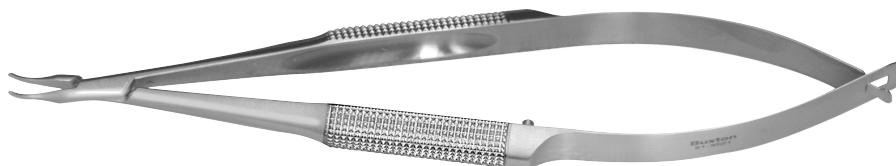


51-3111 straight, bottle nosed jaws, 0.5 mm tip

51-3112 curved, bottle nosed jaws, 0.5 mm tip

51-3114 angled, bottle nosed jaws, 0.5 mm tip

135 mm, heftier 10 mm Ø round knurled handle



0.75 mm tip

51-3141 straight, bottle nosed jaws, 0.75 mm tip

51-3142 curved, bottle nosed jaws, 0.75 mm tip

1.0 mm tip

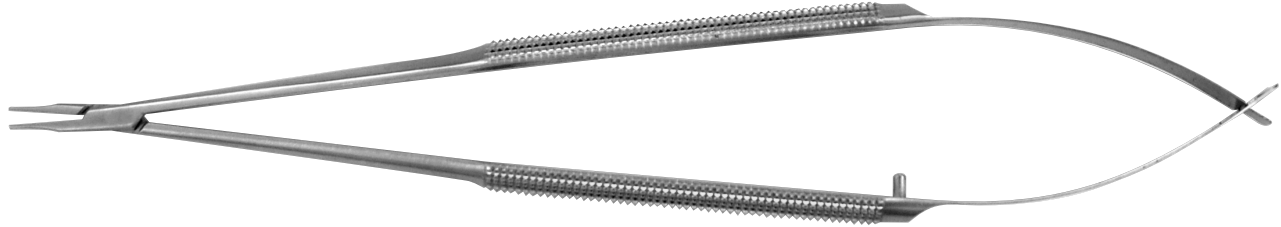
51-3143 straight, bottle nosed jaws, 1.0 mm tip

51-3144 curved, bottle nosed jaws, 1.0 mm tip

Micro Needle Holders

Micro Needle Holders, long

180 mm, 8 mm Ø round knurled handle, long tapered jaws



STAINLESS

Standard

51-3811	straight, 0.4 mm tip
51-3812	curved, 0.4 mm tip
51-3815	straight, 0.8 mm tip
51-3816	curved, 0.8 mm tip

With diamond coated tips

51-3811D	straight, 0.4 mm tip
51-3812D	curved, 0.4 mm tip
51-3815D	straight, 0.8 mm tip
51-3816D	curved, 0.8 mm tip

With smooth carbide inserts, 1.0 mm tip

51-3845	straight, long tapered jaws
51-3846	curved, long tapered jaws

With serrated carbide inserts, 1.0 mm tip

51-3861	straight, long tapered jaws
51-3862	curved, long tapered jaws

TITANIUM

Standard

51-3811T	straight, 0.4 mm tip
51-3812T	curved, 0.4 mm tip
51-3815T	straight, 0.8 mm tip
51-3816T	curved, 0.8 mm tip

With diamond coated tips

51-3811DT	straight, 0.4 mm tip
51-3812DT	curved, 0.4 mm tip
51-3815DT	straight, 0.8 mm tip
51-3816DT	curved, 0.8 mm tip

Micro Needle Holders/Scissors Combination

140 mm, 8 mm Ø round knurled handle, 5 mm needle holder + 5 mm scissors blades



51-3301	straight, plain
51-3302	curved, plain

51-3301D	straight, diamond coated jaws
51-3302D	curved, diamond coated jaws

Micro Forceps

Jeweler's Forceps

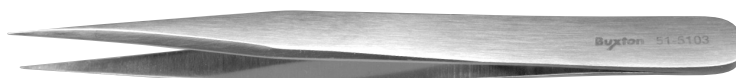
51-5101 125 mm, #1, straight



51-5102 120 mm, #3, straight



51-5103 110 mm, #3C, straight



51-5104 105 mm, #4, straight



51-5105 110 mm, #5, straight

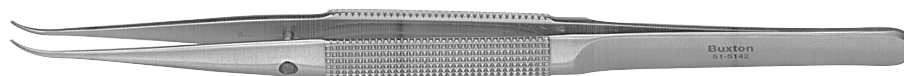


51-5108 110 mm, #5, angled 45°



Micro Tying Forceps

Round handle, 6 mm long tying platform



51-5141 Straight, 140 mm

51-5143 Straight, 140 mm, 1x2 teeth

51-5142 Curved, 140 mm

51-5144 Curved, 140 mm, 1x2 teeth

51-5181 Straight, 180 mm

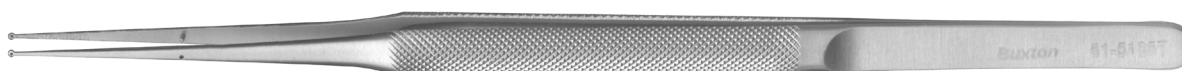
51-5183 Straight, 180 mm, 1x2 teeth

51-5182 Curved, 180 mm

51-5184 Curved, 180 mm, 1x2 teeth

Micro Ring Forceps

Round handle, 1 mm ring diameter



51-5145 Micro Ring Forceps, 150 mm

51-5145T Micro Ring Fcps, 150 mm, titanium

51-5185 Micro Ring Forceps, 180 mm

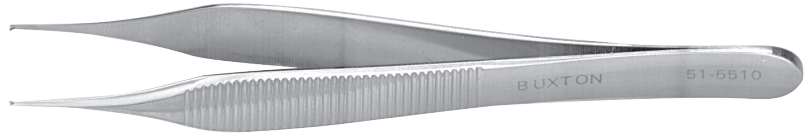
51-5185T Micro Ring Fcps, 180 mm, titanium

Micro Forceps & Hooks

Micro Fixation Forceps

120 mm, 45° forward angled 1x2 teeth

51-5510



Vessel Dilating Forceps

125 mm, straight, 0.5 mm x 5 mm tips

51-5917



Micro Hooks

Flat Handle, 125 mm

51-7511 single prong, 5 mm reach, sharp

51-7512 single prong, 5 mm reach, blunt



51-7521 single prong, 1.8 mm retro curve, sharp

51-7522 single prong, 1.8 mm retro curve, blunt



51-7531 double prong, 2.0 mm reach, sharp

51-7532 double prong, 2.0 mm reach, blunt

Twist Fixation Hook

110 mm, double helix fixation teeth

51-5911



Scissors

Stevens Tenotomy Scissors

103 mm, tapered

52-1107 straight
52-1108 curved



Stevens Tenotomy Scissors

110 mm, slim pattern, tapered

52-1109 straight
52-1110 curved



Stevens Dissecting Scissors

Tapered tips

52-1111 straight, 125 mm
52-1112 curved, 130 mm



Stevens Dissecting Scissors

145 mm, extra long 40 mm blades

52-1121 straight
52-1122 curved



Scissors

Stevens Dissecting Scissors

155 mm, tapered



52-1141 straight

52-1142 curved

Reynolds Dissecting Scissors

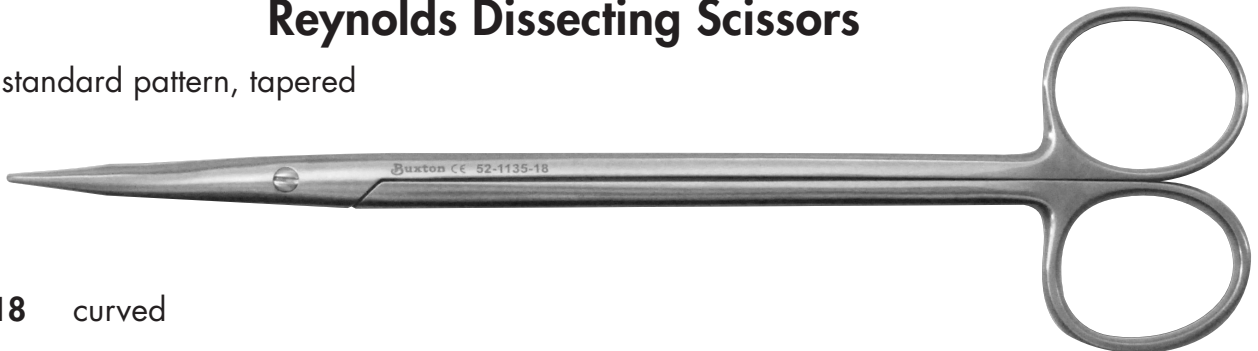
150 mm, slim pattern, extra long 40 mm blades, tapered



52-1135 curved

Reynolds Dissecting Scissors

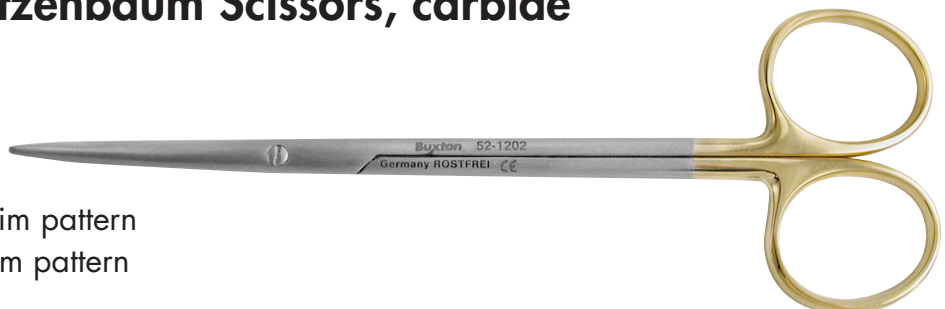
180 mm, standard pattern, tapered



52-1135-18 curved

Metzenbaum Scissors, carbide

145 mm, carbide inserts, blunt



52-1201 straight, carbide, slim pattern

52-1202 curved, carbide, slim pattern

52-1203 straight, carbide

52-1204 curved, carbide

Scissors

Metzenbaum Scissors

145 mm, blunt tips

- 52-1205** straight
- 52-1206** curved
- 52-1207** straight, heavy pattern
- 52-1208** curved, heavy pattern



Baby Metzenbaum Scissors, delicate

120 mm, delicate pattern, tapered

- 52-1303** straight
- 52-1304** curved



Baby Metzenbaum Scissors, standard

120 mm, standard pattern, blunt tips

- 52-1210** curved



Metzenbaum Scissors, carbide

180 mm, slim pattern, blunt tips

- 52-1214** curved, carbide

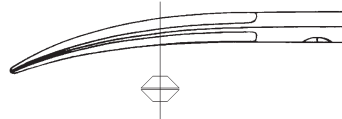


Scissors

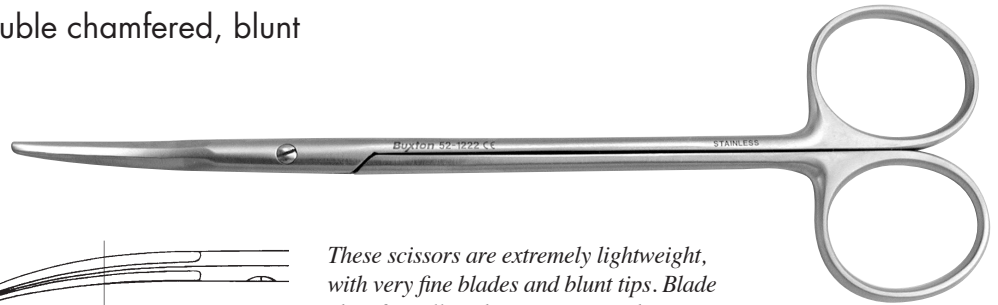
Buxton Dissecting Scissors

150 mm, delicate pattern, double chamfered, blunt

52-1222 curved



These scissors are extremely lightweight, with very fine blades and blunt tips. Blade chamfers allow the surgeon to achieve a more effective bilateral dissection.



Slim Dissecting Scissors

150 mm, slim pattern, pointed tip

52-1236 curved



Dissecting Scissors

145 mm, pointed tip

52-1307 straight
52-1308 curved



Peck-Joseph Scissors

145 mm, blunt, chamfered blades

52-1386 curved



Scissors

Ragnell Scissors

Blunt, spatula tips



52-1255 straight, 145 mm

52-1256 curved, 135 mm

Long Ragnell Scissors

150 mm, slim pattern, spatula tips



52-1232 curved, blunt

Fomon Scissors

130 mm, beveled, blunt



52-1316 strong curve

Joseph Scissors

145 mm, beveled, sharp



52-1381 straight

52-1382 curved

Scissors

Micro Iris Scissors

90 mm, beveled, sharp

- 52-1503** straight
- 52-1504** curved



Eye Scissors

100 mm, beveled blades, sharp

- 52-1511** straight
- 52-1512** curved
- 52-1591** straight, LEFT
- 52-1592** curved, LEFT



115 mm, beveled blades, sharp

- 52-1515** straight, carbide
- 52-1516** curved, carbide

Stevens Stitch Scissors

105 mm, tapered blades

- 52-1606** curved, petite blades
- 52-1610** curved, standard



European Stitch Scissors

105 mm, finely tapered tip

- 52-1608** curved



Scissors

Stitch Scissors

110 mm, beveled blades, sharp

- 52-1621** straight
- 52-1622** curved



Spencer Stitch Scissors

90 mm, with stitch-lifting notched blade

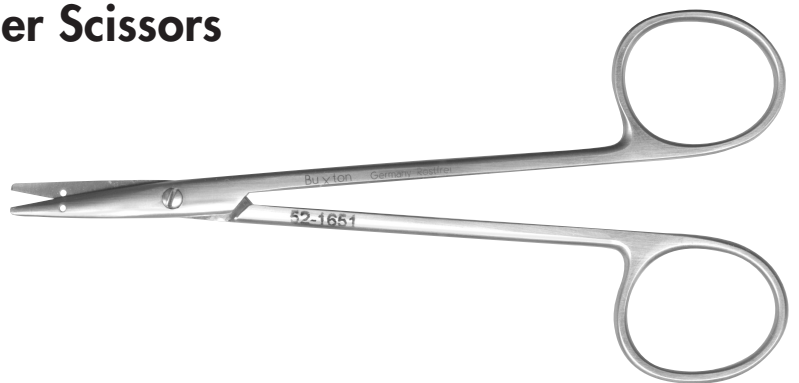
- 52-1641** straight
- 52-1642** crescent



Littler Scissors

Blunt tips with suture holes, curved blades

- 52-1651** 120 mm
- 52-1652** 120 mm, LEFT
- 52-1657** 180 mm



Wagner Scissors

120 mm, beveled blade, pointed tips

- 52-1525** straight, carbide



Scissors

Rees Scissors

170 mm, chamfered blades, heavy pattern, serrated



52-1387 curved, carbide

Universal Wire Cutting Scissors

120 mm, serrated



52-1715 angled, carbide

Smith Wire Cutting Scissors

160 mm, serrated

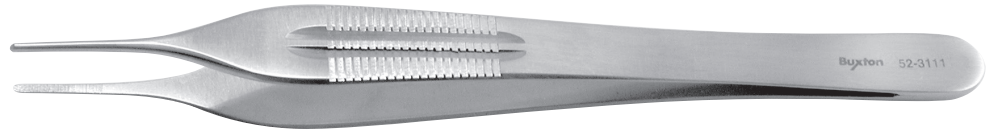


52-1731 carbide

Forceps

Buxton-Adson Dressing Forceps

145 mm, serrated jaws, jumbo handle with deep grip serrations

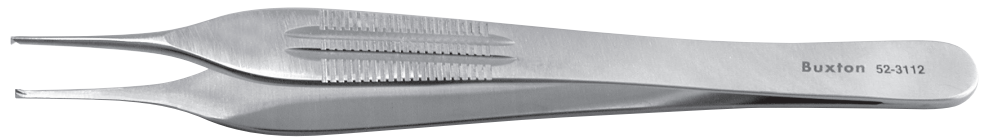


52-3111 1.2 mm jaws

52-3121 2.0 mm jaws

Buxton-Adson Tissue Forceps

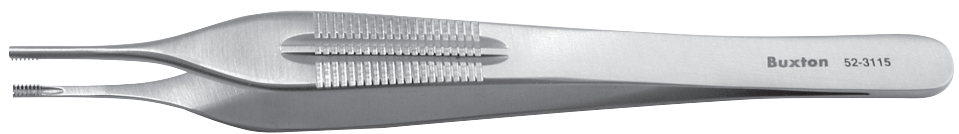
145 mm, 1x2 teeth, jumbo handle with deep grip serrations



52-3112 1.25 mm jaws

Buxton-Brown-Adson Tissue Forceps

145 mm, , double rows of lateral teeth, jumbo handle with deep grip serrations



52-3115 2.0 mm jaws

Forceps

Adson Dressing Forceps

120 mm, serrated jaws

52-3133 0.5 mm jaws, extra fine

52-3135 1.0 mm jaws



125 mm, Carbide

52-3137 1.75 mm jaws, cross-serrated



Adson Tissue Forceps

120 mm, 1x2 teeth

52-3143 0.5 mm jaws, extra fine

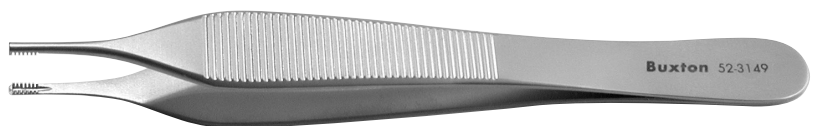
52-3145 1.0 mm jaws



Brown-Adson Tissue Forceps

125 mm, double rows of lateral teeth

52-3149 2.0 mm jaws

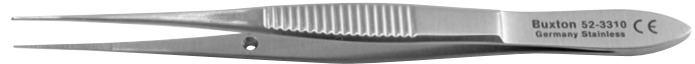


Forceps

Dressing Forceps

100 mm, extra delicate, serrated jaws

52-3310 straight



52-3314 light curve



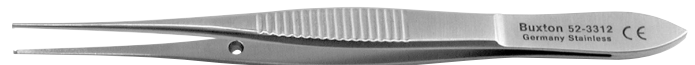
52-3318 strong curve



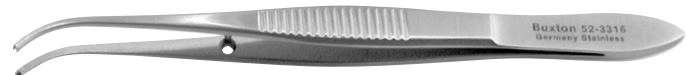
Tissue Forceps

100 mm, extra delicate, 1x2 teeth

52-3312 straight



52-3316 light curve



52-3320 strong curve



Hemostats

Micro-Mosquito Hemostat

125 mm, extra delicate frame, serrated

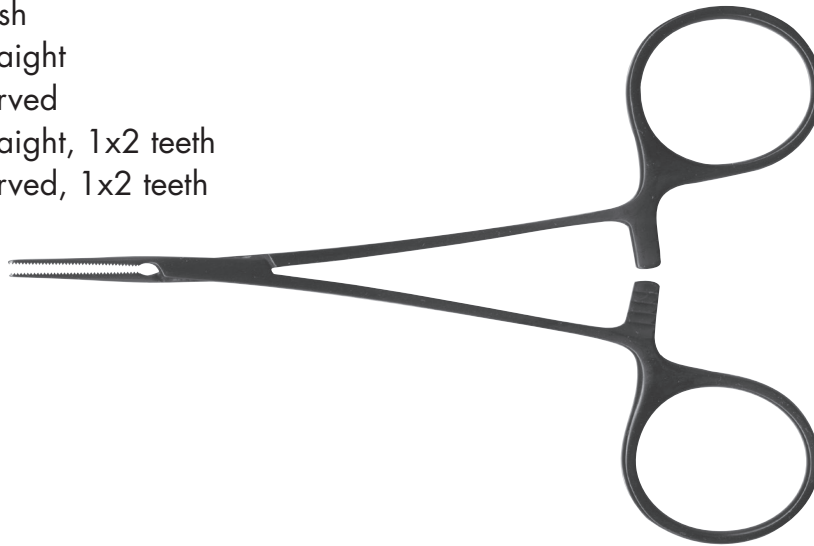
Satin Finish

- 52-4011** straight
- 52-4012** curved
- 52-4013** straight, 1x2 teeth
- 52-4014** curved, 1x2 teeth



Black Ceramic Finish

- 52-4021** straight
- 52-4022** curved
- 52-4023** straight, 1x2 teeth
- 52-4024** curved, 1x2 teeth



Halsted Mosquito Forceps

120 mm, serrated, 1x2 teeth



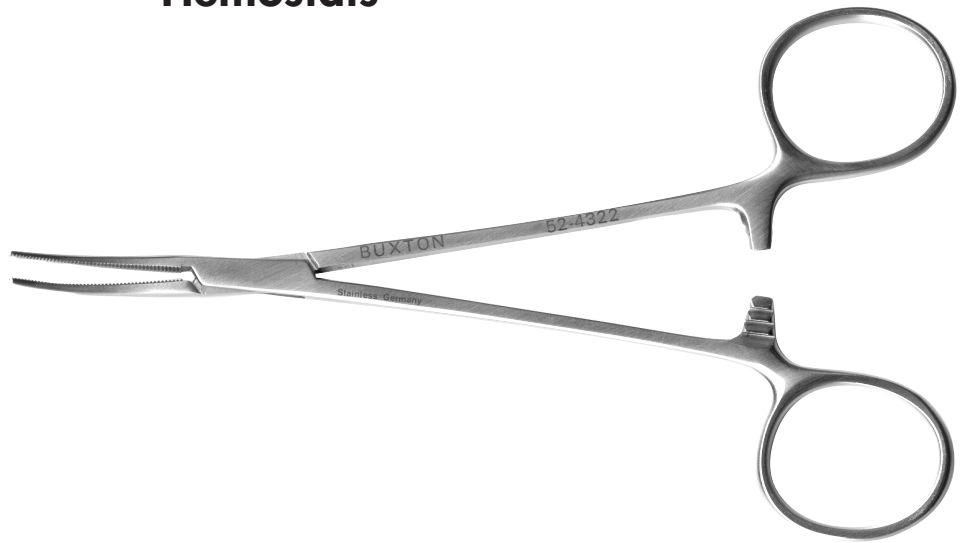
- 52-4074** curved

Hemostats

Hemostats

150 mm, serrated

52-4321 straight
52-4322 curved



Suture Tying Forceps

140 mm, smooth thin jaws, straight

52-9010



Hemostat & Suture Holding Forceps

120 mm, curved, finely cross-serrated jaws, distinct black handles

52-9020



Retractors

Hooks

165 mm, flat handle, 7 mm reach



52-5111 1 Prong, sharp

52-5112 1 Prong, blunt

52-5113 2 Prong, sharp

52-5114 2 Prong, blunt

52-5115 3 Prong, sharp

52-5116 3 Prong, blunt

52-5117 4 Prong, sharp

52-5118 4 Prong, blunt

Hooks

165 mm, flat handle, 9 mm reach



52-5121 1 Prong, sharp

52-5122 1 Prong, blunt

52-5123 2 Prong, sharp

52-5124 2 Prong, blunt

52-5125 3 Prong, sharp

52-5126 3 Prong, blunt

52-5127 4 Prong, sharp

52-5128 4 Prong, blunt

Retractors

Flexible Neck Hooks

150 mm, flat handle, spring neck, 4 mm reach



52-5151 1 Prong, sharp

52-5152 1 Prong, blunt

52-5153 2 Prong, sharp

52-5154 2 Prong, blunt

52-5155 3 Prong, sharp

52-5156 3 Prong, blunt

52-5157 4 Prong, sharp

52-5158 4 Prong, blunt

Rakes

Flat handle, 135 mm, 3.0 mm reach



52-5231 6 Prong, sharp

52-5234 9 Prong, sharp

52-5235 9 Prong, blunt

Joseph Hooks

160 mm, knurled handle, sharp, fine double prongs, 4 mm reach



52-5243 3 mm spread

52-5245 5 mm spread

52-5248 8 mm spread

Retractors

Kleinert-Kutz Hooks

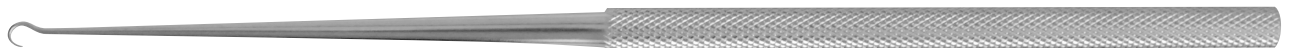
160 mm, knurled handle, sharp, retro hook



52-5301	small
52-5302	medium
52-5303	large

Gillies Hooks

180 mm, knurled handle, retro hook



52-5331	3.8 mm, sharp
52-5332	3.8 mm, blunt
52-5341	7.0 mm, sharp
52-5342	7.0 mm, blunt

Buxton Skin Hooks

175 mm, square handle, 2 prong, delicate pattern



52-5411	2.2 mm, sharp
52-5412	2.2 mm, blunt
52-5413	3.0 mm, sharp
52-5414	3.0 mm, blunt
52-5417	5.0 mm, sharp
52-5418	5.0 mm, blunt

Retractors

Flat Handle Nerve Hooks

165 mm, flat handle



52-5421 9 mm reach

Square Handle Retractors

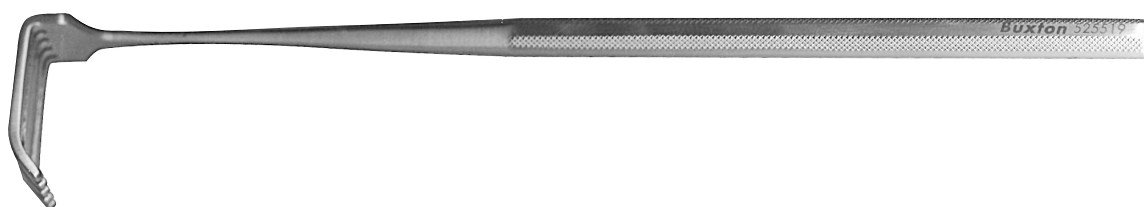
175 mm, square handle, 2 broad, blunt prongs



52-5512 20 mm reach

Square Handle Retractors

175 mm, square handle, 5 prongs, blunt



52-5519 25 mm reach

Moberg Retractors

175 mm, contoured handle



52-5514 14 mm reach

52-5515 17 mm reach

52-5517 25 mm reach

Retractors

Tessier Demarres Retractors

145 mm, flat handle



- 52-5535** 10 mm wide
- 52-5536** 17 mm wide
- 52-5537** 20 mm wide

Square Handle Blade Retractors, fenestrated

175 mm, square handle



- 52-5521** 12 mm wide
- 52-5522** 14 mm wide
- 52-5523** 16 mm wide
- 52-5524** 19 mm wide

Square Handle Blade Retractors, solid

175 mm, square handle



- 52-5541** 12 mm wide
- 52-5542** 14 mm wide
- 52-5543** 16 mm wide
- 52-5544** 19 mm wide

Stack Fork Retractor

180 mm, knurled handle, two blunt prongs, inside serrations



- 52-5551** 15 mm reach
- 52-5552** 22 mm reach

Retractors

Senn-Miller Retractors

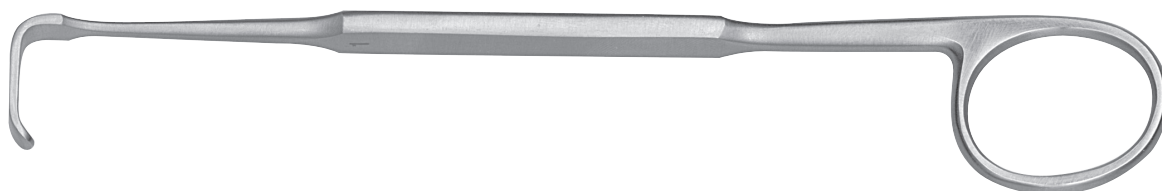
160 mm, Double end: 3-prong hook and smooth 20 x 6 mm blade



52-5571 sharp prongs
52-5572 blunt prongs

Meyerding Retractor

175 mm, flat handle with finger ring



52-5561 18 mm reach, 7 mm width

Carpal Tunnel Retractor

175 mm, flat handle with finger ring, acute angle



52-5563 20 mm reach, 10 mm width

Retractors

Trigger Finger Retractor

175 mm, flat handle with finger ring, acute angle



52-5583-10 10 mm reach, 7 mm width



52-5583-12 12 mm reach, 7 mm width



52-5583-14 14 mm reach, 7 mm width



52-5583-20 20 mm reach, 7 mm width



Carpal "Chunnel" Retractor

165 mm, flat handle with finger ring, retro angled



52-5593 30 mm reach, 15 mm width

52-5593

52-5594 30 mm reach, 10–15 mm width, tapered

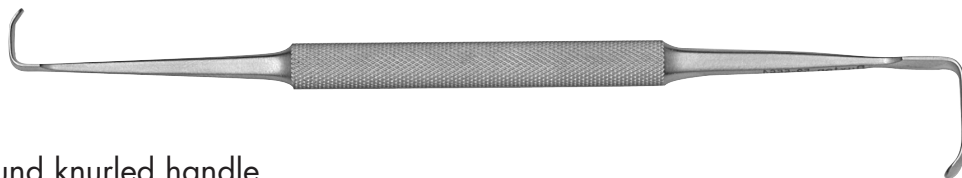
52-5594



Retractors

Kleinert Ragnell Retractors

Double end, Blade A: 3 x 8 mm, Blade B: 5 x 15 mm



52-5564 145 mm long, round knurled handle



52-5565 140 mm, oval handle

Mini Roux "S" Retractors

140mm, double end, ribbon handle



52-5567 Blade A: 6 x 6 mm, Blade B: 8 x 8 mm blades

Rose Retractors

155 mm, double end, flat ribbon handle



52-5569 Blade A: 11 x 11 mm, Blade B: 14 x 12 mm

Self-Retaining Retractors

Alm Retractors, 70 mm long frame

52-5721	4 mm reach, sharp	4 mm
52-5722	4 mm reach, blunt	J
52-5723	8 mm reach, sharp	8 mm
52-5724	8 mm reach, blunt	J
52-5725	12 mm reach, sharp	12 mm
52-5726	12 mm reach, blunt	J



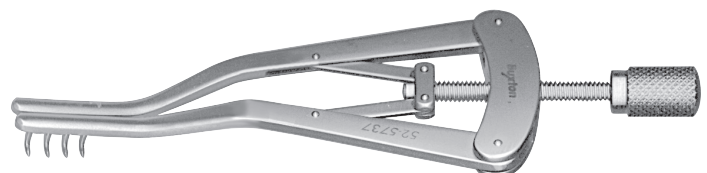
Alm Retractors, 100 mm long frame

52-5731	5 mm reach, sharp	5 mm
52-5732	5 mm reach, blunt	J
52-5733	10 mm reach, sharp	10 mm
52-5734	10 mm reach, blunt	J
52-5735	15 mm reach, sharp	15 mm
52-5736	15 mm reach, blunt	J



Alm Retractors, bayonet frame, 100 mm

52-5737	4 mm reach, sharp	4 mm
52-5738	4 mm reach, blunt	J



Self-Retaining Retractors

Heiss Retractors

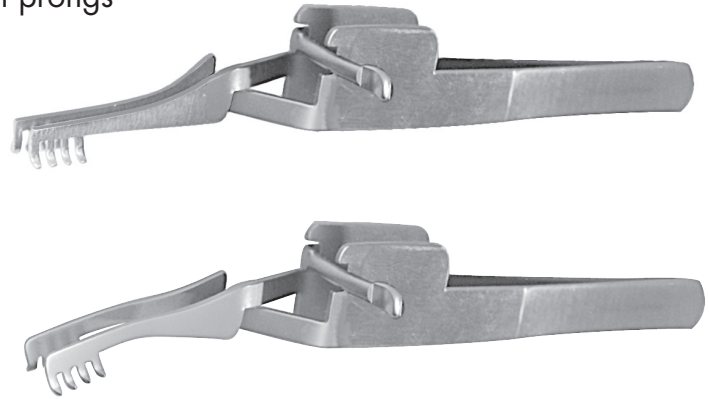
100 mm, 4x4 teeth, one-handed retraction, 3 mm prongs

Straight Shaft

52-5751	3.0 mm reach, sharp	3.0 mm
52-5752	3.0 mm reach, blunt	J

Angled Shaft

52-5772	3.0 mm reach, sharp	3.0 mm
52-5771	3.0 mm reach, blunt	J



Holzheimer Retractors

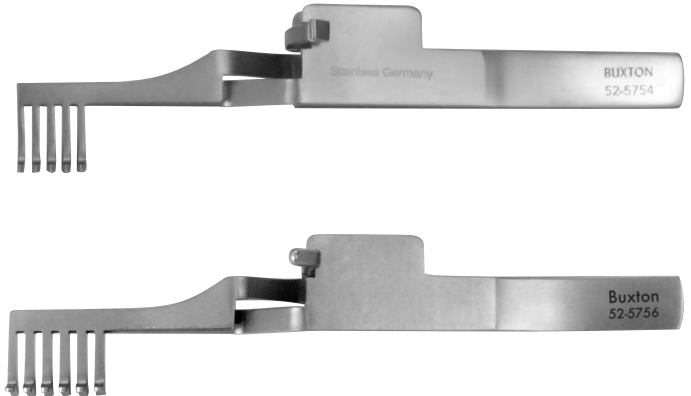
105mm frame, straight shaft, one-handed retraction, 10 mm deep prongs

10 mm wide pronged blades

52-5753	10 mm reach, sharp	10 mm
52-5754	10 mm reach, blunt	J

15 mm wide pronged blades

52-5755	10 mm reach, sharp	10 mm
52-5756	10 mm reach, blunt	J



Carpal "Cricket" Retractor, solid toothed blades

100 mm, 4x4 teeth on deep, solid blades, one-handed retraction, angled shaft

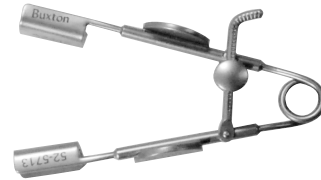
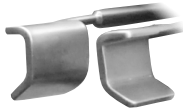
52-5776	10 mm reach, sharp
52-5775	10 mm reach, blunt



Self-Retaining Retractors

Trigger Finger Spring Retractor

50 mm frame, solid atraumatic blades, spring loaded with locking knob



52-5713 7 mm deep, 10mm wide blades

Spring Retractors

Various lengths, parallel retraction, one handed action

Spring Retractor Frames

- 52-5811** Small frame, solid blades
- 52-5813** Medium frame, two prong blades
- 52-5815** Large frame, three pronged blades

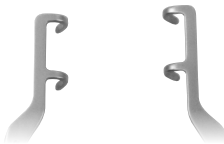


Center blade attachment for any Spring frame

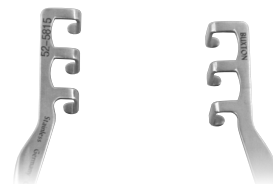
- 52-5817** 12 mm deep, solid blade



52-5811



52-5813



52-5815

Buxton Wound Spreader

110 mm, 2x3 interdigitating teeth, extra delicate arms

- 52-5761** sharp
- 52-5762** blunt



Self-Retaining Retractors

Buxton Wound Spreader

135 mm, 3x4 interdigitating teeth, extra delicate arms

52-5763 sharp
52-5764 blunt



Buxton Wound Spreader with Post

110 mm, 2x3 interdigitating teeth, extra delicate arms, suture post

52-5765 sharp
52-5766 blunt



135 mm, 3x4 interdigitating teeth, extra delicate arms, suture post

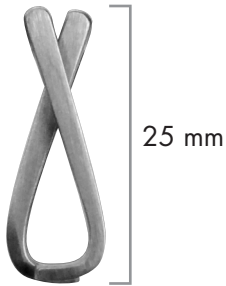
52-5767 sharp
52-5768 blunt



Self-Retaining Retractors

Deep Weitlaner

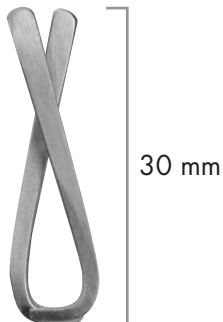
110 mm, 2x3 interdigitating teeth, 25 mm deep



52-5781 sharp
52-5782 blunt

Deep Weitlaner

110 mm, 2x3 interdigitating teeth, 30 mm deep



52-5783 sharp
52-5784 blunt

Distal Radius Retractors

Radiolucent Blades

Carbon fiber, metal swivel hubs, 30 mm wide, gentle teeth, Made in USA.

52-5852CF 15 mm deep
52-5855CF 30 mm deep

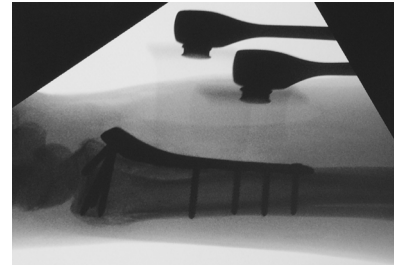
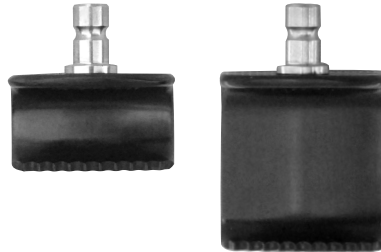
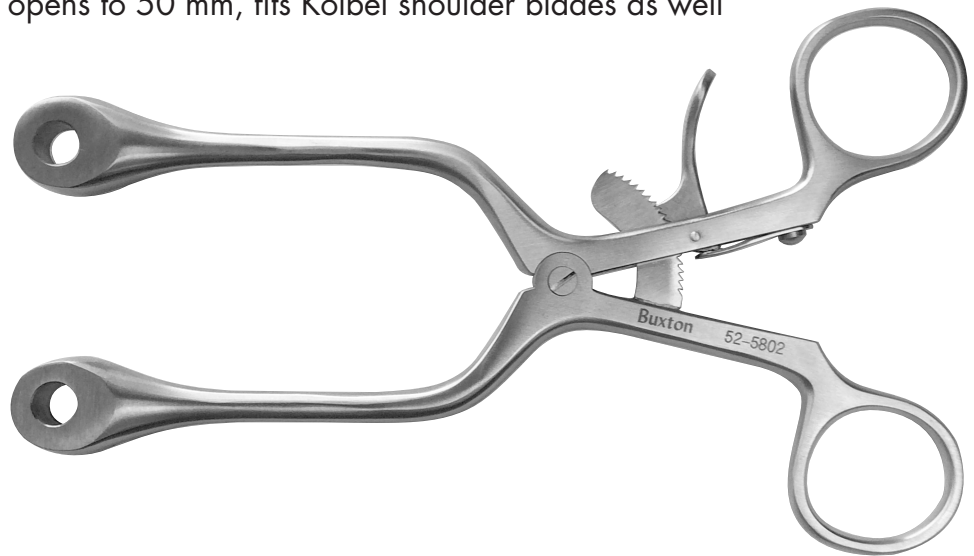


Photo courtesy of Raymond K. Wurapa, MD

Small Frame for Distal Radius Retractor

145 mm long, Weitlaner style, opens to 50 mm, fits Kölbel shoulder blades as well

52-5802 Frame alone



Stainless Steel Blades

Stainless steel blades with atraumatic teeth, various sizes

52-5852 30 mm wide, 15 mm deep
52-5855 30 mm wide, 30 mm deep
52-5853 42 mm wide, 15 mm deep
52-5856 42 mm wide, 30 mm deep

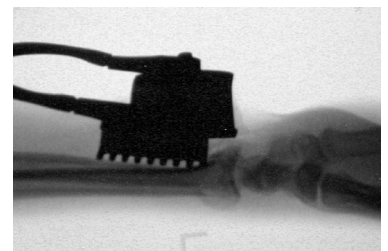


Photo courtesy of Raymond K. Wurapa, MD

Distal Radius Retractors

Distal Radius Fracture Retractor Sets, carbon fiber

Retractor system with interchangeable **RADIOLUCENT** blades



52-5802
Frame



52-5852CF
Blade: 30x15 mm



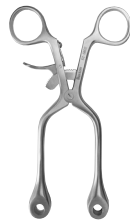
52-5855CF
Blade: 30x30 mm

52-5861	1 frame	2 each	
52-5862	1 frame		2 each
52-5863	1 frame	1 each	1 each
52-5864	1 frame	2 each	2 each

- 52-5861** Distal Radius Fracture Retractor Set with 2 short carbon fiber blades
- 52-5862** Distal Radius Fracture Retractor Set with 2 long carbon fiber blades
- 52-5863** Distal Radius Fracture Retractor Set with 1 short + 1 long carbon fiber blade
- 52-5864** Distal Radius Fracture Retractor Set with 2 short + 2 long carbon fiber blade

Distal Radius Fracture Retractor Sets, stainless

Retractor system with interchangeable stainless blades



52-5802
Frame



52-5852
Blade: 30x15 mm



52-5855
Blade: 30x30 mm



52-5853
Blade: 42x15 mm



52-5856
Blade: 42x30 mm

52-5841	1 frame	2 each			
52-5842	1 frame		2 each		
52-5843	1 frame			1 each	1 each
52-5844	1 frame	2 each	2 each	2 each	2 each

- 52-5841** Distal Radius Fracture Retractor Set with 2 short 30 mm wide stainless blades
- 52-5842** Distal Radius Fracture Retractor Set with 2 long 30 mm wide stainless blades
- 52-5843** Distal Radius Fracture Retractor Set with 1 short + 1 long 42 mm wide stainless blade
- 52-5844** Distal Radius Fracture Retractor Set with 8 stainless blades

Vessel Clamps & Tourniquets

Miniature Serrefines

Approximately 50 mm long, 1.2 mm wide jaws

52-7141 light curve



52-7142 strong curve



52-7143 right angle, 5 mm reach



52-7144 right angle, 10 mm reach



Micro Bulldog Clamps

Approximately 35 mm long, 0.75 mm jaws

52-7171 straight

52-7172 lightly curved

52-7173 curved 180°

52-7174 angled 45°

52-7175 angled 60°

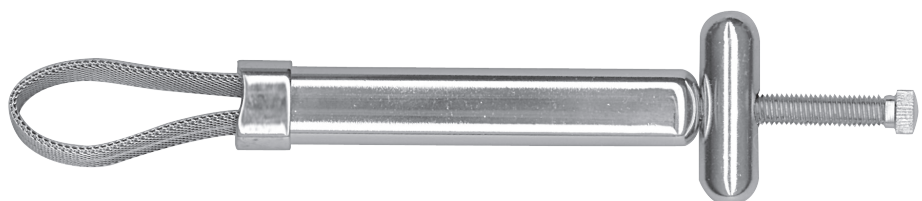
52-7176 angled 90°



Digital Tourniquets

140 mm, autoclavable, woven metal strap provides broad, steady, adjustable compression

52-9000 8 mm wide strap



Needle Holders

Halsey Needle Holder

120 mm, ring handles, carbide

52-8111 fine serrations, right handed



Webster Needle Holder

130 mm, ring handles, smooth carbide jaws

52-8121 right handed

52-8821 left handed

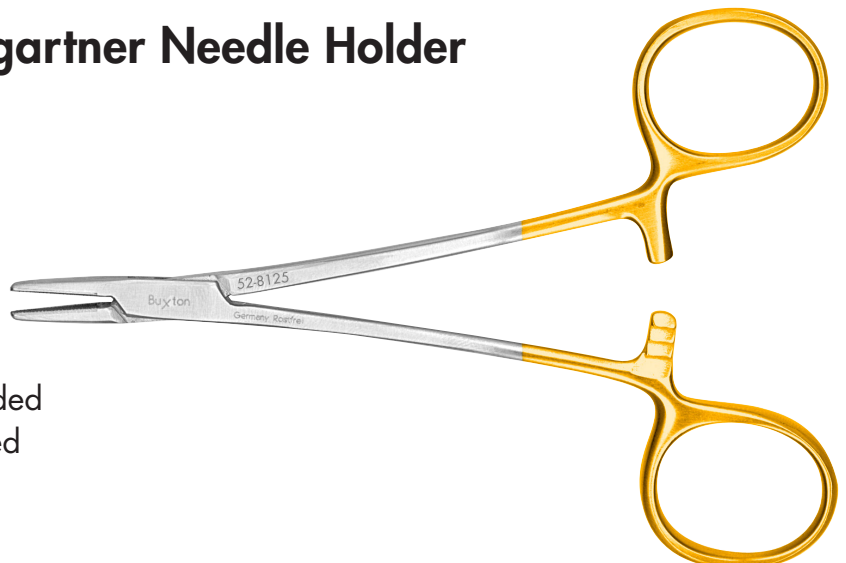


Baumgartner Needle Holder

130 mm, ring handles, carbide

52-8125 fine serrations, right handed

52-8825 fine serrations, left handed

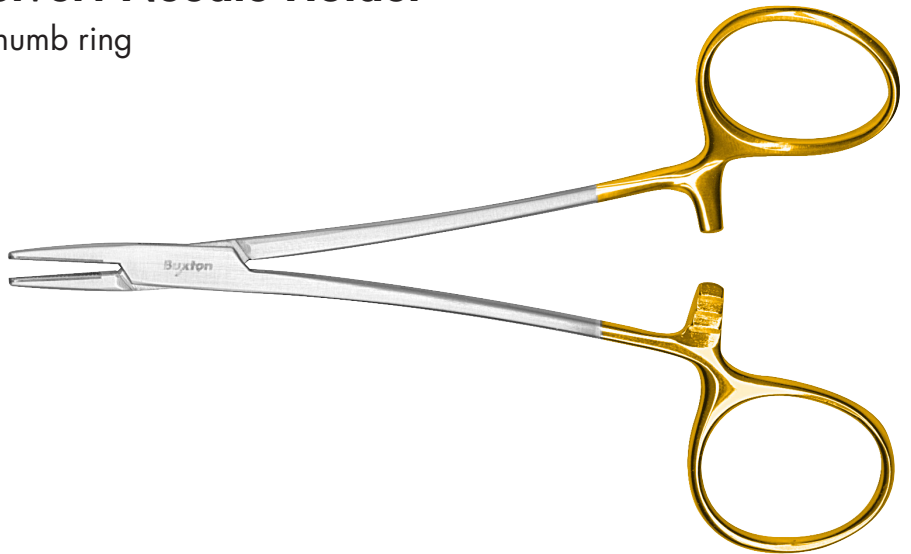


Needle Holders

Neivert Needle Holder

130 mm, carbide, ergonomic offset thumb ring

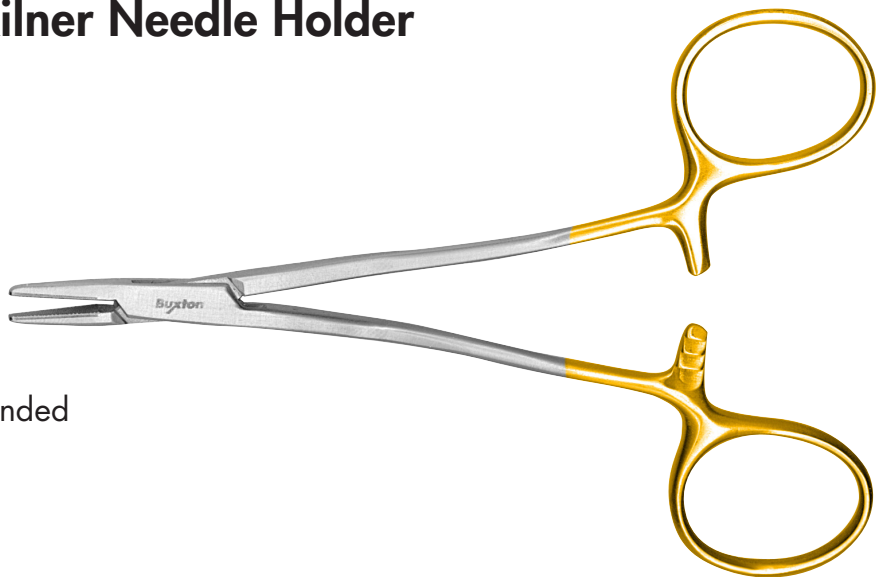
52-8131 right handed



Kilner Needle Holder

130 mm, carbide, offset handle

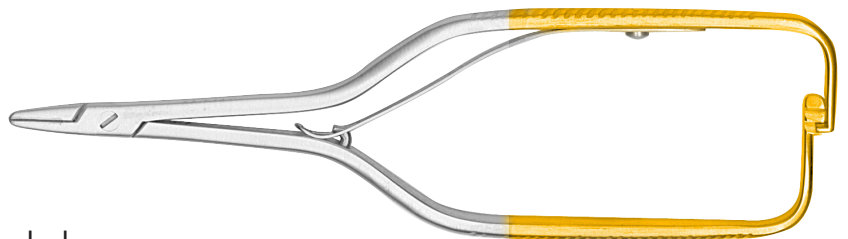
52-8161 fine serrations, right handed



Boynton Needle Holder

120 mm, carbide, spring handle, fine tip

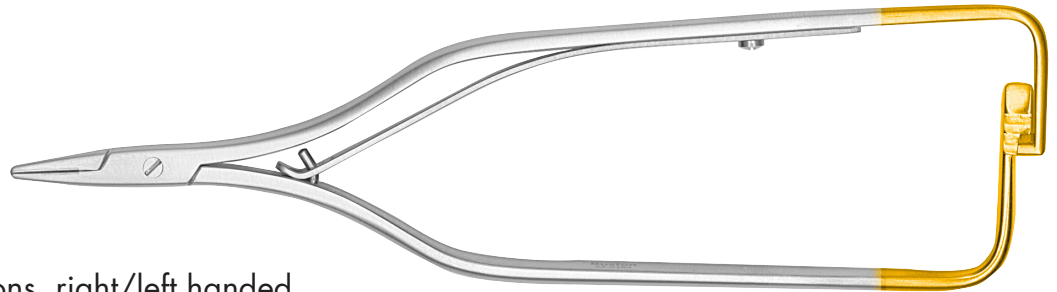
52-8191 fine serrations, right/left handed



Needle Holders

Arruga Needle Holder

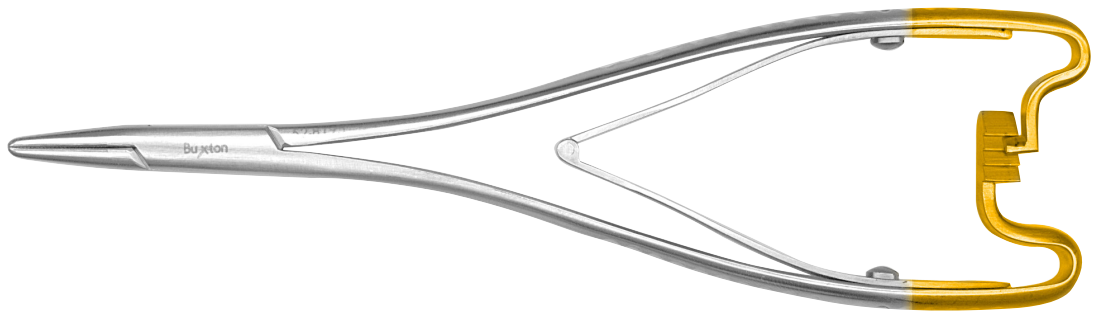
160 mm, carbide, spring handle, fine jaws



52-8193 fine serrations, right/left handed

Buck-Gramcko Needle Holder

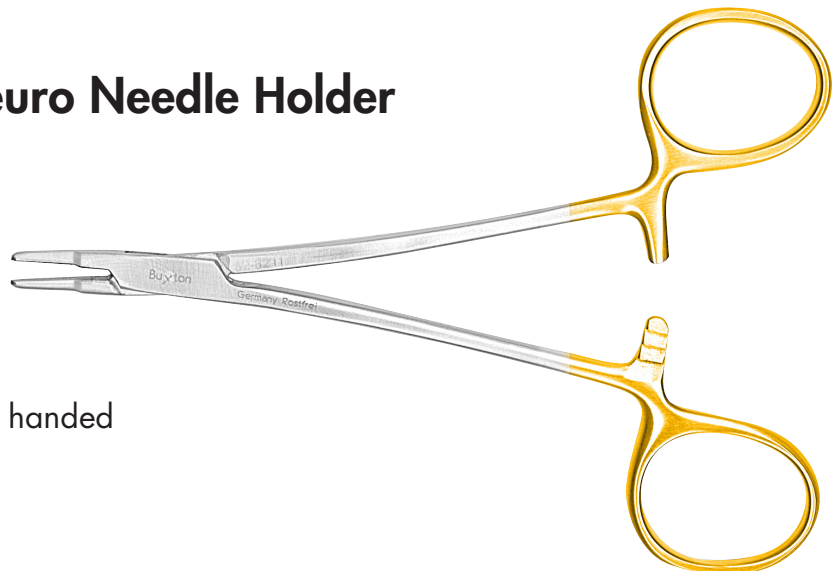
165 mm, carbide, spring handle, heavy duty jaws



52-8195 fine serrations, right/left handed

Neuro Needle Holder

130 mm, carbide, 1.5 mm wide jaws



52-8211 very fine serrations, right handed

Needle Holders

Olsen-Hegar Needle Holder/Scissors

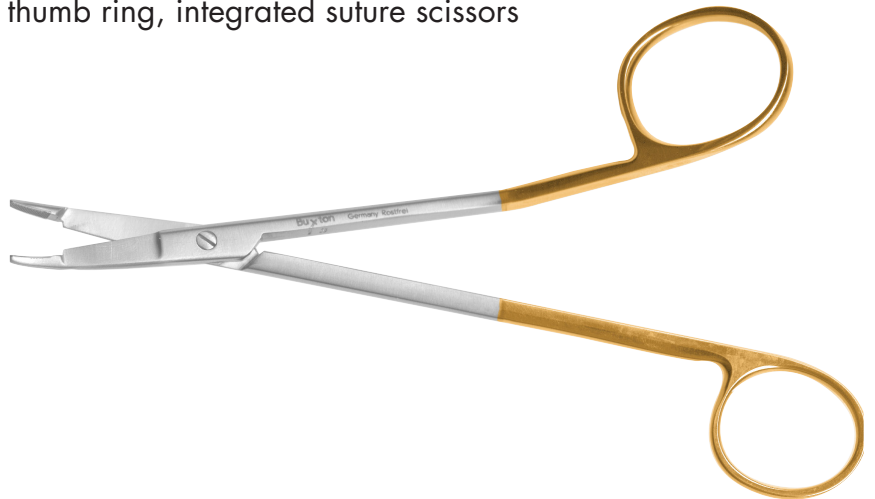
Carbide, straight jaws, integrated suture scissors



- 52-8215** 120 mm, fine, right handed
- 52-8221** 140 mm, heavy duty, right handed

Gillies Needle Holder/Scissors

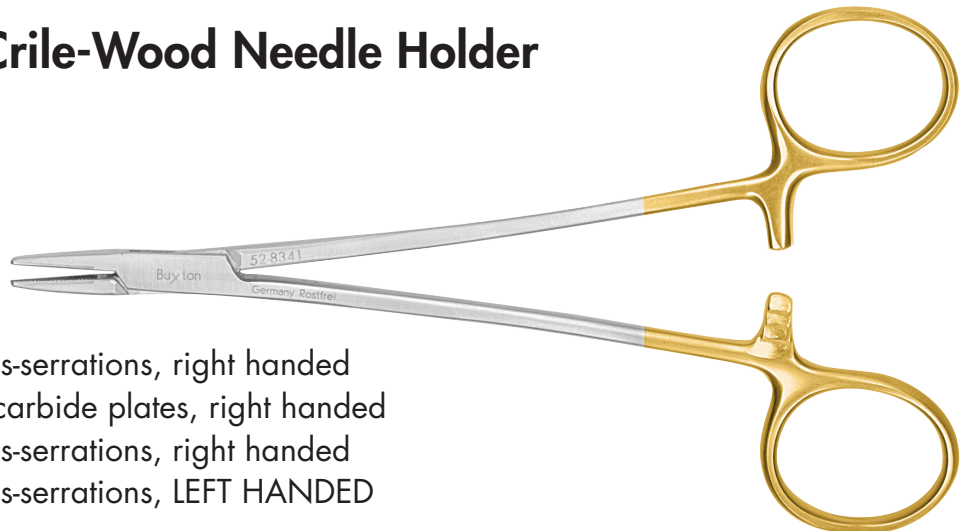
150 mm, carbide, curved jaws, angled thumb ring, integrated suture scissors



- 52-8231** 130 mm, right handed
- 52-8235** 160 mm, right handed

Crile-Wood Needle Holder

Various lengths, carbide



- 52-8341** 160 mm, fine cross-serrations, right handed
- 52-8342** 150 mm, smooth carbide plates, right handed
- 52-8343** 150 mm, fine cross-serrations, right handed
- 52-8843** 150 mm, fine cross-serrations, LEFT HANDED

Tendon Strippers

Brand Tendon Strippers

Wire loop handle, shafts from 285 through 600 mm, circular cutting blade for harvesting grafts



Whole Cutting Circle, measured from the inner diameter

3 mm Ø		4 mm Ø		5 mm Ø		6 mm Ø	
54-1012	285 mm	54-1021	285 mm	54-1032	285 mm	54-1041	285 mm
54-1014	350 mm	54-1022	350 mm	54-1034	350 mm	54-1042	350 mm
54-1016	500 mm	54-1026	500 mm	54-1036	500 mm	54-1046	500 mm
54-1018	600 mm	54-1028	600 mm	54-1038	600 mm	54-1048	600 mm

Slotted Cutting Circle, measured from the inner diameter

3 mm Ø		4 mm Ø		5 mm Ø		6 mm Ø	
54-1112	285 mm	54-1121	285 mm	54-1132	285 mm	54-1141	285 mm
54-1114	350 mm	54-1122	350 mm	54-1134	350 mm	54-1142	350 mm
54-1116	500 mm	54-1126	500 mm	54-1136	500 mm	54-1146	500 mm
54-1118	600 mm	54-1128	600 mm	54-1138	600 mm	54-1148	600 mm

Bunnell Tendon Strippers

150 mm, knurled handle, slotted to encircle tendon without severing



54-1081	2.5 mm Ø
54-1082	3.0 mm Ø
54-1083	4.0 mm Ø
54-1084	5.0 mm Ø
54-1085	6.0 mm Ø
54-1086	7.0 mm Ø

Tendon Retrievers

Kleinert-Kutz Tendon Retrievers

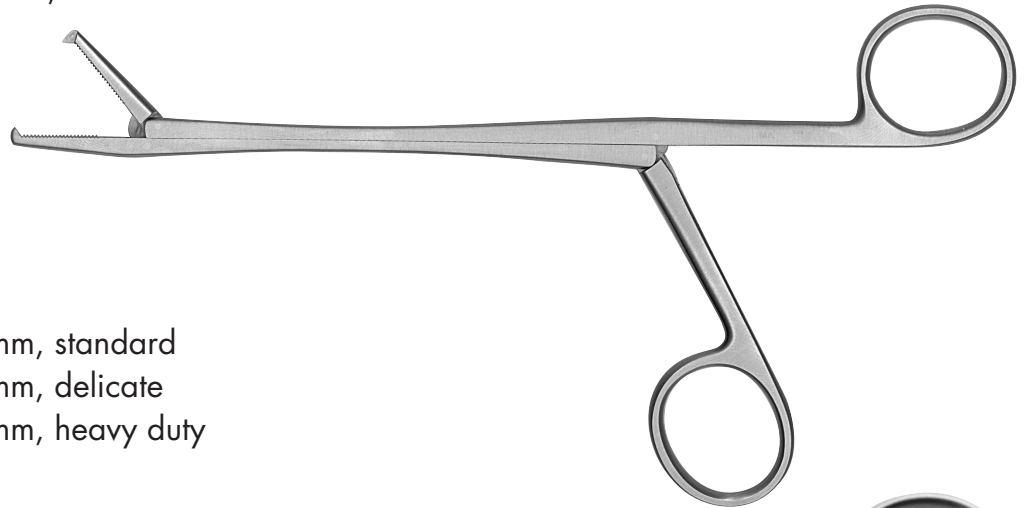
205 mm long, flexible shaft, extra delicate 1x2 jaws



54-3011 flexible, 2.0 mm

Anderson-Brand Tendon Retrievers

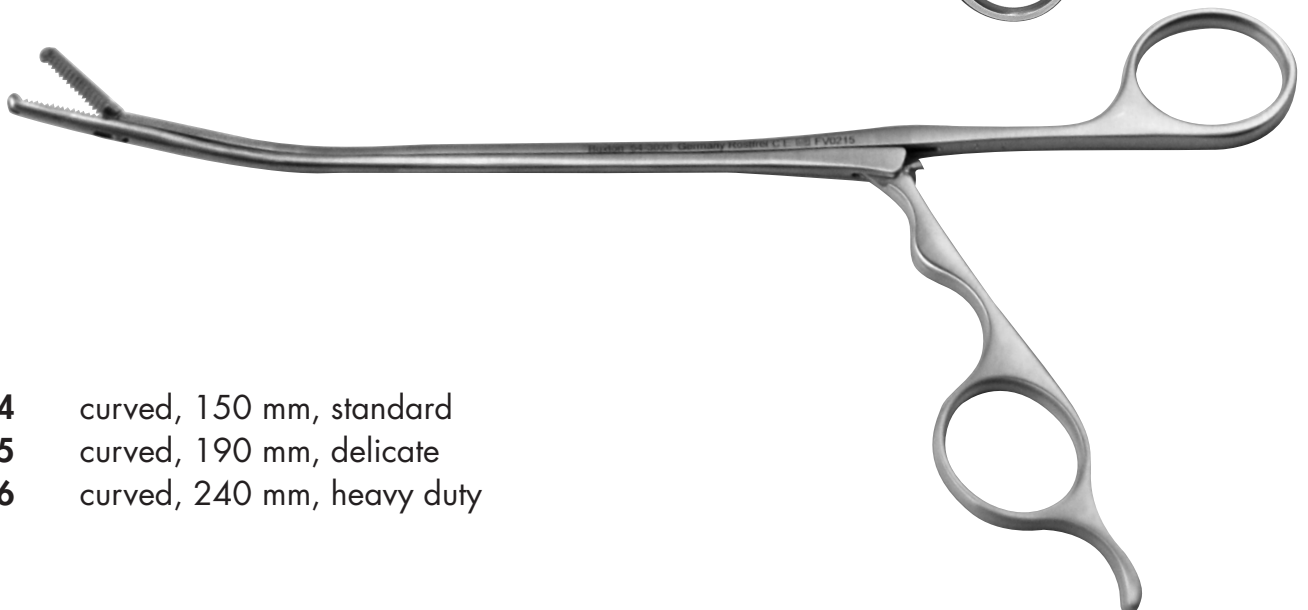
"Viper" shaped head, 1x2 teeth, serrations



54-3021 straight, 150 mm, standard

54-3022 straight, 190 mm, delicate

54-3023 straight, 240 mm, heavy duty



54-3024 curved, 150 mm, standard

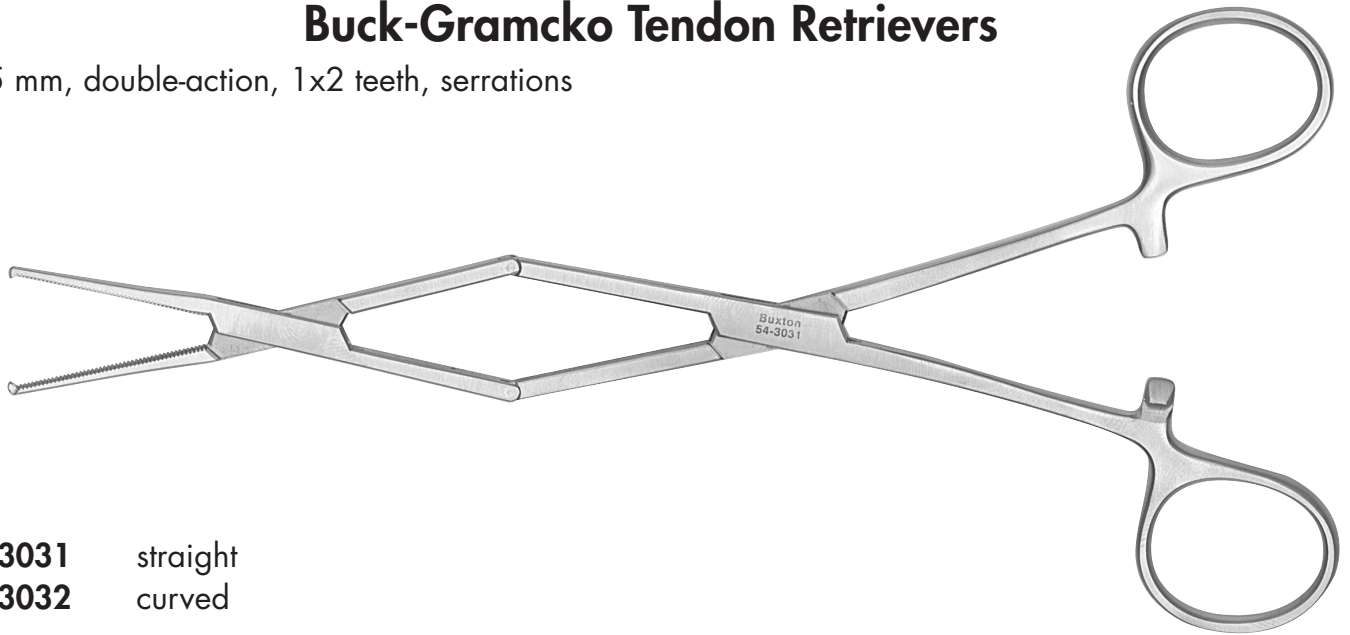
54-3025 curved, 190 mm, delicate

54-3026 curved, 240 mm, heavy duty

Tendon Retriever & Approximator

Buck-Gramcko Tendon Retrievers

205 mm, double-action, 1x2 teeth, serrations



54-3031 straight
54-3032 curved

Carroll Tendon Retrievers

110 mm shaft, curved, serrated jaws



54-3042

Tendon Approximator

45 mm long, cannulated arms, locking screws



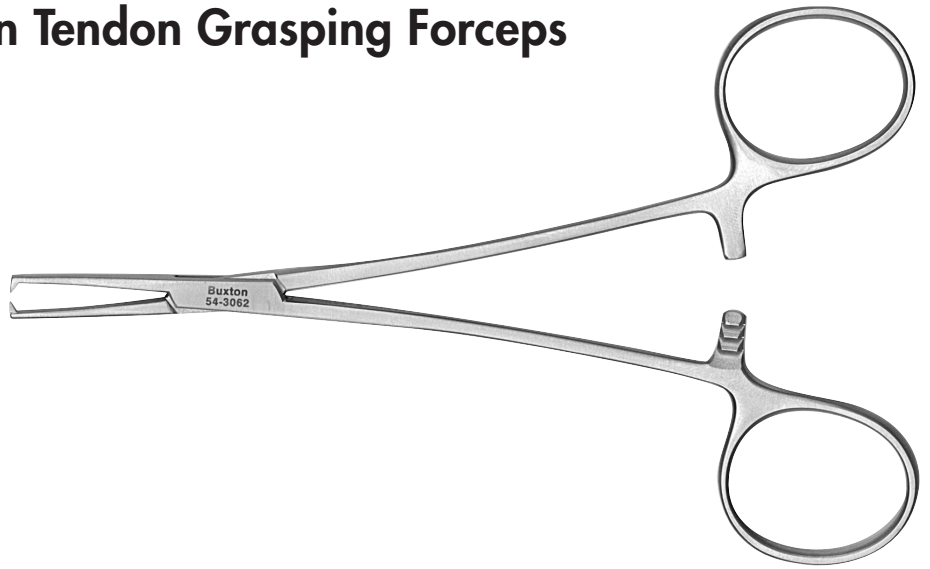
54-7320 25 mm spread

Tendon Forceps

Buxton Tendon Grasping Forceps

145 mm, 2x2 viper teeth

54-3062



Halsted Tendon Grasping Forceps

125 mm, serrated

54-3092

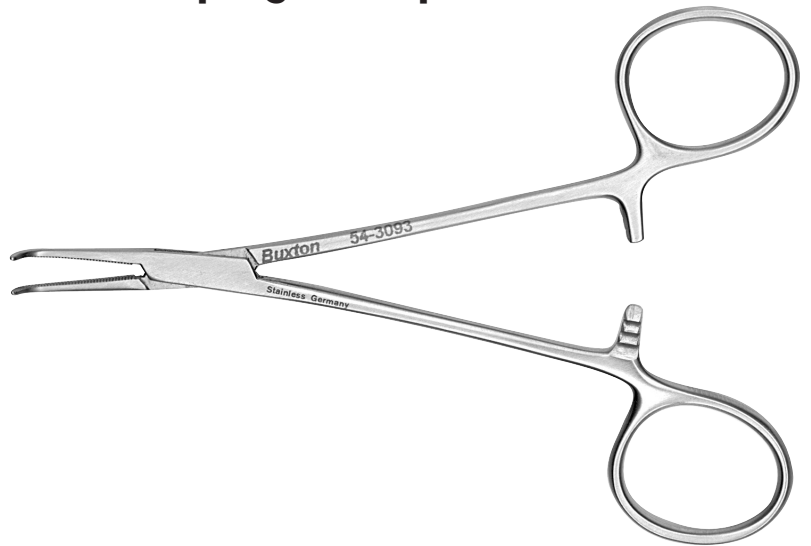
light curve

54-3093

medium curve

54-3094

strong curve



Larson Tendon Grasping Forceps

100 mm, grooved jaws

54-9012

2.0 mm Ø

54-9013

3.0 mm Ø

54-9014

4.0 mm Ø

54-9015

5.0 mm Ø



Tendon Forceps

Tendon Braiding Forceps

Featuring stabilizing double pin, sharp lance tip



- 54-3101** 120 mm, straight
- 54-3102** 120 mm, curved



- 54-3103** 150 mm, straight
- 54-3104** 150 mm, curved

- 54-3100** Set of Four Tendon Braiding Forceps

Tendon Passers

Bunnell Tendon Passer

230 mm, malleable, slit in cone end for attaching sutures



54-5011

Tendon Passing Probe

230 mm, eye at each end for attaching sutures



54-5012 2.5 mm diameter

Dietrich Tendon Fixation Needle

45 mm



54-9022 0.7 mm pin diameter

Tendon Hook

165 mm, flat handle, ball tip

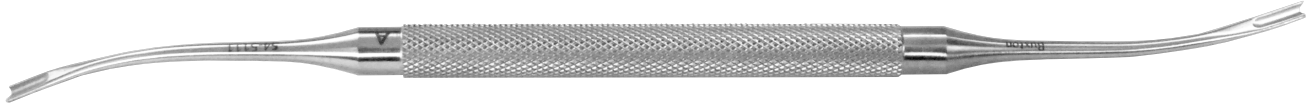


54-9030 9 mm reach

Tenolysis Instruments

Tenolysis Knife, Style A

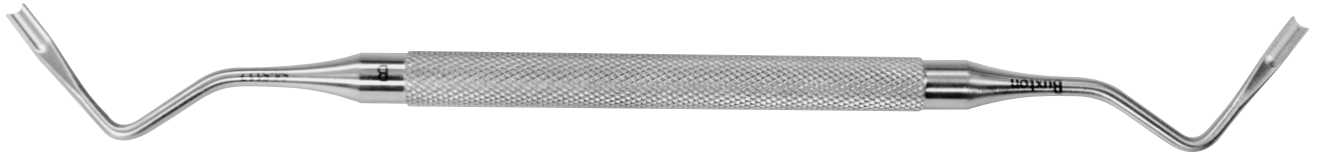
195 mm, semi-sharp contoured blades, for palmar or dorsal approach



54-5111 Style A

Tenolysis Knife, Style B

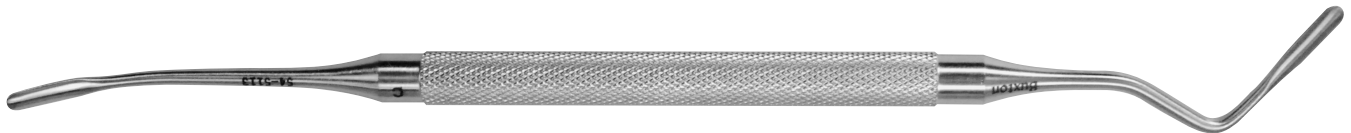
195 mm, semi-sharp contoured blades, for medial and lateral approach



54-5112 Style B

Tenolysis Knife, Style C

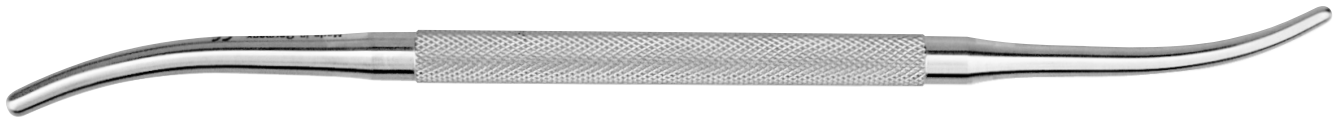
195 mm, probing blades, for contours of palmar and medial aspects



54-5113 Style C

Tenolysis Probe + Dilator

195 mm, used to stretch the annular pulleys following tenolysis



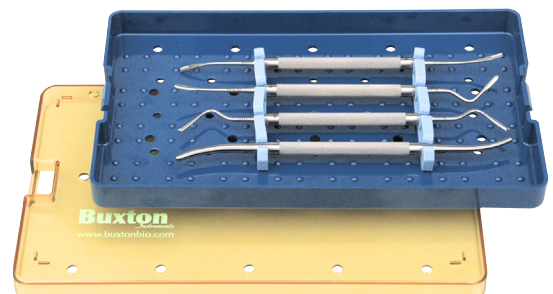
54-5152 3–5 mm and 4–6 mm diameters

Tenolysis Set

Three tenolysis knives + probe in sterilizing case

54-5150 Set of 4 tenolysis instruments, with case

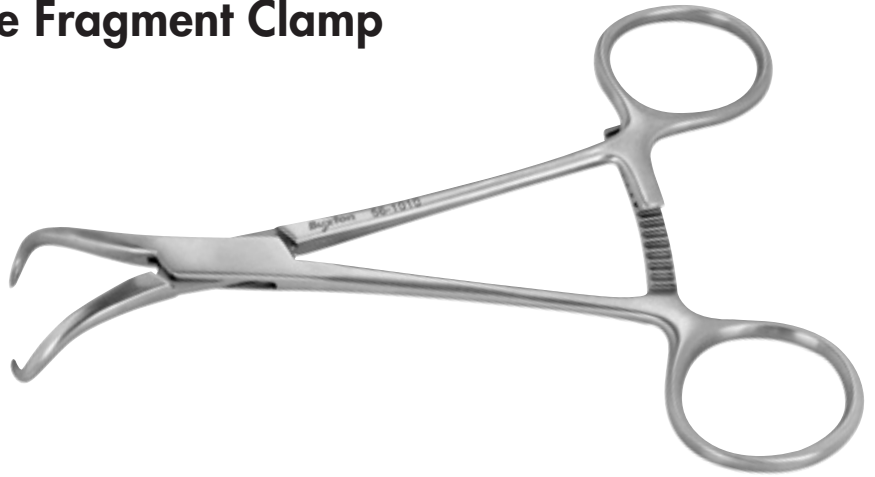
54-5191 Tenolysis Case only, 6x10", sterilizable



Bone Clamps

Bone Fragment Clamp

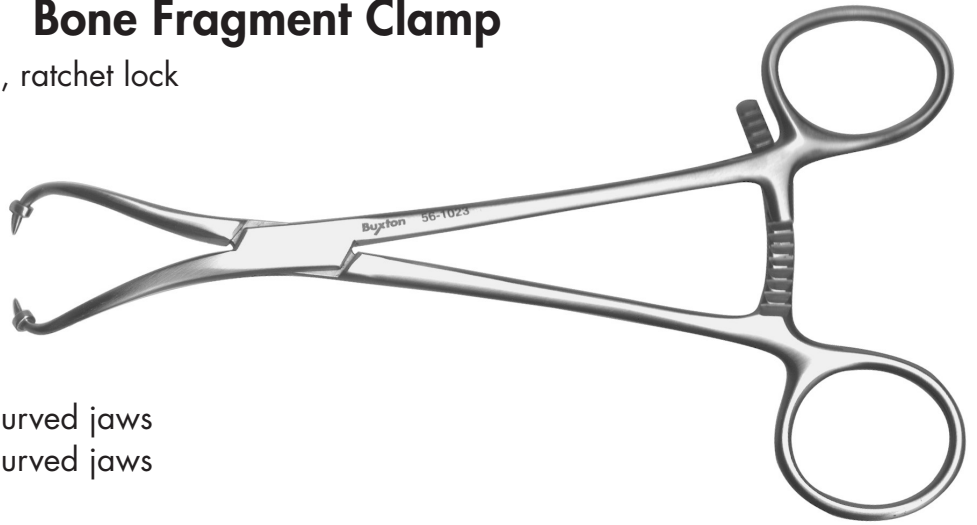
130 mm, pointed tips, ratchet lock



56-1010 curved jaws

Bone Fragment Clamp

Pointed tips with splinter guards, ratchet lock

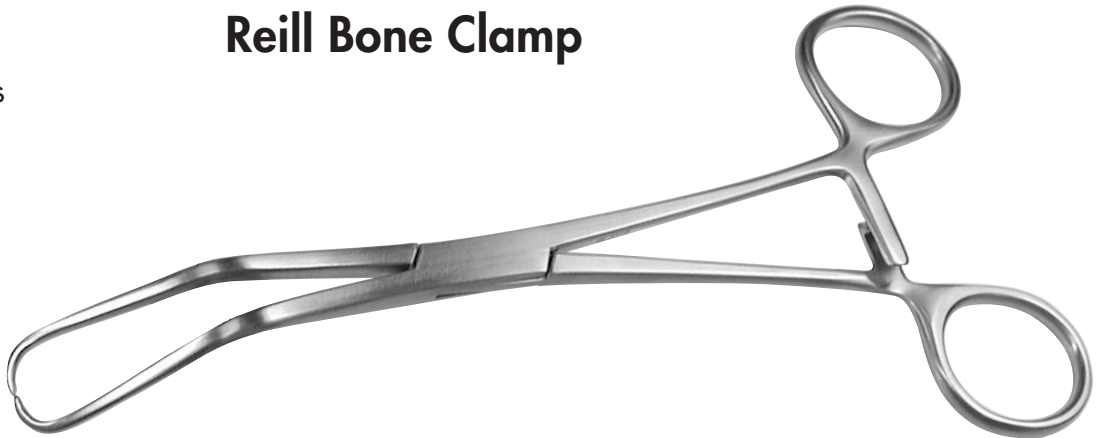


56-1021 115 mm length, curved jaws

56-1023 150 mm length, curved jaws

Reill Bone Clamp

175 mm, angled jaws



56-1025

Bone Clamps

Periarticular Clamps

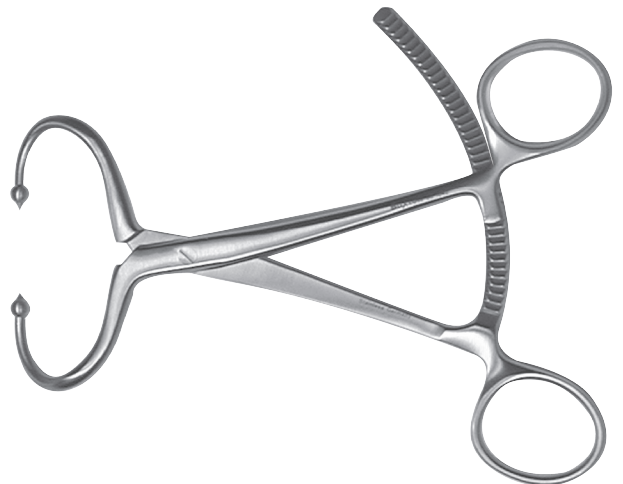
Sweeping arms provide east/west pressure points, extra large clamping capacity.

(Images shown at approximately 50%)

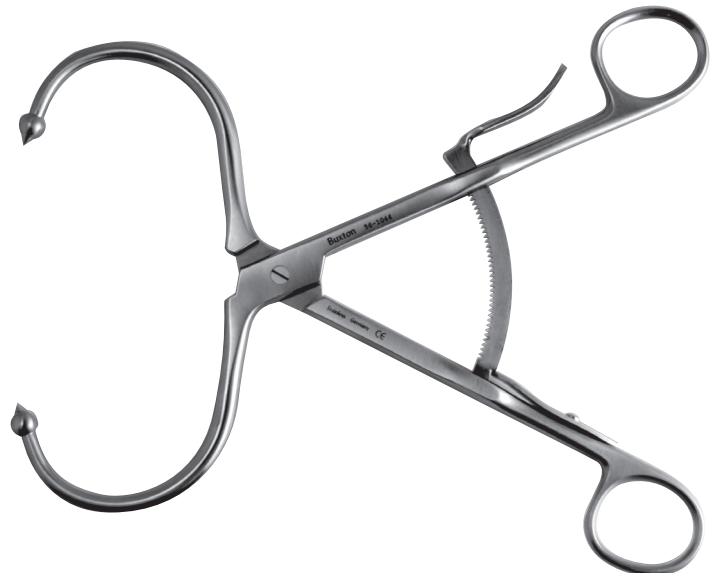
56-1040 130 mm long, range 10-45 mm



56-1042 165 mm long, range 8-60 mm



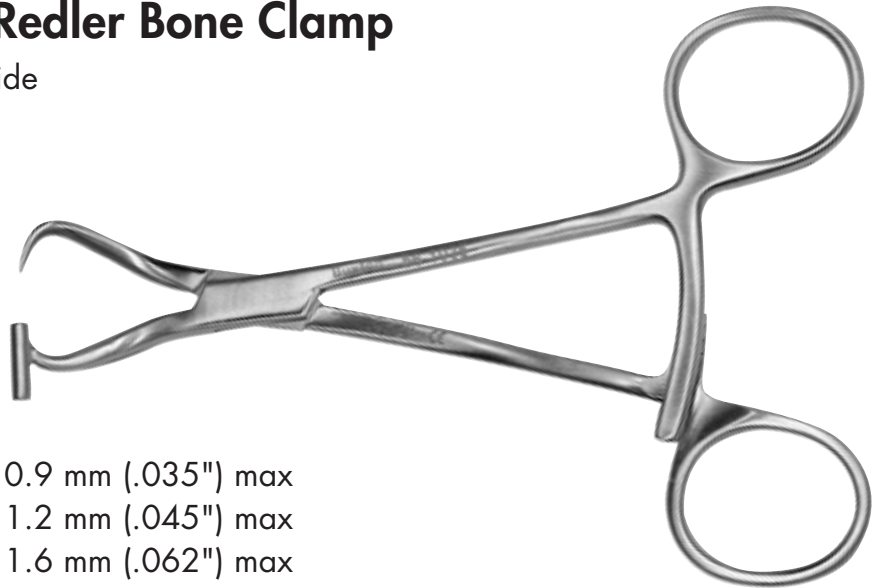
56-1044 200 mm long, range 15-115 mm



Bone Clamps

Redler Bone Clamp

130 mm, curved jaws with barrel guide



- 56-1033** with barrel for K-wires, 0.9 mm (.035") max
- 56-1035** with barrel for K-wires, 1.2 mm (.045") max
- 56-1037** with barrel for K-wires, 1.6 mm (.062") max

56-1030 Set of 3 clamps

As suggested by Michael R. Redler, MD

Phalanx Holding Clamp

150 mm, serrated jaws, ratchet lock



- 56-1121** Flat jaws with contoured tips
- 56-1421** Flat jaws with contoured tips, "magic lock"

Bone Clamps

Ikuta Bone Clamps

125 mm, ratchet lock maintains positive fixation while 2x2 jaws allow screws or K-wires to pass



Straight

- 56-1131** straight, wide jaws for screws up to 4.5 mm
56-1431 straight, wide jaws for screws up to 4.5 mm, "magic lock"



- 56-1132** straight, narrow jaws for K-wires up to 1.6 mm (.062")



- 56-1636** straight, wide jaws for screws up to 6.5 mm, 160 mm long body



Angled

- 56-1133** angled, wide jaws for screws up to 4.5 mm



- 56-1134** angled, narrow jaws for K-wires up to 1.6 mm (.062")



- 56-1646** angled, wide jaws for screws up to 6.5 mm, 160 mm long body

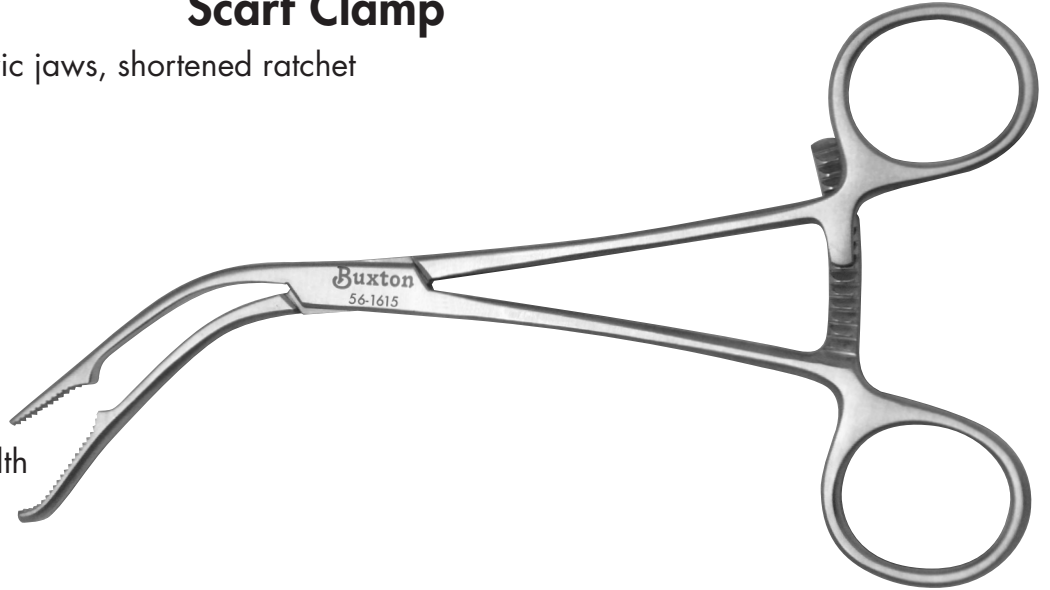


Bone Clamps

Scarf Clamp

160 mm, serrated asymmetric jaws, shortened ratchet

56-1033 4 mm jaw width



Lange Bone Clamp

165 mm, space-saving ratchet lock, with finger shield

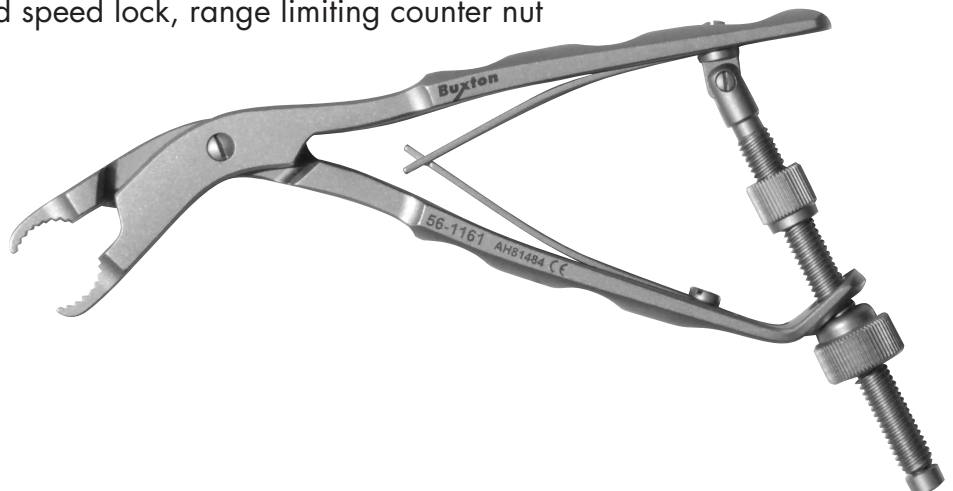
56-1141 wide serrated jaws with 2x2 teeth



Mini Ulrich Bone Clamp

130 mm, serrated jaws, threaded speed lock, range limiting counter nut

56-1161 2.5 mm wide jaws



Bone Spreaders

Cox Metatarsal Spreader

115 mm, broad serrated blades



56-1205 10 mm wide blades

Small Bone Spreader

145 mm, 1x2 jaws, threaded speed lock



56-1231 Notched jaws

Wedge Spreader

150 mm, unique jaws provide smooth entry and sure grip, squeeze ratchet



56-1236 1x2 jaws, smooth/serrated sides

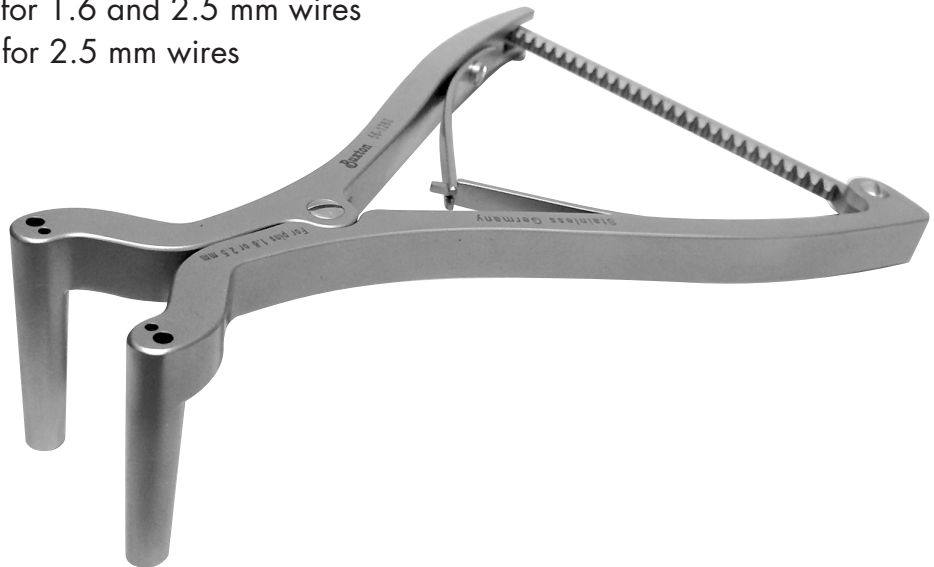
Bone Spreaders

Hintermann Distractor



Close Set Arms

- 56-1261** Close set, small 150 mm, for 1.6 and 2.5 mm wires
56-1267 Close set, large 210 mm, for 2.5 mm wires



Wide Set Arms

- 56-1261** Wide set, small 150 mm, for 1.6 and 2.5 mm wires
56-1267 Wide set, large 210 mm, for 2.5 mm wires

Fine Adjustment Distractor

Dial-operated distractor provides smooth, delicate distraction



- 56-1250** 85 mm, single, 2.0 mm
56-1255 130 mm, double, 2.5 mm

Rongeurs

Böhler Bone Cutting Rongeurs

145 mm, double action



- 56-3111** straight
- 56-3112** light angle
- 56-3113** strong angle

Böhler Bone Cutting Rongeurs

150 mm, double action



- 56-3601** straight, 1 mm cup
- 56-3602** straight, 2 mm cup
- 56-3603** straight, 3 mm cup
- 56-3604** straight, 4 mm cup
- 56-3611** light curve, 1 mm cup
- 56-3612** light curve, 2 mm cup
- 56-3613** light curve, 3 mm cup
- 56-3614** light curve, 4 mm cup

Böhler Bone Cutting Rongeurs

150 mm, double action



- 56-3622** strong curve, 2 mm cup

Rongeurs

Square Cup Bone-Cutting Rongeurs

150 mm, double action



Straight

- 56-3632** 2 mm cup
- 56-3633** 3 mm cup
- 56-3634** 4 mm cup



Light Curve

- 56-3642** 2 mm cup
- 56-3643** 3 mm cup
- 56-3644** 4 mm cup



Strong Curve

- 56-3652** 2 mm cup
- 56-3653** 3 mm cup
- 56-3654** 4 mm cup



Rongeurs

Zwei-Beyer Rongeur

180 mm, double action, 2 mm cup



56-3802 straight
56-3812 curved

Beyer Rongeur

180 mm, double action, 3 mm cup



56-3803 straight
56-3813 curved

Zaufal-Jansen Rongeur

180 mm, double action, 4 mm cup



56-3804 straight
56-3814 curved

Rongeurs

Kleinert Synovectomy Rongeurs

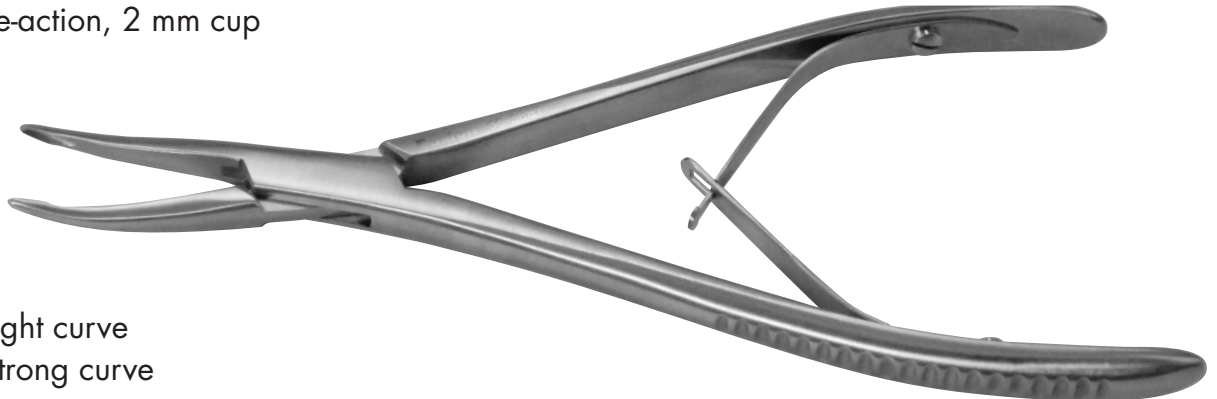
130 mm, single action, light curve, 2 mm cup



56-3680

Stellbrink Synovectomy Rongeurs

170 mm, single-action, 2 mm cup



56-3687

light curve

56-3688

strong curve

Micro Synovectomy Rongeurs

140 mm, single-action, 1 mm cup



56-3690

light curve

56-3694

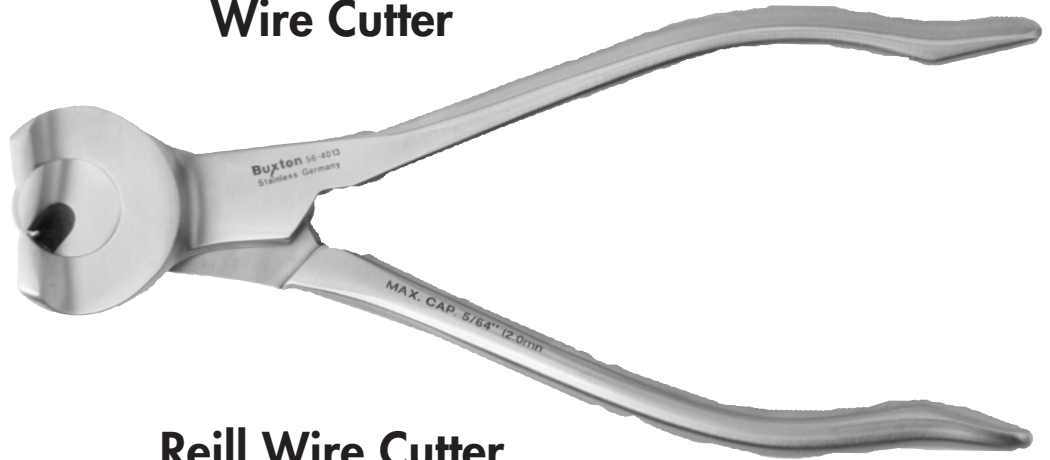
straight

Wire Cutters

Wire Cutter

160 mm, single-action

56-4013



Reill Wire Cutter

160 mm, double action

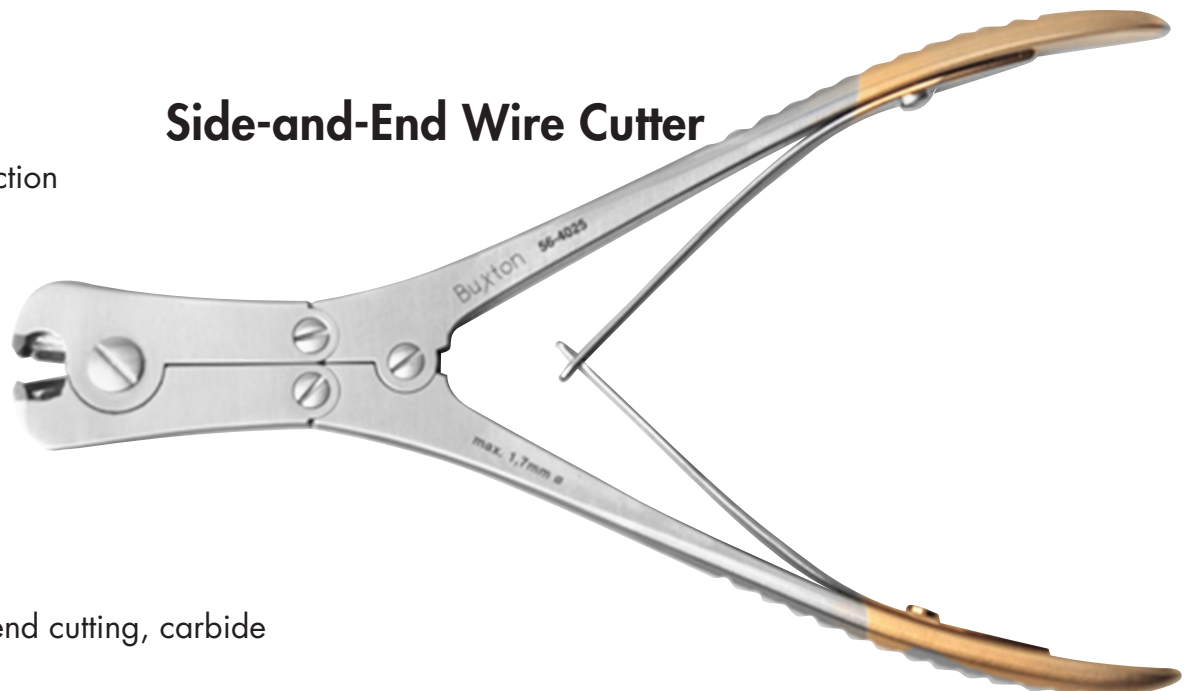
56-4023 carbide



Side-and-End Wire Cutter

170 mm, double action

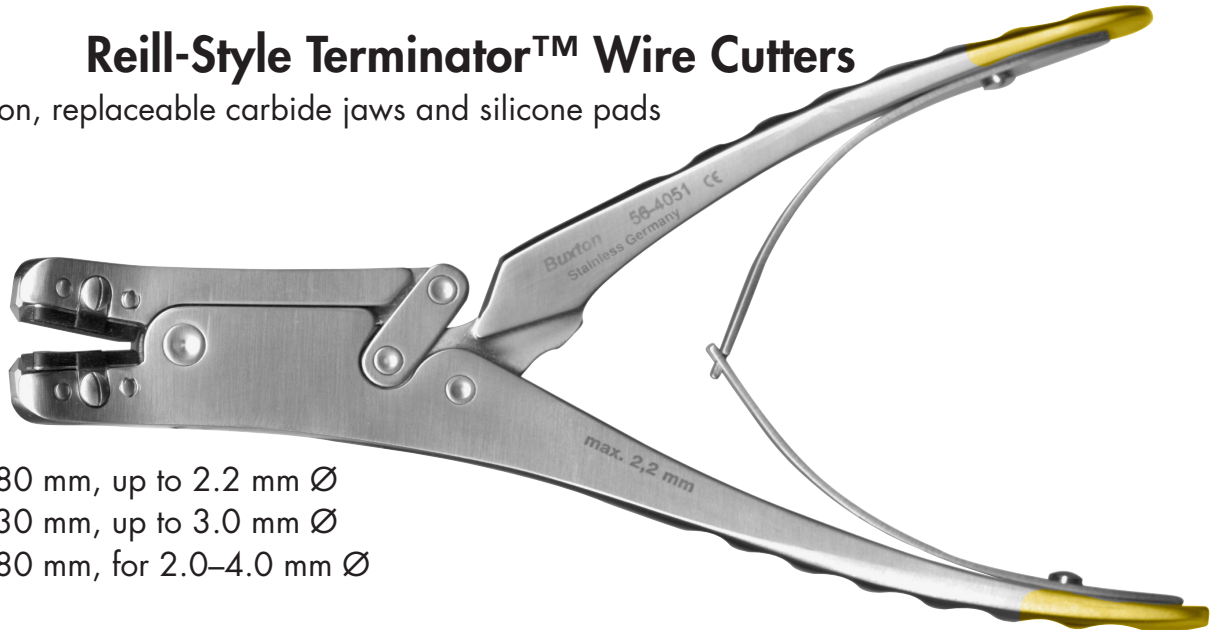
56-4025 side-end cutting, carbide



Wire Cutters (Terminator)

Reill-Style Terminator™ Wire Cutters

"Terminator" action, replaceable carbide jaws and silicone pads



- 56-4051** 180 mm, up to 2.2 mm Ø
- 56-4055** 230 mm, up to 3.0 mm Ø
- 56-4057** 280 mm, for 2.0–4.0 mm Ø

Side-End Terminator™ Wire Cutter

"Terminator" action, replaceable carbide jaws/silicone pads



- 56-4059** 180 mm, up to 1.6 mm Ø

Replacement Jaw and Silicone Kits

Various replacement kits for Terminator Wire Cutters with wrench and/or screwdriver

- 56-4061** Replacement carbide jaws for **56-4051**
- 56-4065** Replacement carbide jaws for **56-4055**
- 56-4067** Replacement carbide jaws for **56-4057**
- 56-4063** Silicone pads for **56-4051, 56-4055, 56-4057**
- 56-4069** Replacement carbide jaws+silicone set for **56-4059**



Wire Forceps

Square Nosed Pliers

190 mm, single-action, tapered jaws, horizontal serrations



56-4113 fine, 2.5 mm tip

Bull Nosed Pliers

170 mm, single-action, square jaws, cross serrations



56-4115 broad, 5 mm wide tip

Wire Forceps, Double Action

145 mm, double action



56-4211 2.0 mm jaws, grooves for K-wires
56-4213 3.0 mm jaws, grooves for K-wires
56-4215 3.0 mm jaws

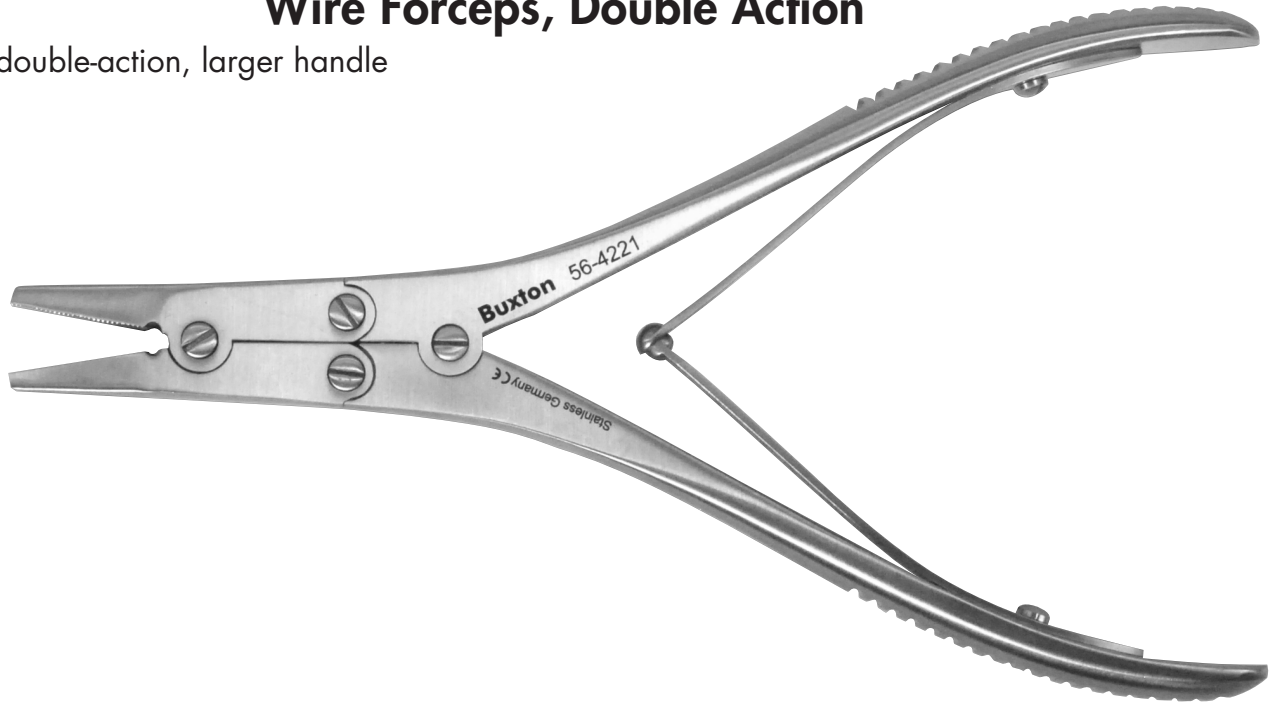


The 56-4211 and 56-4213 models feature a longitudinal groove for grasping K-wires.

Wire Forceps

Wire Forceps, Double Action

180 mm, double-action, larger handle



56-4221 2 mm jaws

56-4223 3 mm jaws

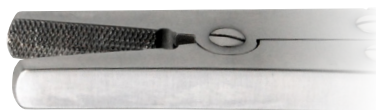
Wire Forceps, Double Action

180 mm, double action, extra wide jaws



56-4217 7 mm jaws

56-4227 7 mm jaws, with groove



Wire Forceps

Wire Bending Forceps, conical

180 mm, conical jaws that taper to 1.5 mm



56-4219 serrations



Terminator™ Wire Forceps

180 mm, "Terminator" action for extra-strong grip, 3.5 mm jaws



56-4233 carbide inserts

Raspatories

Periosteal Raspatories

Ribbed handle, straight scraping edge

56-5031 170 mm, right angle, 4 mm



56-5033 160 mm, right angle, 5 mm



56-5041 170 mm, right angle, 6 mm

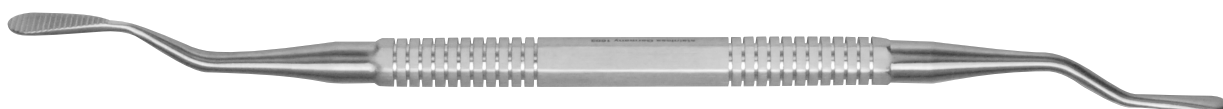


56-5043 170 mm, spoon curve, 6 mm



Miller Bone File

180 mm, double-ended, 4 & 7 mm heads



56-5111 190 mm, single file direction serrations, 7.5 x 5 mm rasps

56-5113 185 mm, dual file direction serrations, 6.25 x 5.5 mm rasps, carbide

Kleinert-Kutz Bone Rasp

220 mm, double-ended, four rasping surfaces



56-5121 8 mm wide rasps with various textures and shapes

Rasps

Bone Rasp

185 mm, phenolic handle, bi-directional cutting



56-5133 6.5 mm wide

Maltz Rasp

180 mm, phenolic handle, down-scraping



56-5137 10 mm wide

Half Round Rasp

180 mm, down-scraping, curved rasp surface



56-5141 6.5 mm, straight



56-5143 6.5 mm, curved backward



56-5145 6.5 mm, curved forward

56-5140 Set of 3 Half Round Rasps

Rasps

Peet Diamond Rasps

180 mm, linen-phenolic handle



56-5151 7 mm, straight



56-5153 7 mm, curved backward

Awls

Four Sided Awl

165 mm, phenolic handle, straight



56-5711

Buxton Awl

145 mm, hollow bulb handle, straight



56-5721

Elevators

Freer Elevator/Dissector

195 mm, square handle, semi-sharp/blunt

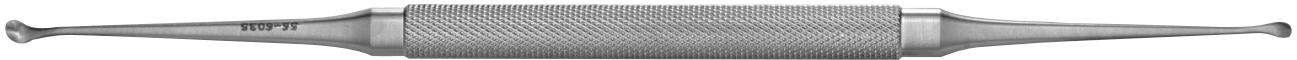


56-6025 4.5 mm wide

56-6026 6 mm wide

Kleinert-Kutz Metacarpal Elevator

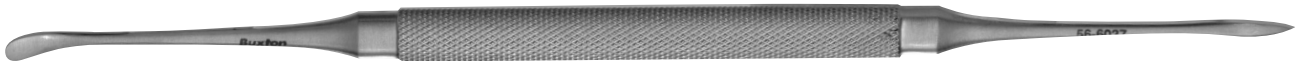
195 mm, round knurled handle, 2.5 & 3.5 mm blade



56-6035 double ended with spoon blades

Kleinert-Kutz Elevator/Curette

195 mm, round knurled handle, 2.5 & 4.0 mm blade



56-6037 2.5 mm wide curette, 4.0 mm wide elevator

Periosteal Elevators

170 mm, ribbed handle



56-6051 3.5 mm wide, scraping edge



56-6053 6.5 mm wide, scraping edge



56-6061 light curve, pointed, rounded edge

Elevators

Periosteal Elevators

170 mm, ribbed handle, 6 mm scraping edge



56-6063 light curve, rounded



56-6065 strong curve, rounded



56-6067 spoon curve, rounded

Mini-Hohmann Elevators, round tip

170 mm, ribbed handle, rounded tip



56-6081 narrow, 6 mm tip



56-6083 broad, 10 mm tip

Mini-Hohmann Elevators, square tip

160 mm, flat handle, square tip



56-6082 smooth handle, 6 mm



56-6084 smooth handle, 8 mm

Elevators

Hays Phalangeal Elevators

125 mm, 40° angled shaft, double bend, round tip

- 56-6113** 3 mm wide
- 56-6115** 5 mm wide
- 56-6116** 6 mm wide
- 56-6117** 7 mm wide



- 56-6110** Set of 3 Hays Elevators: 3, 5, 7 mm

Phalangeal Elevators

145 mm, retro angle, flat handle, round tip

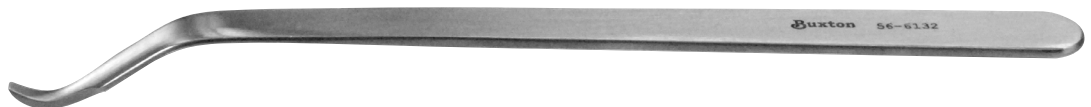
- 56-6123** 140 mm, 3 mm wide
- 56-6125** 150 mm, 5 mm wide
- 56-6127** 150 mm, 7 mm wide



Buck-Gramcko Elevators

150 mm, retro angle, flat handle, square tip

- 56-6132** 2 mm wide tip



McGlamry Elevators

170 mm, curving gouge-shape, sharp end

- 56-6209** 9 mm wide
- 56-6211** 11 mm wide
- 56-6213** 13 mm wide
- 56-6215** 15 mm wide
- 56-6217** 17 mm wide



- 56-6200** Set of 5 McGlamry Elevators

Osteotomes

Lambotte Osteotomes, straight and curved

125 mm, straight and curved versions

Straight

56-7102	2 mm wide
56-7103	3 mm wide
56-7104	4 mm wide
56-7106	6 mm wide
56-7108	8 mm wide
56-7110	10 mm wide
56-7112	12 mm wide
56-7115	15 mm wide
56-6200	Set of 8 Lambotte Osteotomes



Curved

56-7124	4 mm wide
56-7126	6 mm wide
56-7128	8 mm wide
56-7130	10 mm wide
56-7132	12 mm wide



Buck-Gramcko Osteotome

170 mm, square handle

56-7195 5 mm blade



Mini-Lexer Osteotomes

185 mm, phenolic blade

56-7204	4 mm wide
56-7205	5 mm wide
56-7206	6 mm wide
56-7208	8 mm wide
56-7210	10 mm wide
56-7212	12 mm wide



Mini-Stillle Osteotomes

160 mm, metal handle

56-7306	6 mm wide
56-7308	8 mm wide
56-7310	10 mm wide
56-7312	12 mm wide
56-7315	15 mm wide



Gouges

Miniature Gouges

110 mm

56-7421	2 mm wide
56-7422	4 mm wide
56-7423	6 mm wide
56-7424	8 mm wide
56-7425	10 mm wide



Partsch Gouges

56-7426	115 mm x 3 mm wide
56-7442	170 mm x 2 mm wide
56-7443	170 mm x 3 mm wide
56-7444	170 mm x 4 mm wide
56-7445	170 mm x 5 mm wide
56-7446	170 mm x 6 mm wide



Mini-Lexer Gouges

185 mm, phenolic handle

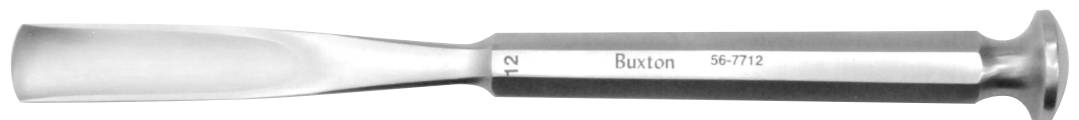
56-7604	4 mm wide
56-7606	6 mm wide
56-7608	8 mm wide
56-7610	10 mm wide
56-7612	12 mm wide



Mini-Stillie Gouges

160 mm, metal handle

56-7706	6 mm wide
56-7708	8 mm wide
56-7710	10 mm wide
56-7712	12 mm wide



Curettes

Martini Double End Curette, round

140 mm, flat ribbed handle, round cups



56-8031 #00 and #0

56-8051 #1 and #2

Double Ended Curette, oval

140 mm, flat ribbed handle, oval cups



56-8053 #1 and #2

Jansen Double-End Curette

150 mm, oval cups, with contra-bends, square handle



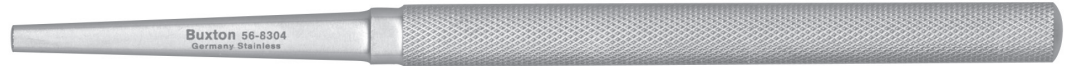
56-8055 Oval cups, #00 and #2

Tampers and Drills

Bone Tampers

160 mm, knurled round handle, flat serrated tip surface

56-8302	2 mm Ø
56-8303	3 mm Ø
56-8304	4 mm Ø
56-8305	5 mm Ø
56-8306	6 mm Ø
56-8308	8 mm Ø
56-8309	9 mm Ø
56-8310	10 mm Ø
56-8300	Set of 8 bone tampers



Bone Tampers, concave tip

150 mm, concave, pin-sinking tip

56-8331	2 mm Ø
56-8333	3 mm Ø
56-8335	5 mm Ø



Finger Nail Drill Set

110 mm, hollow barrel stores three drill bits

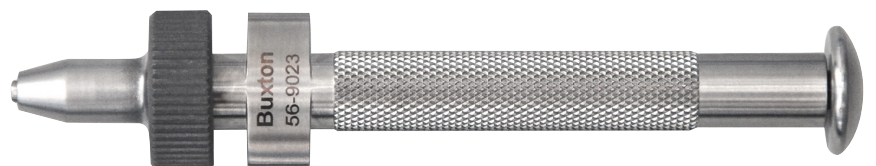
56-9010



Buxton Wire Driver

130 mm, cannulated body, for wires .028 through .062

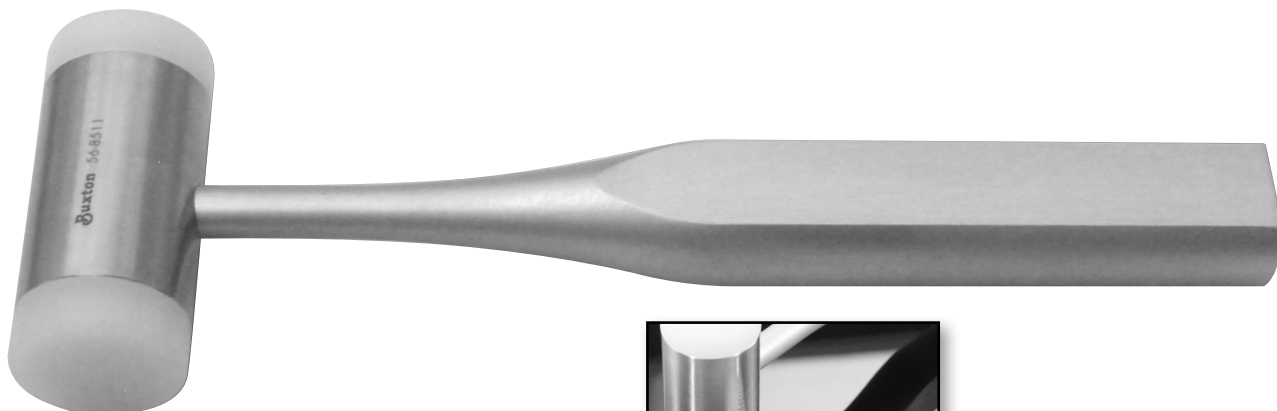
56-9023



Mallets

Nylon capped Mallet

185 mm, featuring replaceable nylon end caps, lightweight aluminum handle

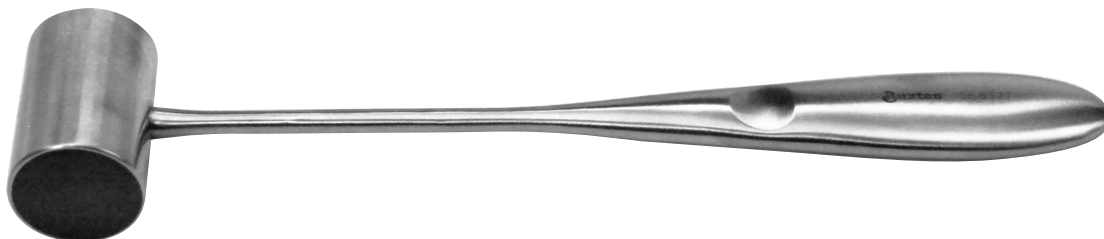


- 56-8511** Mallet with nylon end caps, 25 mm Ø
56-8512 Replacement nylon end cap, 25 mm Ø



Lead filled Mallet

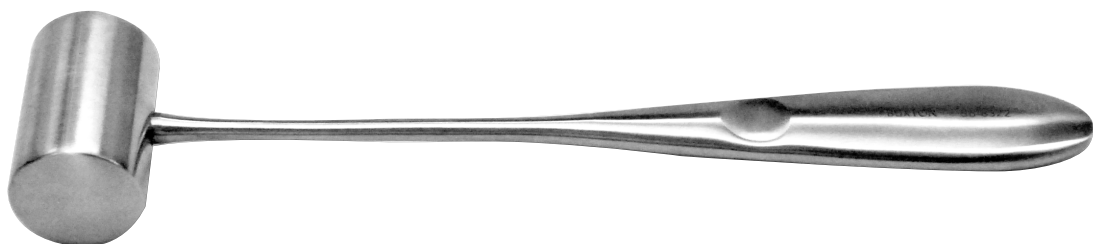
165 mm, blow-dampening lead-weighted head, with lead end caps



- 56-8521** 20 mm head diameter

Lead filled Mallet, steel capped

165 mm, lead-weighted head, with steel coated end caps



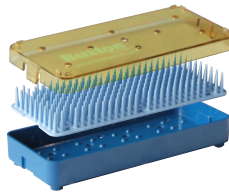
- 56-8522** 20 mm head diameter

Instrument Cases

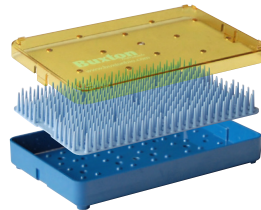
Plastic Instrument Cases

Sterilizable cases with silicone mats. Made in USA.

57-0111 single level, 2.5 x 6 inches

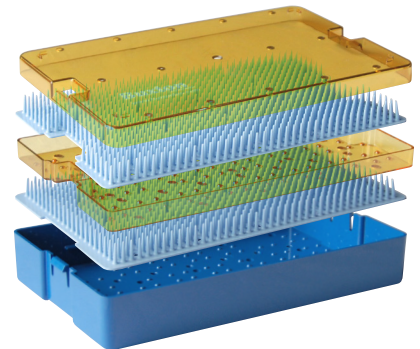
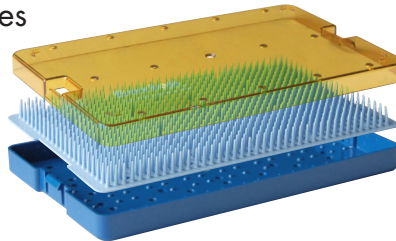


57-0211 single level, 4 x 6.5 inches



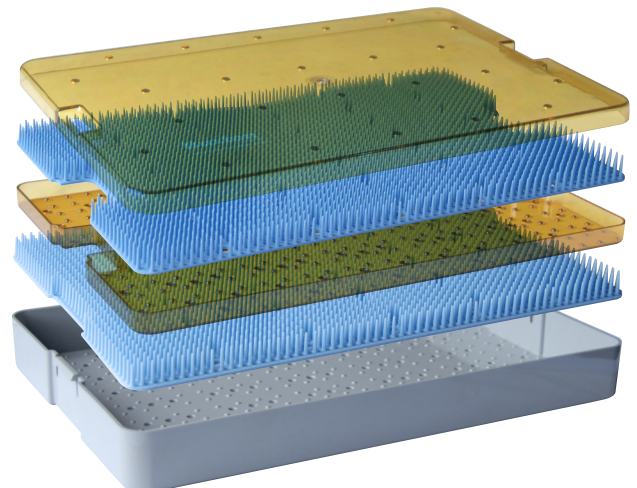
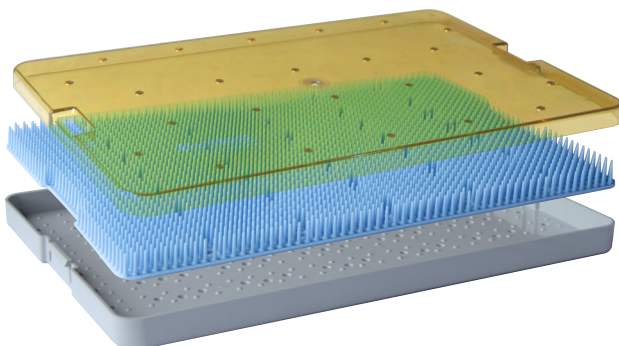
57-1011 single level, 6 x 10 inches

57-1021 double level, 6 x 10 inches



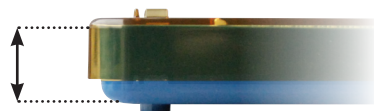
57-2010 single level, 10 x 15 inches

57-2020 double level, 10 x 15 inches

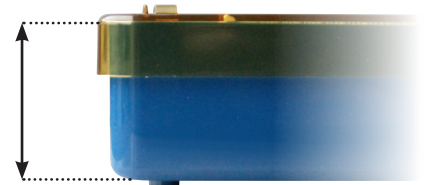


Depth Reference

Single level
0.75 inches



Double level
1.5 inches



Splints

THUMKINS™ Thumb Rings

Soft, supple rings of Kraton® thermoplastic encircle the base of the thumb, protecting it from chafing and providing the slight abduction desired when setting a forearm fracture. Also can be used as a portal in casts to access screws or open wounds. Made in USA.

58-1010	petite
58-1020	small
58-1030	medium
58-1040	large



THUMKINS™ Set

The THUMKINS™ Set contains 24 rings in four popular sizes, packed into a convenient see-through polypropylene box. This box features individual sections to keep sizes separated and inventory under control.



58-1005	Set of 24 in case
58-1006	Case only

Omni-Sets

Base Set for Soft Tissue Surgery



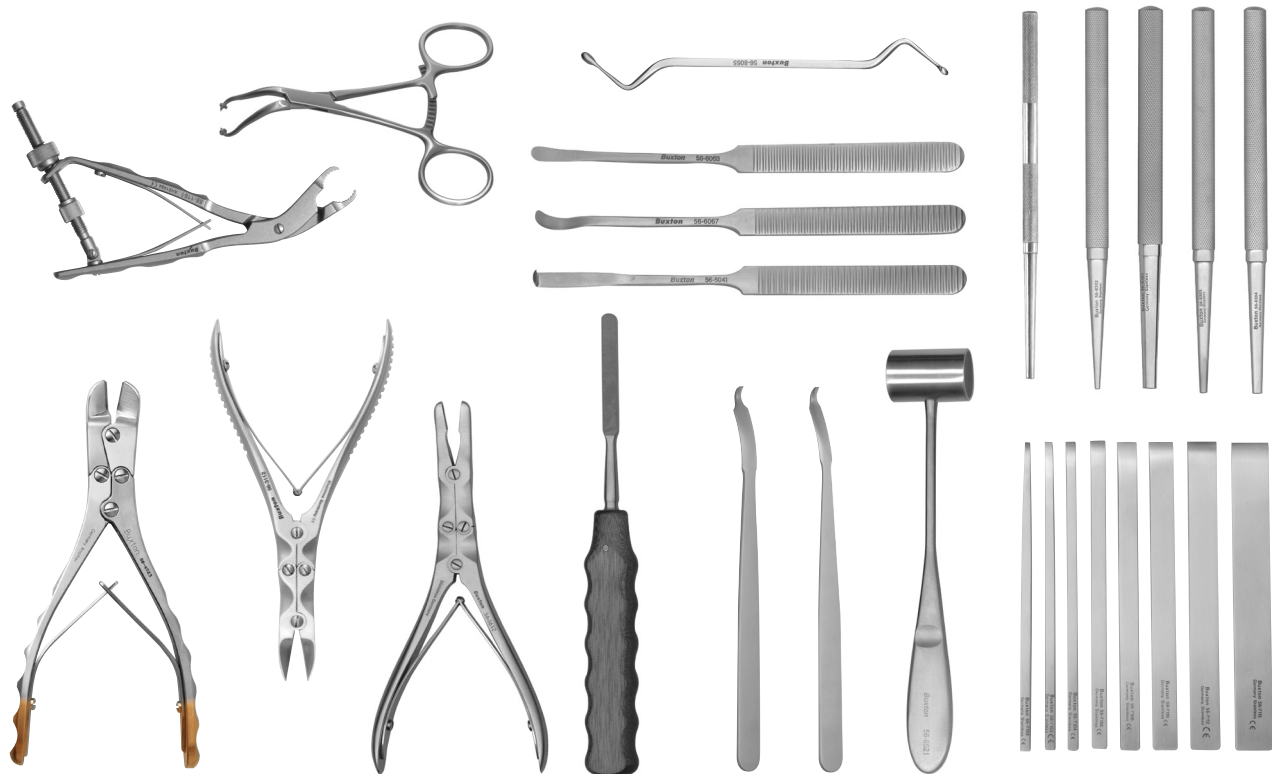
52-1000 Soft Tissue Surgery Omni Set. Contains the following:

1	57-2010	Sterilizing Case	2	52-5413	Square Handle Hook, 2-prong, 3 mm, sharp
1	52-1142	Stevens Dissecting Scissors	2	52-5417	Square Handle Hook, 2-prong, 6 mm, sharp
1	52-1206	Metzenbaum Scissors	1	52-5514	Moberg Retractor, 14 mm
1	52-1621	Stitch Scissors, 110mm	1	52-5515	Moberg Retractor, 17 mm
1	52-3111	Buxton-Adson Dressing Forceps	1	52-5517	Moberg Retractor, 25 mm
1	52-3112	Buxton-Adson Tissue Forceps	1	52-5521	Square Hdle Blade Retractor, fenestrated, 12 mm
1	52-3115	Buxton-Brown-Adson Tissue Forceps	1	52-5541	Square Handle Blade Retractor, solid, 12 mm
2	52-4013	Micro-Mosquito Hemostat, straight, 1x2	1	52-5563	Carpal Tunnel Retractor
1	52-5111	Flat Handle Hook, 1-prong, 7mm, blunt	1	52-5565	Kleinert Ragnell Retractor
1	52-5121	Flat Handle Hook, 1-prong, 9mm, blunt	1	52-8121	Webster Needle Holder
2	52-5331	Gillies Hook, 3.8 mm, sharp	2	52-9020	Hemostatic & Suture Holding Forceps

* Additions and substitutions may be made per our Omni-Set program. Details available on request.

Omni-Sets

Base Set for Small Bone Surgery



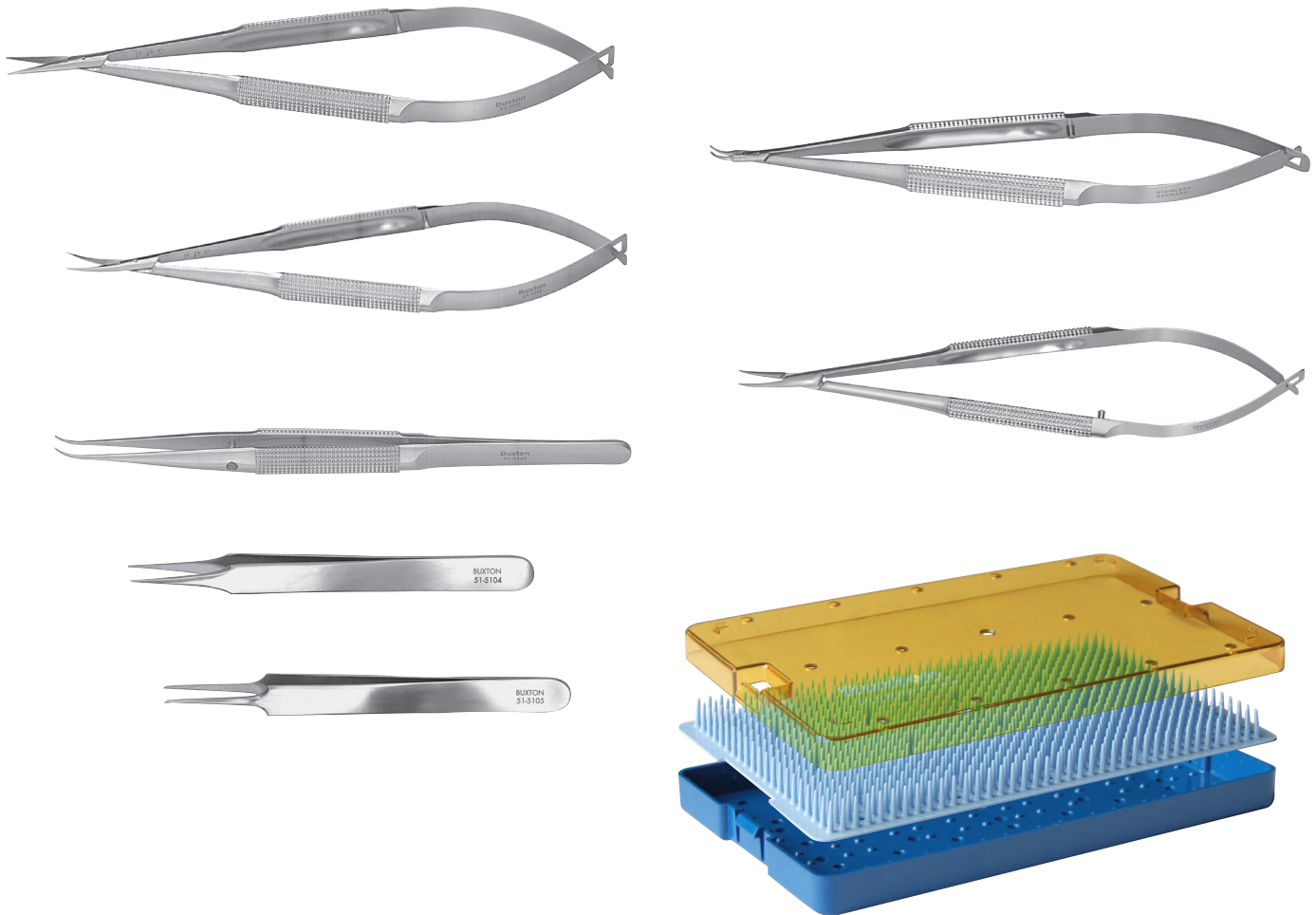
56-1000 Small Bone Surgery Omni Set. Contains the following:

1	57-2010	Sterilizing Case	1	56-7104	Lambotte Osteotome, 4 mm
1	56-1021	Bone Fragment Clamp, 115 mm	1	56-7106	Lambotte Osteotome, 6 mm
1	56-1161	Mini-Ulrich Bone Clamp	1	56-7108	Lambotte Osteotome, 8 mm
1	56-3112	Böhler Bone Cutting Rongeur, light angle	1	56-7110	Lambotte Osteotome, 10 mm
1	56-3612	Böhler Bone-Nibbling Rongeur, light, 2 mm	1	56-7112	Lambotte Osteotome, 12 mm
1	56-4023	Flush Wire Cutter	1	56-7115	Lambotte Osteotome, 15 mm
1	56-5041	Periosteal Raspatory, short curve	1	56-8055	Jansen Double-End Curette, 150 mm
1	56-5133	Bone Rasp	1	56-8302	Bone Tamper, 2 mm
1	56-6063	Periosteal Raspatory, light curve, rounded	1	56-8303	Bone Tamper, 3 mm
1	56-6067	Periosteal Raspatory, spoon curve	1	56-8304	Bone Tamper, 4 mm
1	56-6082	Hohmann Elevator, plain handle, 6 mm	1	56-8305	Bone Tamper, 5 mm
1	56-6084	Hohmann Elevator, plain handle, 8 mm	1	56-8331	Bone Tamper, concave tip
1	56-7102	Lambotte Osteotome, 2 mm	1	56-8521	Mallet with weighted head
1	56-7103	Lambotte Osteotome, 3 mm			

* Additions and substitutions may be made per our Omni-Set program. Details available on request.

Omni Sets

Base Set for Micro Surgery



51-1000 Micro Surgery Omni Set. Contains the following:

- 1 51-1111 Micro Scissors, 145x14, straight, sharp
- 1 51-1112 Micro Scissors, 145x14, curved, sharp
- 1 51-3112 Micro Needle Holder, curved, 0.5 mm, bottle nose
- 1 51-3532 Micro Needle Holder, 140x8, curved, tapered
- 1 51-5141 Micro Forceps, 140x8mm, straight, 0.3mm, platform
- 1 51-5104 Jeweler's Forceps #4, straight
- 1 51-5105 Jeweler's Forceps #5, straight
- 1 57-1011 Case, 1level, 10x6x.75 inches

* Additions and substitutions may be made per our Omni-Set program. Details available on request.

Additional Information

Buxton BioMedical is a small, veteran-owned company, providing surgeons worldwide with fine instruments since 1993. All instruments are made in Germany unless otherwise noted.

Ordering and Prices

Orders may be placed direct with our offices by phone, by fax, or by email. Prices are published as a guide to costs but are subject to change without notice. To verify pricing and availability on a given product, contact our Customer Service Department.

Website

Our full compliment of instrument offerings can be reviewed on our website where latest products, images, extended descriptions and prices can be found. Registering on our site is a convenient means to ordering our printed catalog, obtain a formal quote and accessing current prices when considering specific items. Many documents such as Customer Credit Applications, W-9 and cleaning validation information can be accessed in the "Records" department of our website as well.

Repairs

If an item is in need of repair or servicing, please contact us directly so we can initiate a repair ticket. Do not send the instrument back without first obtaining a Return Materials Authorization (RMA) code. Blank clean certification forms are available through our Customer Service Department or by going to

www.buxtonbio.com/records

Click the "Repairing an Instrument" folder, then download and return the completed PDF form "Clean Certification." After the clean certificate is received, an RMA number can be issued. An evaluation of the instrument repair will proceed.

Warranty

Expect the finest quality surgical instruments from Buxton BioMedical, Inc. Our instruments are warranted against defects in materials and workmanship, but to benefit from the shelter our provisional guarantee affords and to realize the longevity of any device, evidence of proper care is essential. Specific details on cleaning, sterilizing and general maintenance are included with each instrument sold. Our warranties are necessarily nullified when instruments show signs of neglect or are used in a manner other than their intended surgical purpose. Even under the best of circumstances instruments have a limited functional life. Therefore, repair and replacement charges are calculated on a pro rata basis during the first five years following purchase.

Cleaning Recommendations

Upon receipt inspect instruments for defects. Carefully clean before sterilizing in preparation for its initial use. Always inspect the instrument for broken parts before each use. Clean and disinfect instrument immediately after use.

Do not allow bio fluids or other material to dry onto the instrument; wipe clean and keep moist until the instrument reaches sterile processing.

Rinse thoroughly in lukewarm water. Carefully scrub parts with soft brushes. Flush lumens and joints using a syringe filled with demineralized water. Use low-foaming, enzymatic cleaning solutions with a pH range of 6-8 and follow manufacturer's instructions. Rinse with demineralized water. Lubricate in a water-soluble instrument milk bath.

Store this instrument in a moisture-free location. Always cover and protect sharp edges and delicate tips when not in use.

Sterilization Recommendations

Sterilize wrapped devices using pre-vacuum cycle for four minutes at 270° F (132°C). Due to the potential damage to non-metal components, chemical sterilization and hot air or steam sterilization in excess of 273°F (134°C) should be avoided.

Allow instruments to dry for a minimum of 20 minutes prior to using in surgery.

Product Development

Buxton BioMedical was founded with the intent to fulfill the instrument needs in the sub-specialties of spine, shoulder, hand and foot surgeries. We are interested in developing new instrument designs and improving upon existing patterns and always welcome comments and suggestions.

Other publications

This catalog showcases Buxton's unique collection of instruments for surgery of the hand and foot. Catalogs and brochures featuring instrumentation for spine and shoulder are also available. Call, write or email us for your free copy.

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