Human Heart

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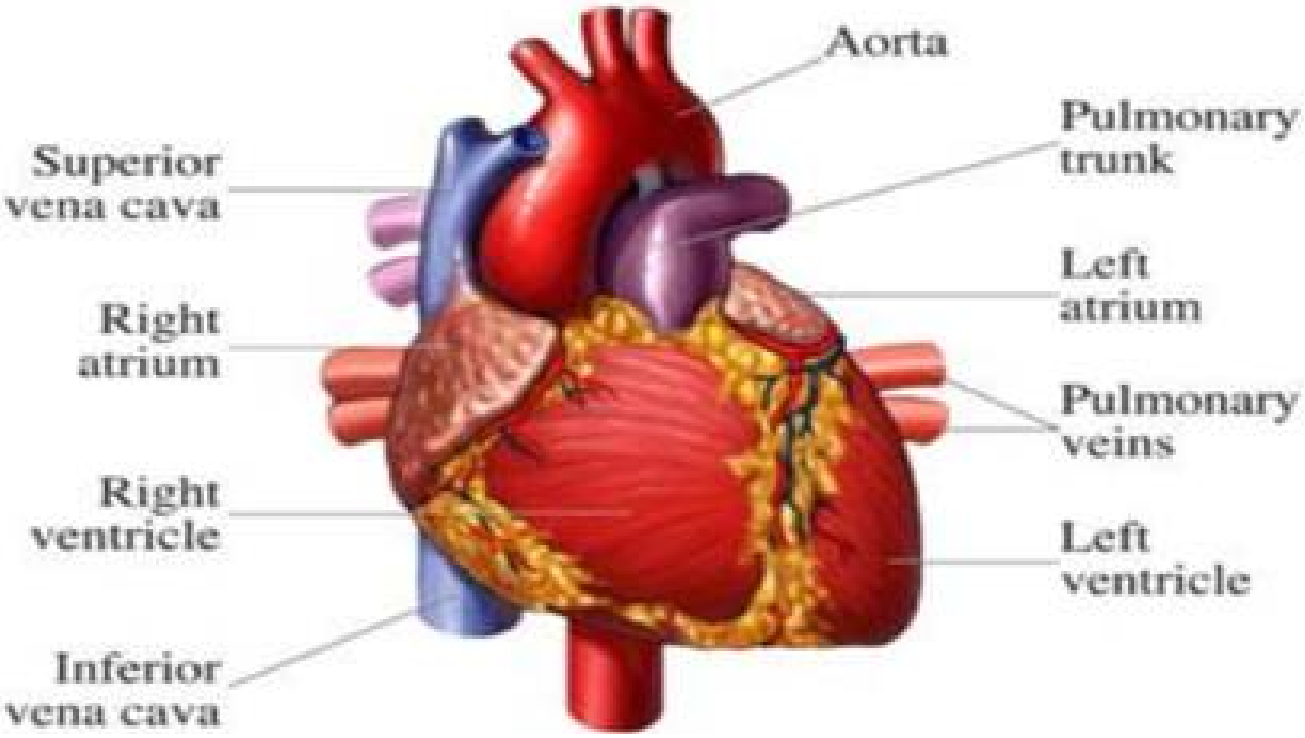

External Anatomy of Human Heart

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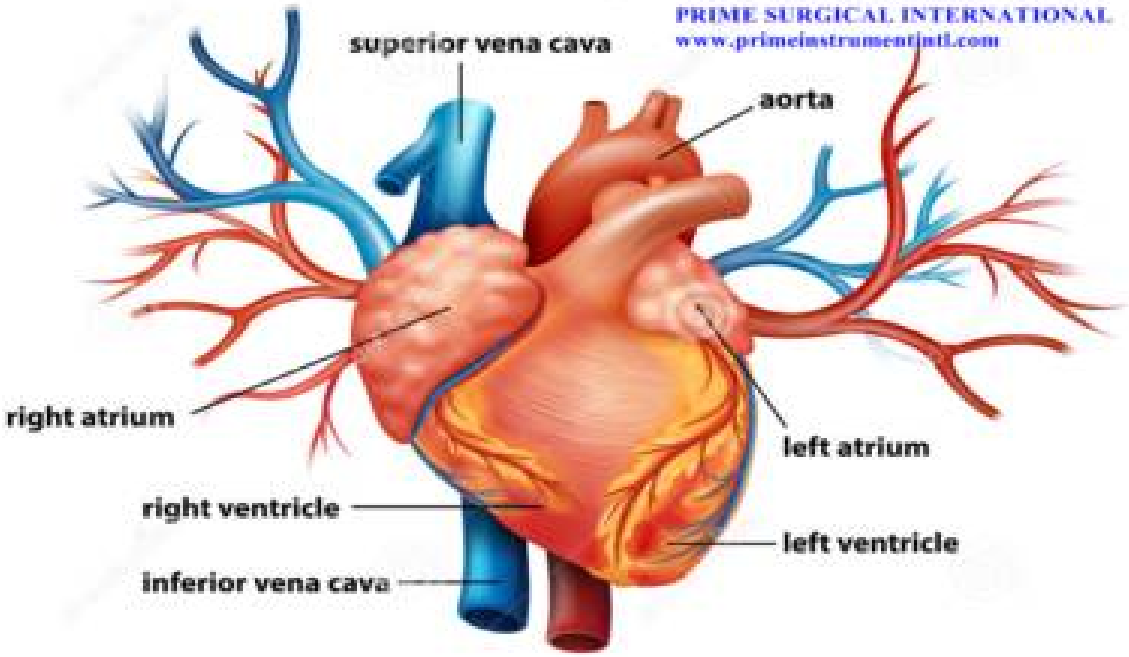

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SR		PAGE NO.
1	CLAMPS	6-163
2	SCISSORS	164-195
3	NEEDLE HOLDER	196-222
4	FORCEPS	223-256
5	MICRO	257-282
6	RETRACTORS	283-338
7	MISC. CVT	339-345
8	BULL DOGS & MICRO VESSEL CLAMPS	346-366
9	BONE RIBS	367-384
10	VASCULAR DILATORS	385-392
11	VALVE INSTRUMENTS	393-421
12	VIDEO ASSISTED THORACOSCOPY	422-435
13	SUCTIONS	436-443
14	SETS	444-451

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CLAMPS

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DeBAKEY Aortic Aneurysm Clamps

320-280	9 1/2" (24cm), DeBakey serrations, jaw length 3 3/8" (8.7cm)
320-282	10 5/8" (27cm), DeBakey serrations, jaw length 3 3/4" (9.6cm)
320-284	12" (30.5cm), 2 x 3 DeBakey serrations, jaw length 4 3/8" (11cm)
320-286	13 1/8" (33.5cm), 2 x 3 DeBakey serrations, jaw length 5 3/8" (13.6cm)

COOLEY Aortic Aneurysm Clamp

320-438	10 1/2" (26.7cm), Cooley serrations, jaw length 3 3/4" (9.6cm)

HOWARD-DeBAKEY Aortic Aneurysm Clamp

320-288	12 1/2" (31.7cm), curved shanks, curved jaws, jaw length 3 7/8" (10cm)

ZONGER Abdominal Aorta Clamps

320-292	8 5/8" (21.9cm), DeBakey serrations, jaw length 2 5/8" (6.5cm)
320-293	10 1/8" (25.7cm), DeBakey serrations, jaw length 3 1/4" (8.5cm)
320-294	12" (30.5cm), 2 x 3 DeBakey serrations, jaw length 4 1/8" (10.5cm)

WYLIE Abdominal Aorta Clamps

320-291 9 1/2" (24cm), angled shanks, curved jaws, jaw length 2 3/4" (7cm)
320-290 10 1/2" (26.7cm), angled shanks, curved jaws, jaw length 3 1/8" (8cm)

WYLIE Hypogastric Clamp

320-289 9 1/2" (24.1cm), angled shanks, curved jaws, jaw length 2 3/4" (7cm)

CHERRY Supraceliac Clamp, 60° Handle, Double Curve

320-287 12 1/2" (31.7cm), angled shanks, curved jaws, jaw length 5 3/4" (14.5cm)

LEMOLE-STRONG Aorta Clamps

320-257 8 1/4" (21cm), straight shanks, jaw length 2" (5cm), depth 7/8" (2.2cm)
320-258 8 1/4" (21cm), angled shanks, jaw length 2" (5cm), depth 7/8" (2.2cm)

BAHNSON Aortic Clamp

320-263 9 1/8" (23.2cm), angled shanks, curved jaws, jaw length 2 3/4" (7cm)

LAMBERT Abdominal Aortic Aneurysm Clamp

320-266 9 1/4" (23.5cm), angled shanks, curved jaws, jaw length 2" (5cm)

CRANT Abdominal Aortic Aneurysm Clamps ("Texas Twister") 9x3 DeBAKEY Jaws Serrations

320-269 10" (25.5cm), jaw length 1 3/4" (5.5cm), 2" (5cm) beyond curve
320-264 10 1/2" (26.5cm), jaw length 2 5/8" (7cm), 2 1/2" (6.5cm) beyond curve

DeBAKEY Aorta Clamp 2x3 DeBAKEY Jaw Serrations

320-245 10 5/8" (27cm), jaw length 2 1/4" (5.7cm) beyond curve

JARIT Aortic Aneurysm Clamp, DeBAKEY Jaw Serrations

320-357 10 3/4" (27.3 cm), jaw length 2" (5cm), 2 1/4" (5.7cm) beyond curve

MORRIS Aorta Clamps 2x3 DeBAKEY Jaw Serrations

320-267 8 1/4" (21cm), curved shanks, angled jaws, jaw length 2 3/4" (6.7cm) wide jaws
320-259 8 1/2" (21.5cm), curved shanks, angled jaws, jaw length 3 3/4" (9.5cm) delicate jaws
320-268 11" (27.9cm), curved shanks, angled jaws, jaw length 3" (7.6cm), std jaws

COOLEY Iliac Clamps

320-494 8 5/8" (22cm), jaw length 2 1/2" (6.5cm)
320-495 10 1/4" (26cm), jaw length 2 1/2" (6.5cm)

COOLEY Aorta Clamps

320-243 10 7/8" (27.6cm), jaw length 2 1/4" (5.5cm), depth 5/8" (1.5cm)
320-244 10 1/4" (26cm), jaw length 3" (7.5cm), depth 3/4" (1.7cm)

OCHSNER Aorta Clamp

320-242 9 3/8" (24cm), angled shanks, jaw length 2 1/8" (5.4cm), depth 3/4" (1.9cm)

DIETHRICH Aorta Clamp

320-246 8 1/4" (21cm), angled shanks, jaw length 2" (5cm), depth 5/8" (1.6cm)

KAY Aorta Clamp

320-247 7 3/4" (20cm), angled shanks, jaw length 2 1/4" (5.5cm), depth 1 1/8" (3cm)

LAMBERT-KAY Aorta Clamp, Titanium

320-728TI 8" (20.3cm), jaw length 1 1/4" (3cm), depth 3/4" (2cm)

LAMBERT-KAY Aorta Clamp

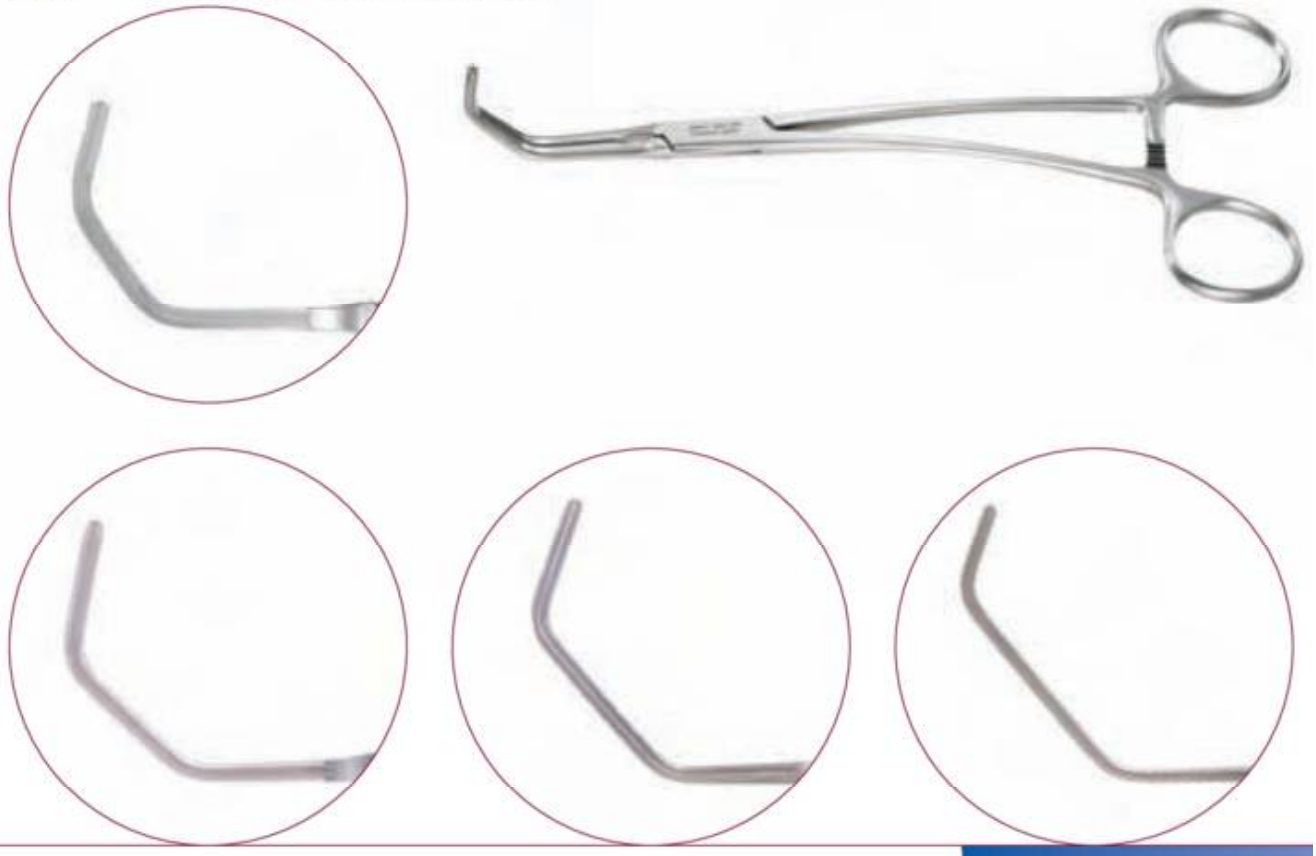
320-248 7 3/4" (20cm), angled shanks, jaw length 2" (4.9cm), depth 3/4" (2cm)

WYLIE "J" Clamp

320-249 8 1/2" (21.5cm), curved shanks, jaw length 1 3/4" (4.5cm), depth 1 3/8" (3.5cm)

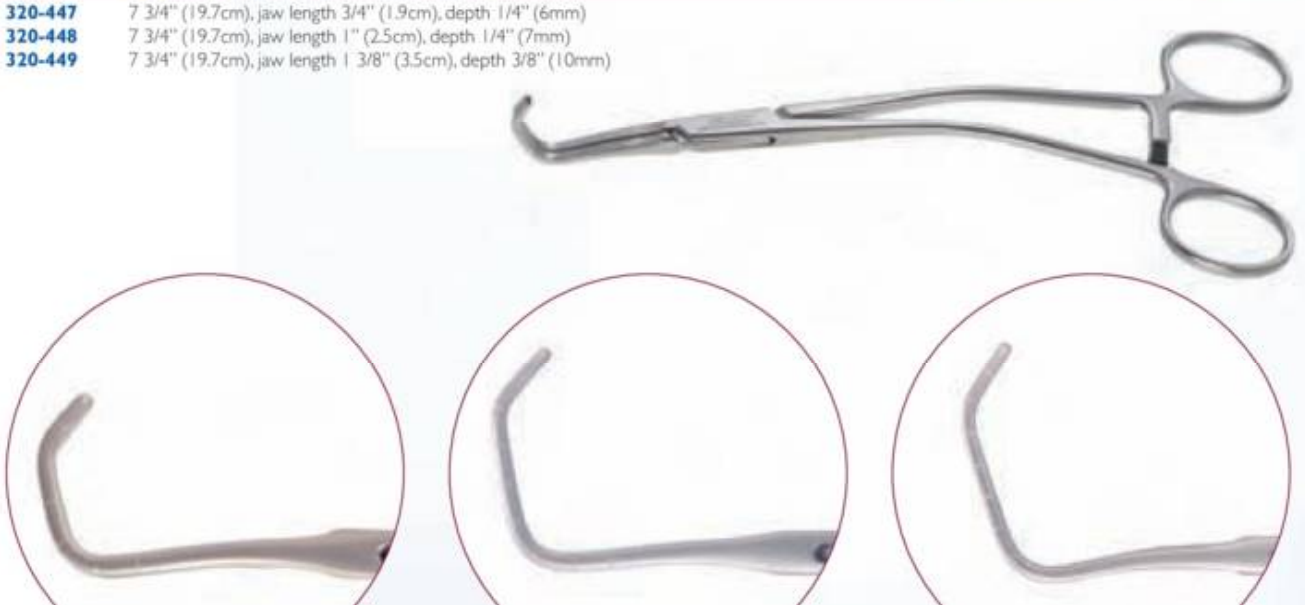
DeBAKEY Tangential Occlusion Clamps

320-320	7 7/8" (20cm), jaw length 1 5/8" (4cm), depth 1/2" (1.2cm)
320-322	9 7/8" (25cm), jaw length 2 1/8" (5.5cm), depth 3/4" (1.8cm)
320-324	10 1/4" (26cm), jaw length 2 1/2" (6.5cm), depth 3/4" (1.8cm)
320-326	10 3/8" (26.5cm), jaw length 2 5/8" (6.7cm), depth 3/4" (1.8cm)
320-328	10 5/8" (27cm), jaw length 3" (8cm), depth 3/4" (2cm)



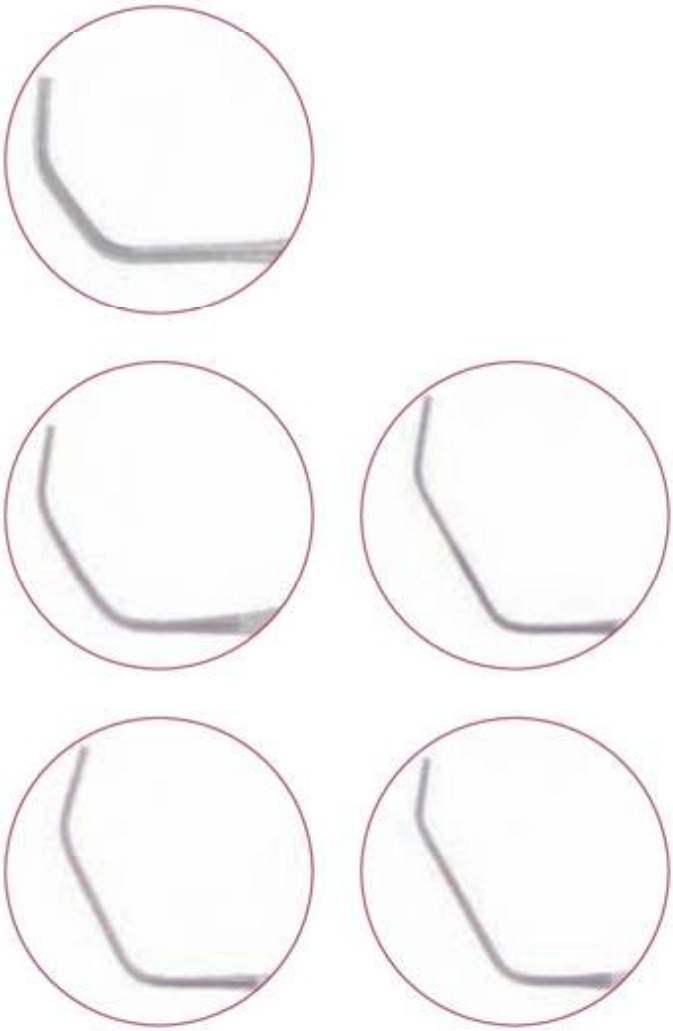
COOLEY Tangential Occlusion Clamps

320-447	7 3/4" (19.7cm), jaw length 3/4" (1.9cm), depth 1/4" (6mm)
320-448	7 3/4" (19.7cm), jaw length 1" (2.5cm), depth 1/4" (7mm)
320-449	7 3/4" (19.7cm), jaw length 1 3/8" (3.5cm), depth 3/8" (10mm)



COOLEY Partial Occlusion Clamps

320-335	8" (20.3cm), jaw length 1" (2.7cm), depth 1/4" (7mm)
320-336	8 1/8" (20.6cm), jaw length 1 1/2" (4cm), depth 3/8" (8mm)
320-337	9" (22.9cm), jaw length 2" (5.2cm), depth 1/2" (1.2cm)
320-338	9 1/4" (23.5cm), jaw length 2 3/8" (6cm), depth 1/2" (1.2cm)
320-339	11" (27.9cm), jaw length 2 7/8" (7.2cm), depth 1/2" (1.2cm)



BECK Aorta Clamps

320-296	8" (20.3cm), straight shanks, jaw length 1 1/4" (3cm), depth 1/4" (8mm)
320-297	8 3/8" (21.3cm), straight shanks, jaw length 1 3/4" (4.5 cm), depth 3/8" (1cm)
320-288	8 1/2" (21.6cm), straight shanks, jaw length 2 5/8" (6.7cm), depth 3/8" (1cm)

SATINSKY Vena Cava Clamps

320-390	9 3/4" (24.5cm), jaw length 2" (5cm), depth 3/8" (1cm), large
320-381	9 3/4" (24cm), jaw length 1 5/8" (4cm), depth 3/8" (1cm), medium
320-392	9 3/4" (23.5cm), jaw length 1 3/8" (3.5cm), depth 1/4" (8mm), small

SATINSKY Vena Cava Clamps

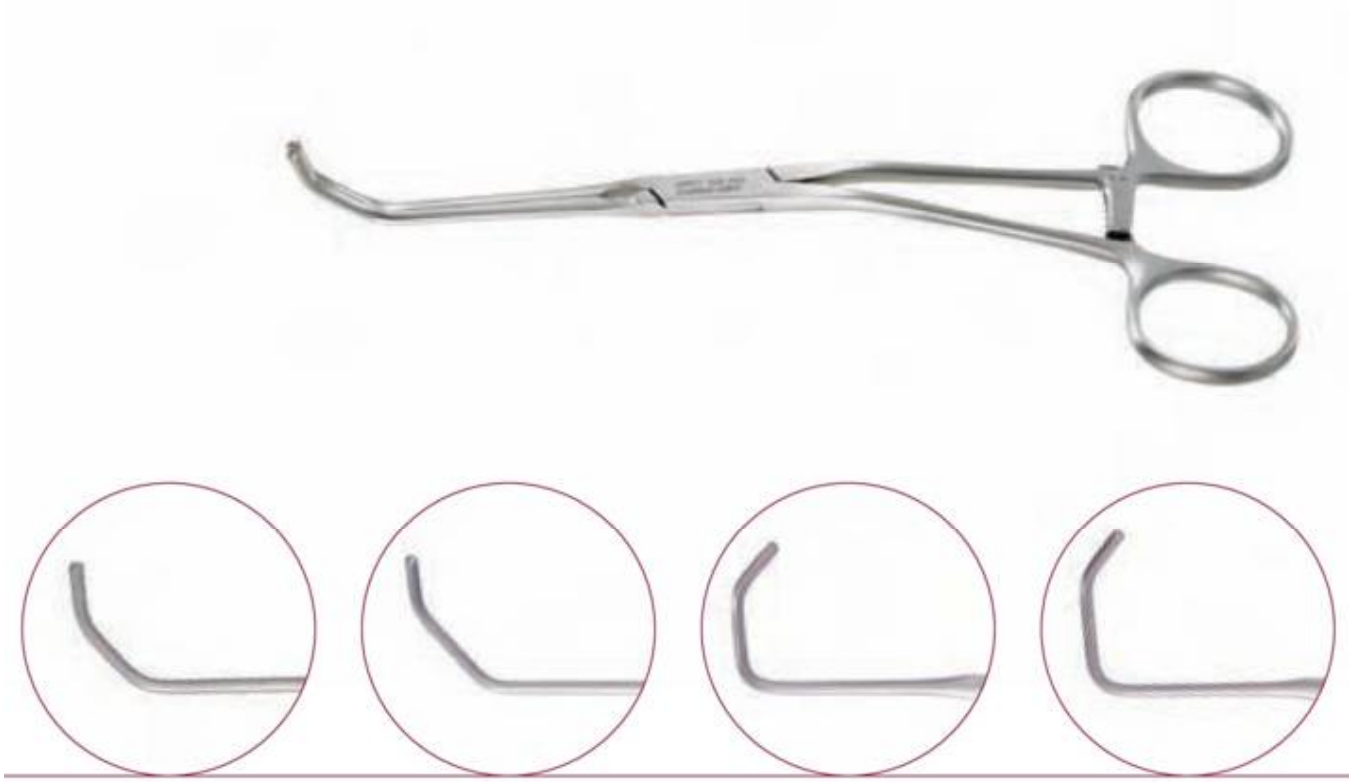
310-204	6 1/4" (15.9cm), cross-serrated, pediatric size
310-200	9 1/4" (23.5cm), cross-serrated
310-202	10 1/4" (26cm), cross-serrated, heavy

GLOVER Auricular Appendage Clamp

320-375	10 7/8" (27.5cm), jaw length 1 7/8" (4.7cm), depth 1/4" (7mm)

REYNOLDS Clamps

320-483	50°	7" (18cm), angled shanks, jaw length 1 1/8" (3cm), depth 1/8" (5mm), small
320-484	50°	7" (18cm), angled shanks, jaw length 1 3/8" (3.5cm), depth 1/4" (7mm), large
320-485	85°	6 1/2" (16.5cm), angled shanks, jaw length 1 1/8" (3cm), depth 1/8" (5mm), small
320-486	85°	6 1/2" (16.5cm), angled shanks, jaw length 1 3/8" (3.5mm), depth 1/4" (7mm), large



HARKEN Auricle Clamps

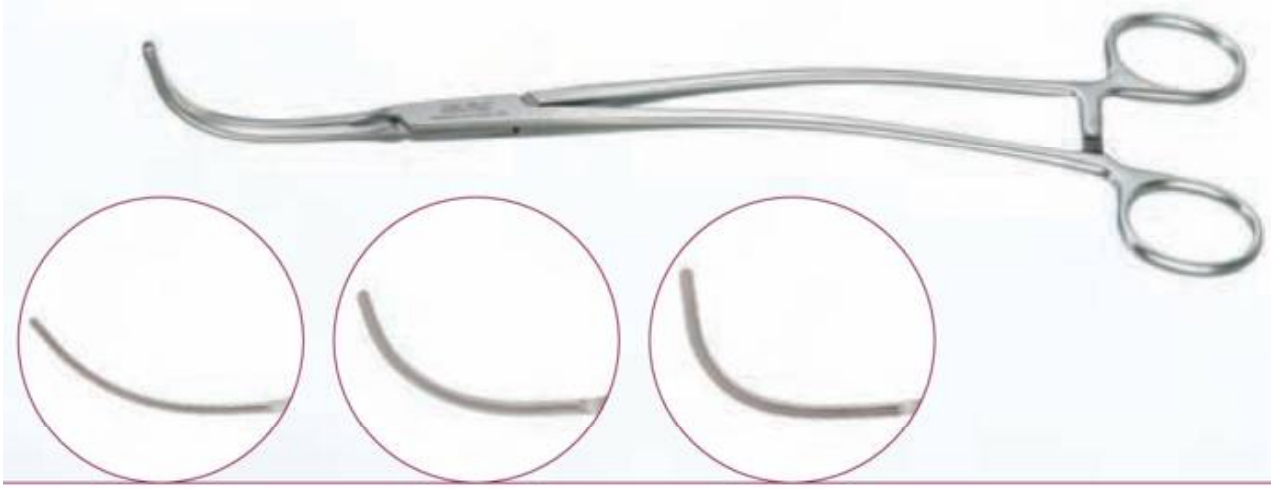
320-380	9 7/8" (25cm), No. 1 curve
320-381	9 1/2" (24cm), No. 2 curve
320-382	9 1/2" (24cm), No. 3 curve
320-383	9 1/2" (24cm), No. 4 curve

GLOVER Clamps

320-370	8 1/4" (21cm), straight shanks, spoon-shaped jaws, jaw length 1 1/2" (4cm)
320-372	10 1/4" (26cm), straight shanks, spoon-shaped jaws, jaw length 2 1/8" (5.5cm)
320-360	8 1/4" (21cm), straight shanks, standard curve, jaw length 1 3/4" (4.5cm)
320-361	9 1/2" (24cm), straight shanks, extra long curve, jaw length 2 1/4" (5.7cm)
320-362	7 1/4" (18.5cm), straight shanks, acutely curved, jaw length 1 5/8" (4cm),
320-363	8 3/4" (22cm), straight shanks, extra long acute curve, jaw length 2 1/8" (5.3cm)

DeBAKEY-BAHNSON Clamps

320-275	10 7/8" (27.6cm), jaw length 3" (7.6cm), light curve
320-276	11 3/8" (28.9cm), jaw length 2 1/2" (6.4cm), medium curve
320-277	10 5/8" (27cm), jaw length 2 3/8" (6cm), acute curve



DeBAKEY Vascular Clamps

320-270	9 5/8" (24.5cm), curved shanks, curved jaws, jaw length 2 3/4" (7.2cm)
320-272	10 3/8" (26.5cm), curved shanks, fully curved jaws, jaw length 4 3/8" (11cm)

COOLEY Multipurpose Clamps

320-472	8" (20.3cm), jaw length 1 1/4" (3.2cm), depth 5/8" (1.6cm)
320-473	8" (20.3cm), jaw length 1 1/2" (3.8cm), depth 3/4" (1.9cm)

DeBAKEY Multi-Purpose Clamps, 60^ Angle

320-302	8" (20.5cm), jaw length 2 1/8" (5.5cm)
320-304	9 3/8" (24cm), jaw length 2 3/4" (7cm)
320-300	9 7/8" (25cm), jaw length 1 5/8" (4cm)
320-306	12" (30.5cm), jaw length 4" (10cm)

LELAND JONES Peripheral Vascular Clamps

320-215	7 5/8" (19.5cm), straight jaws, jaw length 2 3/4" (7cm)
320-216	7 5/8" (19.5cm), 15° angle jaws, jaw length 2 3/4" (7cm)
320-217	7 1/2" (19cm), 30° angle jaws, jaw length 2 3/4" (7cm)

COOLEY Peripheral Vascular Clamps

320-209	6 1/4" (15.9cm), straight shanks, straight jaws, jaw length 1 3/4" (4.5cm)
320-210	6 1/2" (16.5cm), curved shanks, 55° angle jaws, jaw length 1 1/4" (3.2cm)
320-211	6 3/4" (17.1cm), curved shanks, 55° angle jaws, jaw length 1 1/2" (3.8cm)
320-212	7 1/4" (18.4cm), curved shanks, 55° angle jaws, jaw length 2 3/8" (6cm)
320-213	7" (17.8cm), curved shanks, 45° angle jaws, jaw length 1 3/4" (4.5cm)
320-214	6 3/8" (16.2cm), straight shanks, curved jaws, jaw length 1 1/4" (3cm)

DeBAKEY Peripheral Vascular Clamps

320-250 7 1/2" (19cm), curved shanks, angled jaws, jaw length 3 1/8" (8cm)
320-255 7 7/8" (20cm), curved shanks, curved jaws, jaw length 3 1/2" (9cm), S-shape

DeBAKEY Aortic Exclusion Clamp

320-260 7 1/2" (19cm), curved shanks, curved jaws, jaw length 3 3/4" (9.4cm), S-shape

DeBAKEY Peripheral Vascular Clamp

320-265 6 1/4" (16cm), straight shanks, curved jaws, jaw length 2 1/4" (5.6cm)

BAINBRIDGE Clamps, Longitudinal Serrations

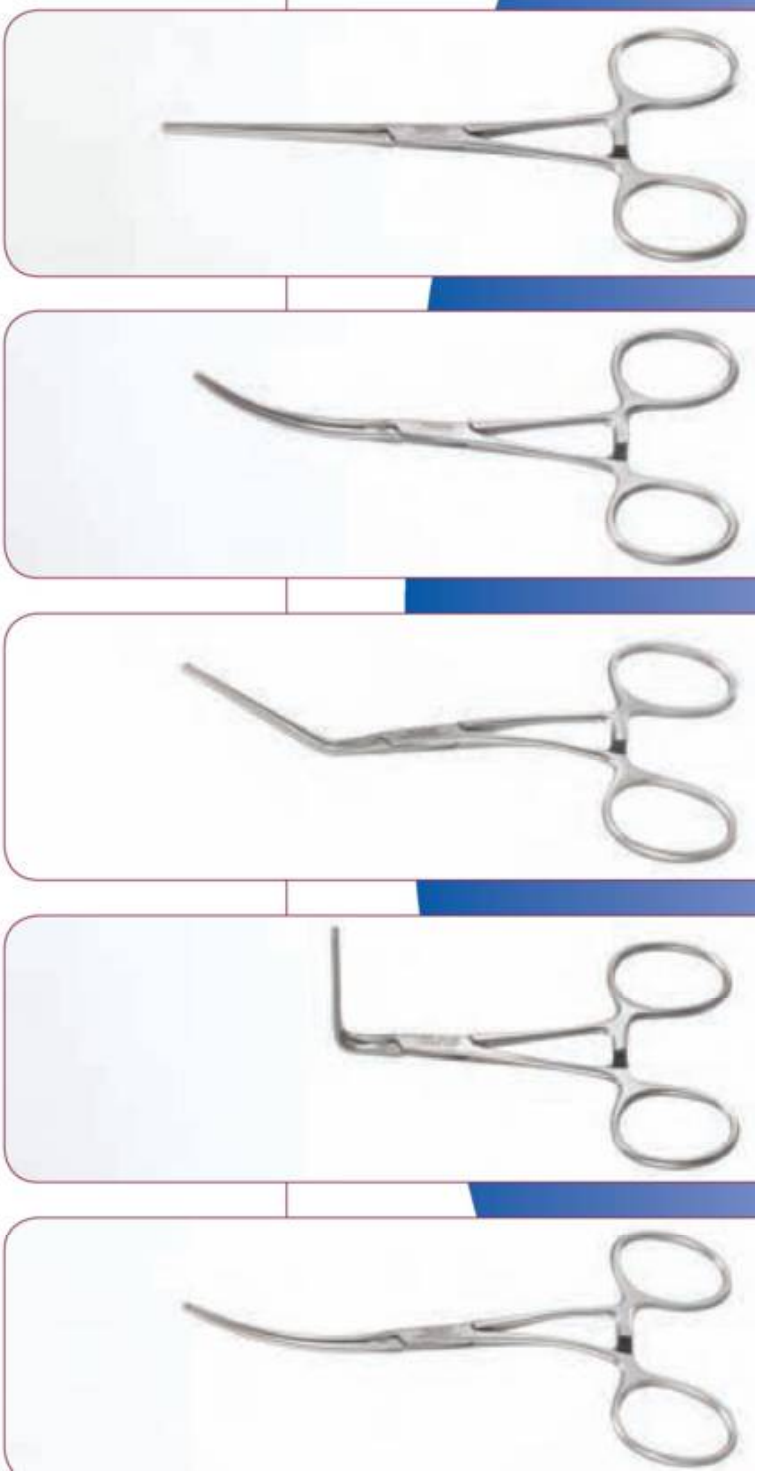
105-300	6" (15.2cm), straight jaws, jaw length 1 3/4" (4.5cm)
105-302	6" (15.2cm), curved jaws, jaw length 1 3/4" (4.5cm)
105-304	7 1/4" (18.4cm), straight jaws, jaw length 2 1/2" (6.5cm)
105-306	7 1/4" (18.4cm), curved jaws, jaw length 2 1/2" (6.5cm)

DeBAKEY-BAINBRIDGE Clamps, DeBakey Serrations

320-228	7 7/8" (20cm), straight jaws, jaw length 2 3/8" (6cm), delicate
320-229	7 7/8" (20cm), curved jaws, jaw length 2 3/8" (6cm), delicate

DeBAKEY Bulldog Clamps, Ring Handle

320-180	5 1/8" (13cm), straight shanks, straight jaws, jaw length 1 3/4" (4.4cm)
320-182	5" (12.7cm), straight shanks, curved jaws, jaw length 1 3/4" (4.4cm)
320-185	4 3/4" (12.1cm), curved shanks, 45° angle jaws, jaw length 1 1/2" (3.8cm)
320-187	4" (10.2cm), straight shanks, 90° angle jaws, jaw length 1 1/2" (3.8cm)
320-188	5" (12.7cm), curved shanks, curved jaws, jaw length 1 3/4" (4.4cm), S-shape



DeBAKEY Coarctation Clamps

320-230	8 5/8" (22cm), straight shanks, straight jaws, jaw length 2 1/8" (5.5cm)
320-231	8 5/8" (22cm), angled shanks, straight jaws, jaw length 2 1/8" (5.5cm)

GLOVER Coarctation Clamps

320-238	8 5/8" (22cm), straight shanks, straight jaws, jaw length 2 5/8" (6.8cm)
320-239	8 5/8" (22cm), angled shanks, straight jaws, jaw length 2 5/8" (6.8cm)
320-240	10 1/8" (25.7cm), straight shanks, straight jaws, jaw length 3" (7.5cm)
320-241	10 1/8" (25.7cm), angled shanks, straight jaws, jaw length 3" (7.5cm)

COOLEY Coarctation Clamps

320-397	8 3/4" (22.2cm), straight shanks, straight jaws, jaw length 2 1/4" (5.5cm)
320-398	8 3/4" (22.2cm), angled shanks, straight jaws, jaw length 2 1/4" (5.5cm)
320-388	9 1/4" (23.5cm), angled shanks, straight jaws, jaw length 2 3/4" (7cm)

CRAFOORD Coarctation Clamp

310-214	9 3/4" (24.8cm), longitudinal serrations

FRIEDMAN Patent Rupture Clamps

320-395	8 3/4" (22.2cm), straight shanks, straight jaws, jaw length 2 1/4" (6cm)
320-396	8 3/4" (22.2cm), angled shanks, straight jaws, jaw length 2 1/4" (6cm)

DeBAKEY Patent Ductus Clamps

320-233	7 5/8" (19.5cm), straight shanks, straight jaws, jaw length 1 5/8" (4.2cm)
320-234	7 5/8" (19.5cm), angled shanks, straight jaws, jaw length 1 5/8" (4.2cm)

GLOVER Patent Ductus Clamps

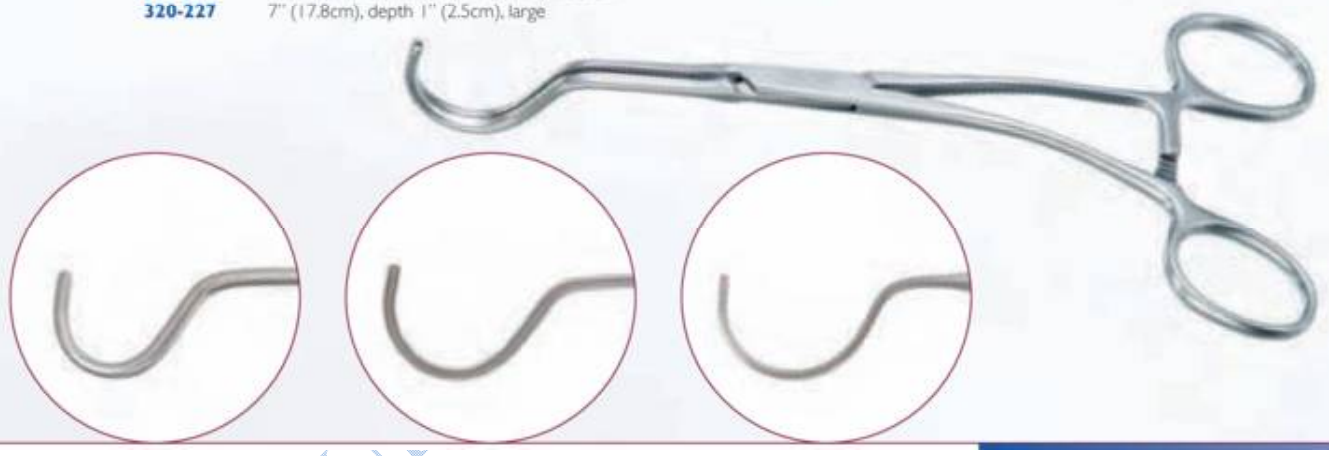
320-235	8" (20.5cm), straight shanks, straight jaws, jaw length 1 1/4" (3cm)
320-236	8" (20.5cm), angled shanks, straight jaws, jaw length 1 1/4" (3cm)

FBEFFBV Brofun.la Flamps

320-218	5" (12.8cm), jaw length 1 1/2" (4cm), delicate
320-220	6" (15.2cm), jaw length 2" (5cm)
320-221	7 3/8" (18.7cm), jaw length 2 3/8" (6cm)
320-222	7 3/4" (19.7cm), jaw length 2 3/4" (7cm)

DALE Eemoral-Popliteal Clamps

320-225	7" (17.8cm), depth 1/2" (1.3cm), small
320-226	7 1/8" (18.1cm), depth 3/4" (1.9cm), medium
320-227	7" (17.8cm), depth 1" (2.5cm), large



PRIME SU

RENAL Artery Clamps

320-480	7 1/4" (18.5cm), jaw length 2 1/4" (5.8cm)
320-481	7 3/4" (19.5cm), jaw length 2 5/8" (6.5cm)
320-482	10 3/4" (27.3cm), jaw length 3 1/2" (9cm)

HENLY Vascular Clamp

320-262	8" (20.3cm), double angled jaws, jaw length 3 1/2" (8.9cm)

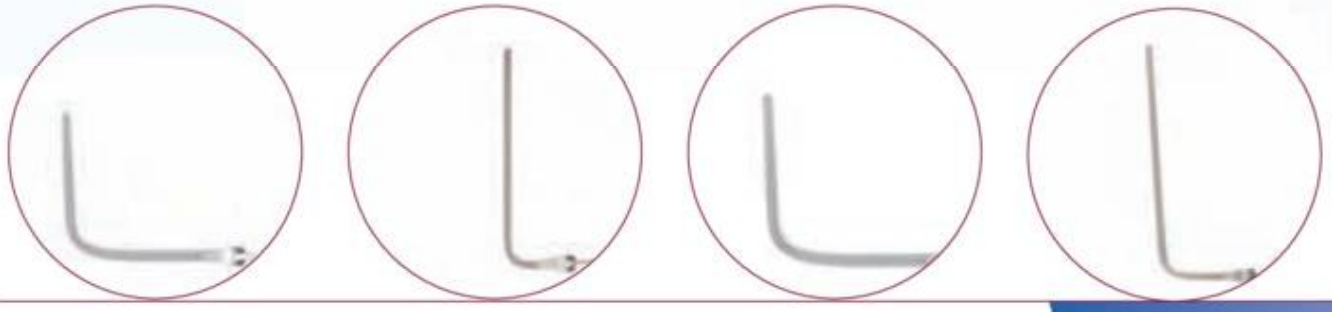
PRIME

DEMOS Tibial Artery Clamp

320-223	8 1/2" (21.6cm), jaw length 1 1/2" (3.8cm), perpendicular ring handles

DeBAKEY Multi-Purpose Clamps, 90° angle

320-312	7" (18cm), jaw length 2 1/8" (5.5cm)
320-314	8 1/2" (21.5cm), jaw length 2 3/4" (7cm)
320-310	9" (23cm), jaw length 1 5/8" (4cm)
320-316	10 7/8" (27.5cm), jaw length 4" (10cm)



LEE Right Angle and Bronchus Clamps

320-200	9" (23cm), right angle clamp, jaw length 1 3/8" (3.3cm) beyond angle
320-205	9 3/4" (25cm), bronchus clamp, jaw length 1 3/8" (3.3cm) beyond angle

SAROT Bronchus Clamps

305-450	9" (22.9cm), jaw length 1 1/2" (3.8cm), right
305-451	9" (22.9cm), jaw length 1 1/2" (3.8cm), left

LABBERI Auricle Clamps

310-190	9 1/2" (24.1cm), cross-serrated, No. 1 curve
310-191	9 1/2" (24.1cm), cross-serrated, No. 2 curve
310-192	9 1/2" (24.1cm), cross-serrated, No. 3 curve
310-193	9 1/2" (24.1cm), cross-serrated, No. 4 curve

STILLE Vessel Clamp

475-500	9" (22.9 cm), horizontal serrations

MAYO (GUYON) Vessel Clamp

475-505	9 1/4" (23.5cm), horizontal serrations

HERRICK Kidney Clamp

475-510 9 1/2" (24.1cm), longitudinal serrations

WERTHEIM Pedicle Clamp

475-520 10" (25.4cm), horizontal serrations

WERTHEIM-CULLEN Pedicle Clamp

475-525 8 1/4" (21cm), longitudinal serrations

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OCHSNER Forceps

105-235 4 1/2" (11.4cm), horizontal serrations, 90° angle, very fine tips

BARBBIRSE Forceps

105-300 6" (15.2cm), longitudinal serrations, straight jaws
105-302 6" (15.2cm), longitudinal serrations, curved jaws

MIXTER Pediatric Forceps

140-216 5 1/4" (13.3cm), curved
140-217 5 1/8" (13cm), right angle

MIXTER Forceps, Bent-Point, Right Angle

140-218 5 1/4" (13.3cm)

GEMINI Clamp

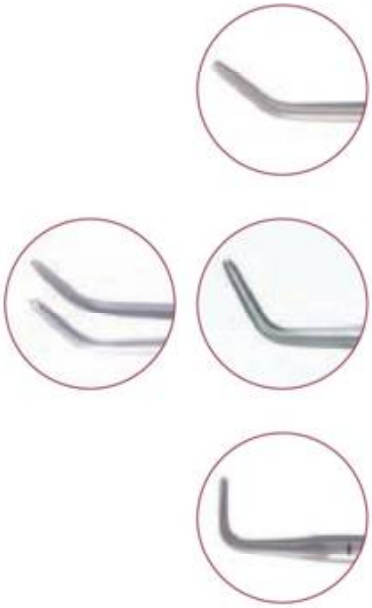
140-329	5 1/2" (14cm)

JARIT Vascular Forceps, Finely Serrated Jaws

320-630	5 1/2" (14cm), straight
320-631	5 1/2" (14cm), curved
320-632	5 1/3" (13.5cm), full curve
320-633	5 1/2" (14cm), straight, 1x2 teeth
320-634	5 1/2" (14cm), curved, 1x2 teeth

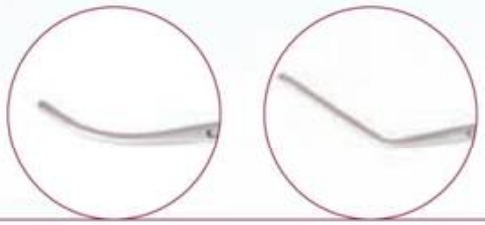
BAILEY Forceps, Very Fine Tips

320-650	7" (17.8cm), 30° angle
320-651	7" (17.8cm), 60° angle
320-652	7" (17.8cm), 90° angle



GREGORY Miniature Vascular Clamps, Curved Shanks, Ring Handle, Extra Light

320-193	4 3/8" (11cm), curved shanks, curved jaws, S-shaped
320-194	4 3/4" (12.2cm), curved shanks, 45° angle jaws
320-189	4 3/4" (12.2cm), straight shanks, 45° angle jaws, delicate



SELMAN Peripheral Blood Vessel Forceps, Cooley Serrations

320-195	4 3/4" (12.1cm), straight jaws, jaw length 1/2" (1.3cm)
320-196	5 1/4" (13.3cm), straight jaws, jaw length 1" (2.5cm)
320-197	4 3/4" (12.1cm), angled jaws, jaw length 1/2" (1.3cm)
320-198	5 1/4" (13.3cm), angled jaws, jaw length 1" (2.5cm)

DeBAKEY Multi-Purpose Clamps, Jaw Length 1 3/8" (3.5cm)

320-460	6 1/2" (16.5cm), 30° angle
320-461	6" (15.2cm), 60° angle
320-462	5 1/2" (14cm), 90° angle

COOLEY Multi-Purpose Clamps, Jaw Length 1 3/8" (3.5cm)

320-450	6 1/2" (16.5cm), 30° angle
320-451	6" (15.2cm), 60° angle
320-452	5 1/2" (14cm), 90° angle

CASTANEDA Multi-Purpose Clamps, Jaw Length 1 3/8" (3.5cm)

320-600	4 7/8" (12.4cm), curved shanks
320-601	5" (12.7cm), 30° angle
320-602	4 7/8" (12.4cm), 50° angle
320-603	4 1/4" (10.8cm), 90° angle

FRRI EY Bediatric Multi-Burpose Flamps, 88° Angle

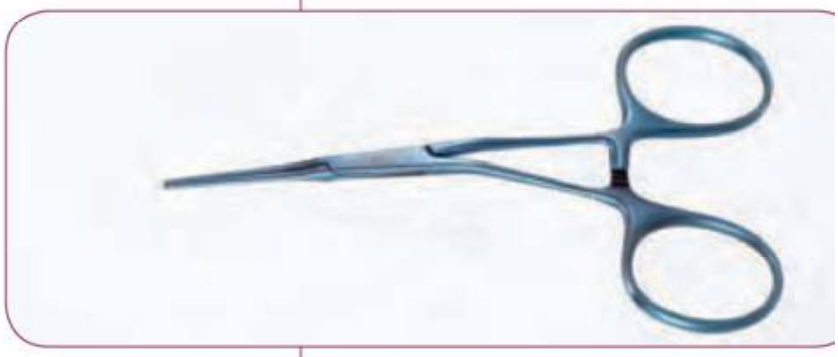
320-416	4 1/2" (11.4cm), jaw length 3/4" (1.9cm)
320-417	4 1/2" (11.4cm), jaw length 1" (2.5cm)
320-418	4 1/2" (11.4cm), jaw length 1 3/8" (3.5cm)

BABBIK Multi-Burpose Flamps - "B" FI AMB

320-800	5 7/8" (15 cm), jaw length 1" (2.7cm), straight
320-801	5 7/8" (15 cm), jaw length 1 1/4" (3cm), 15° angle
320-802	5 7/8" (15 cm), jaw length 1 1/4" (3cm), 30° angle
320-803	5 7/8" (15 cm), jaw length 1 1/4" (3cm), 45° angle
320-804	5 1/2" (14 cm), jaw length 1 1/4" (3cm), 90° angle
320-810	6 3/4" (17 cm), jaw length 1 1/2" (4cm), straight
320-811	6 3/4" (17 cm), jaw length 1 1/2" (4cm), 15° angle
320-812	6 3/4" (17 cm), jaw length 1 1/2" (4cm), 30° angle
320-813	6 3/4" (17 cm), jaw length 1 1/2" (4cm), 45° angle
320-814	6 1/3" (16 cm), jaw length 1 1/2" (4cm), 90° angle

MICRO CLAMPS, Pediatric, DeBakey Serrations, Titanium

320-700TI	4 3/4" (12.1cm), straight shanks, jaw length 1 1/4" (3.2cm)
320-701TI	4 3/4" (12.1cm), curved shanks, jaw length 1 1/4" (3.2cm)
320-702TI	4 1/4" (10.8cm), angled shanks, jaw length 7/8" (2.2cm)
320-708TI	4 5/8" (11.7cm), acutely angled shanks, jaw length 1 1/4" (3.2cm)

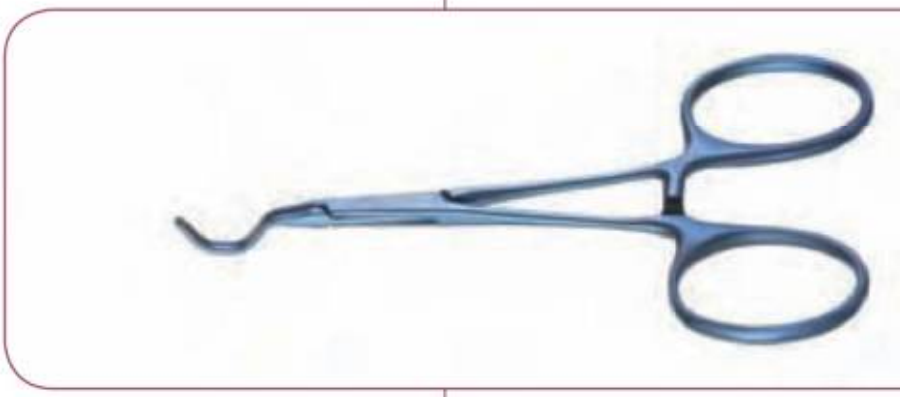


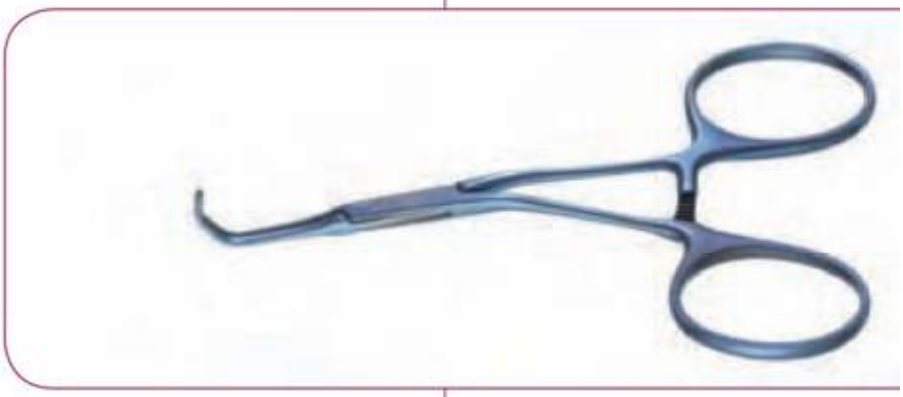
MICRO CLAMPS, Pediatric, DeBakey Serrations, Titanium

320-703TI	4 1/4" (10.8cm), straight shanks, , 45° angled jaw, jaw length 1" (2.5cm)
320-708TI	4 1/2" (11.4cm), straight shanks, 45° angled jaw, jaw length 1 1/4" (3.2cm)
320-704TI	4 1/8" (10.5cm), straight shanks, , 60° angled jaw, jaw length 7/8" (2.2cm)
320-710TI	4 1/4" (10.8cm), straight shanks, 60° angled jaw, jaw length 1 1/4" (3.2cm)

MICRO CLAMPS, Pediatric, DeBakey Serrations, Titanium

320-706TI	4 1/8" (10.5cm), straight shanks, jaw length 1/2" (1.3cm), depth 1/4" (6mm)
320-705TI	4 1/8" (10.5cm), slightly angled shanks, jaw length 1/2" (1.3cm), depth 1/4" (6mm)
320-711TI	4 3/8" (11.1cm), curved shanks, jaw length 7/8" (2.2cm), depth 1/4" (6mm)





MICRO CLAMPS, Pediatric, DeBakey Serrations, Titanium

320-707TI	4 1/8" (10.5cm), slightly angled shanks, jaw length 5/8" (1.6cm), depth 3/8" (1cm)
320-712TI	4 3/8" (11.1cm), slightly angled shanks, jaw length 3/4" (2cm), depth 3/8" (1cm)
320-713TI	4 5/8" (11.7cm), straight shanks, spoon-shaped jaw length 1" (2.5cm), depth 1/4" (6mm)

PK

DeBAKEY Patent Ductus Clamps, Delicate

320-199	6" (15.2cm), straight shanks, jaw length 1" (2.5cm), 2.5mm tips
320-453	6 3/4" (17.1cm), straight shanks, jaw length 2" (5.2cm), 2mm tips
320-454	6 3/8" (16.2cm), angled shanks, jaw length 1 7/8" (4.7cm), 2mm tips

COOLEY Patent Ductus Clamps

320-400	6 3/4" (17cm), straight shanks, straight jaws, jaw length 1 1/8" (3cm)
320-401	6 1/4" (16cm), angled shanks, straight jaws, jaw length 1 1/8" (3cm)

DeBAKEY Coarctation Clamps, Delicate, 2mm Tips

320-455	7" (17.8cm), straight shanks, straight jaws, jaw length 1 3/8" (6cm)
320-456	7" (17.8cm), angled shanks, straight jaws, jaw length 1 3/8" (6cm)
320-457	7" (17.8cm), straight shanks, spoon-shaped jaws, jaw length 1 3/4" (4.4cm)

COOLEY Coarctation Clamps

320-405	6 1/4" (16.cm), angled shanks, straight jaws, jaw length 1 1/8" (3cm)
320-403	6 7/8" (17.5cm), straight shanks, straight jaws, jaw length 1 3/4" (4.5cm)
320-406	6 3/4" (17.cm), straight shanks, curved jaws, jaw length 1 3/4" (4.4cm)
320-410	7" (18cm), straight shanks, spoon-shaped jaws, jaw length 2 3/8" (6cm)

COOLEY Pediatric Clamps

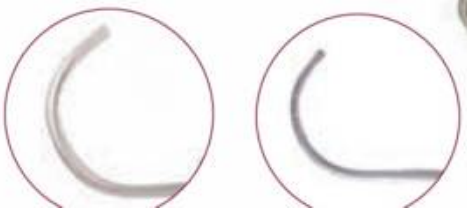
320-411	5 1/2" (14cm), straight shanks, straight jaws, jaw length 1 1/8" (3cm)
320-412	5 1/4" (13.3cm), straight shanks, angled jaws, jaw length 1 1/8" (3cm)
320-413	5 1/4" (13.3.cm), angled shanks, straight jaws, jaw length 1 1/8" (3cm)
320-414	5 1/2" (14cm), straight shanks, spoon-shape jaws, jaw length 1 1/8" (3cm)

DeBAKEY Peripheral Vascular Clamp

320-265	6 1/4" (16cm), curved jaws, jaw length 1 3/4" (4.4cm)

BECK Vessel Clamps

320-470	6" (15.2cm), straight shanks, jaw length 1" (2.5cm), depth 3/8" (1cm)
320-471	6" (15.2cm), straight shanks, jaw length 1 1/8" (3cm), depth 3/8" (1cm)

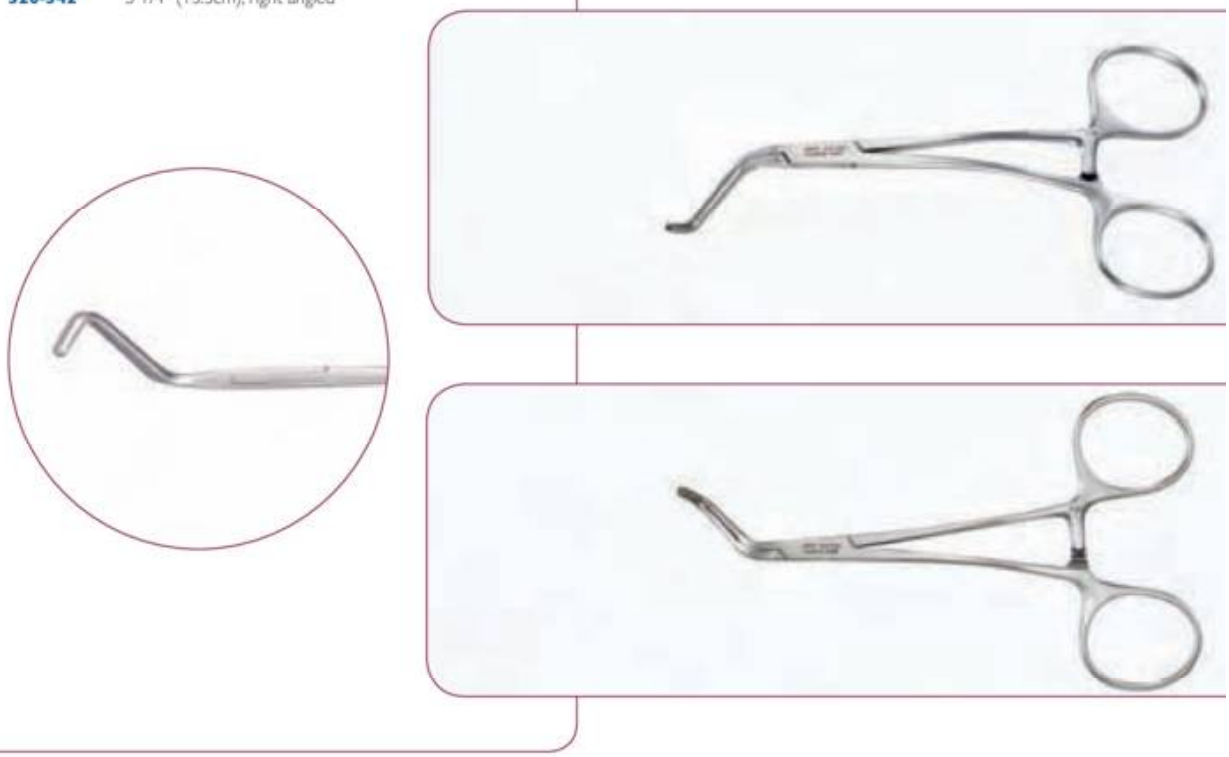


MULTI-PURPOSE CLAMPS, Cooley Serrations, Angled Shanks

320-475	6 1/2" (16.5cm), jaw length 1 1/2" (3.8cm), depth 5/8" (1.5cm)
320-476	6 1/2" (16.5cm), jaw length, 2" (5cm), depth 3/4" (2cm)

KITZMILLER Clamps, Cooley Serrations, Jaw Length 1 1/8" (3cm), Stainless Steel

320-540	5 1/4" (13.3cm), left angled
320-542	5 1/4" (13.3cm), right angled

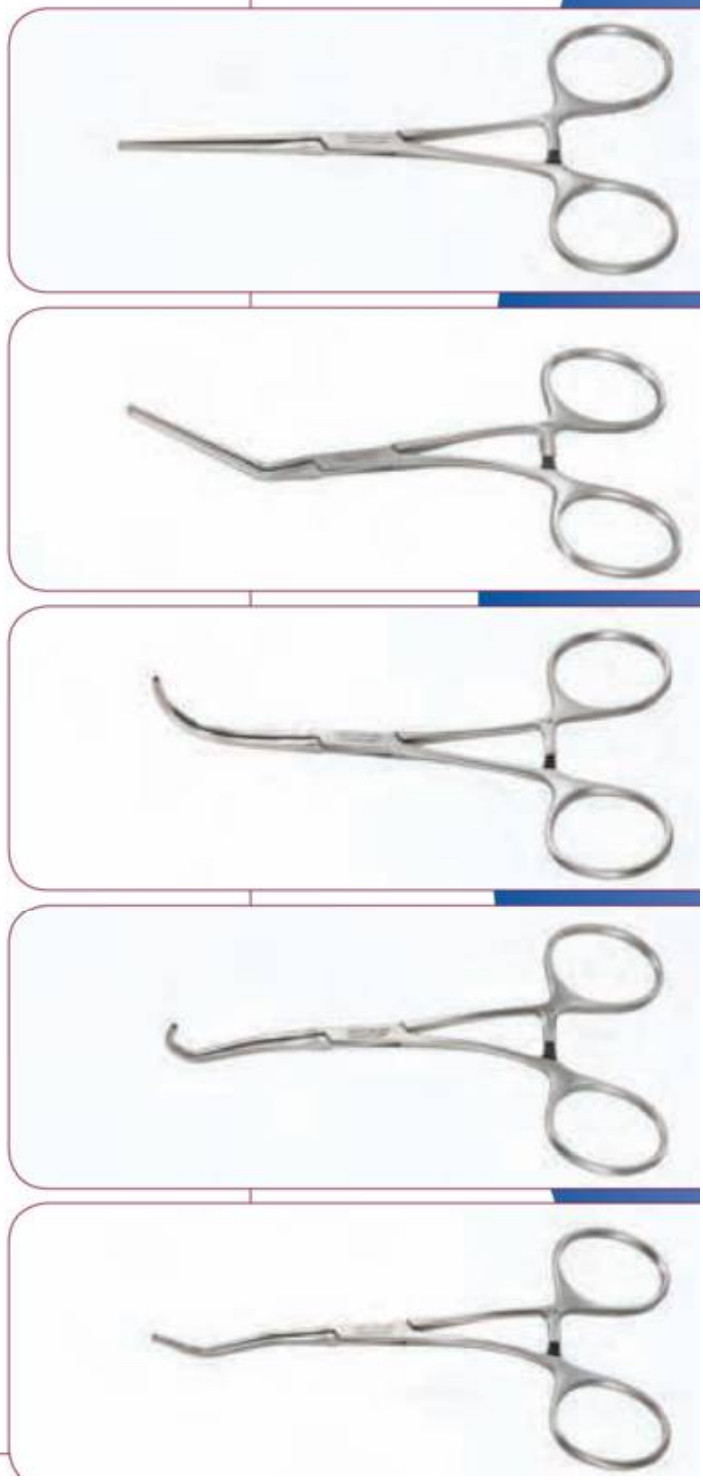


KITZMILLER Micro Clamps, DeBakey Serrations, Jaw Length 7/8" (2.3cm), Titanium

320-540TI	4 1/4" (10.8cm), left angled
320-542TI	4 1/4" (10.8cm), right angled

COOLEY Neonatal Vascular Clamps

320-500	5 1/8" (13cm), straight shanks, straight jaws, jaw length 1 1/2" (3.8cm)
320-501	5 1/8" (13cm), angled shanks, straight jaws, jaw length 1 5/8" (4.2cm)
320-502	5 1/8" (13cm), curved shanks, angled jaws, jaw length 1 5/8" (4.2cm)
320-503	5 1/8" (13cm), straight shanks, curved jaws, jaw length 1 5/8" (4.2cm)
320-504	5 1/8" (13cm), curved shanks, jaw length 3/4" (2cm), depth 1/4" (5mm)
320-505	5 1/8" (13cm), jaw length 1 1/2" (3.8cm), carotid clamp



CALMAN Carotid Closure Clamp

320-520 4 7/8" (12.4cm), jaw length 1 1/4" (3.2cm), depth 1/4" (7mm)

THOMPSON Carotid Closure Clamp

320-525 6" (15.2cm), jaw length 1" (2.5cm), depth 1/8" (4mm)

EXAMPLE Clamp

320-530 6 1/4" (15.9cm), jaw length 13/8" (3.5cm), depth 3/8" (9mm)

KARTCHNER Internal Carotid Clamp

320-535 6 1/2" (16.5cm), jaw length 2" (5cm)

GREGORY Profunda Clamp

320-218 5" (12.8cm), jaw length 1 1/2" (4cm), delicate

BECK Miniature Aorta Clamp

320-487 5 1/2" (14cm), jaw length 1" (3cm), depth 1/4" (6mm)

SUBRAMANIAN Miniature Aorta Clamp

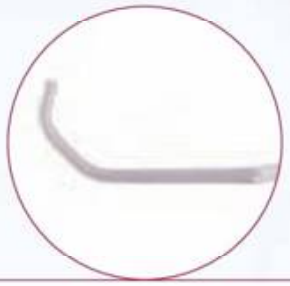
320-490 5 1/2" (14cm), jaw length 1 1/8" (3cm) beyond curve

COOLEY-SATINSKY Clamp

320-415 5 1/2" (14cm), jaw length 3/4" (2cm), depth 1/4" (5mm)

COOLEY Pediatric Vascular Clamps

320-506 5 1/4" (13.3cm), curved shanks, jaw length 5/8" (1.6cm), depth 1/4" (5mm)
320-507 5 1/4" (13.3cm), curved shanks, jaw length 1/2" (1.2cm), depth 1/4" (5mm)
320-508 5 1/4" (13.3cm), curved shanks, jaw length 1/3" (8mm), depth 1/4" (5mm)



COOLEY Vascular Clamps, 90° Angle

320-440 6 1/2" (16.5cm), jaw length 1 1/8" (2.7cm), depth 3/8" (1cm)
320-441 6 1/2" (16.5cm), jaw length 1 1/4" (3.4cm), depth 1/4" (7mm)

REYNOLDS Clamps, 85° Angle

320-485	6 1/4" (15.9cm), jaw length 1" (2.6cm), depth 1/4" (5mm)
320-486	6 1/4" (15.9cm), jaw length 1 1/8" (3cm), depth 1/4" (6mm)

ANASTOMOSIS Clamps

320-420	6 3/4" (17cm), angled shanks, jaw length 7/8" (2.3cm), depth 3/8" (1cm), DeBakey serrations
320-422	6 1/2" (16.5cm), angled shanks, jaws angled left, jaw length 3/4" (2cm), depth 3/8" (1cm), Cooley serrations

JARIT Anastomosis Clamp

320-425	6 3/4" (17cm), jaw length 1 5/8" (2.5cm), depth 3/8" (1cm), Cooley serrations

CASTANEDA Anastomosis Clamps

320-610	5 3/4" (14.6cm), jaw length 5/8" (1.5cm), depth 1/4" (5mm)
320-611	6" (15.2cm), jaw length 6/8" (1.8cm), depth 1/4" (6mm)
320-612	6 1/8" (15.6cm), jaw length 7/8" (2.1cm), depth 1/3" (7mm)

DERRA Anastomosis Clamps

320-430	6 3/4" (17cm), jaw length 3/4" (1.9cm), depth 3/8" (1cm), small
320-431	6 3/4" (17cm), jaw length 1" (2.5cm), depth 1/2" (1.3cm), medium
320-432	6 3/4" (17cm), jaw length 1 1/4" (3.3cm), depth 5/8" (1.5cm), large

COOLEY-DERRA Anastomosis Clamps

320-435	6 1/2" (16.5cm), jaw length 5/8" (1.7 cm), depth 1/4" (8mm), small
320-436	6 1/2" (16.5cm), jaw length 7/8" (2.2cm), depth 3/8" (1cm), medium
320-437	6 1/2" (16.5cm), jaw length 1 1/8" (3cm), depth 1/2" (1.3cm), large

DERRA Partial Occlusion Clamps

320-433	4 1/2" (11.4cm), angled shanks, jaw length 3/8" (1cm), short, small curve
320-463	4 3/8" (11.1cm), angled shanks, jaw length 5/8" (1.6cm), short, medium curve
320-464	4 1/2" (11.4cm), angled shanks, jaw length 1 1/8" (2.8cm), short, large curve
320-465	5 1/2" (14cm), curved shanks, jaw length 3/4" (1.7cm), small curve
320-466	5 1/2" (14cm), curved shanks, jaw length 7/8" (2.2cm), medium curve
320-467	5 3/4" (14.6cm), curved shanks, jaw length 1" (2.5cm), large curve

CASTANEDA Partial Occlusion Clamp

320-604	4 7/8" (12.4cm), jaw length 7/8" (2.4cm), depth 1/3" (8mm), spoon-shape

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VASCULAR CLAMPS

Aortic Aneurysm Clamps

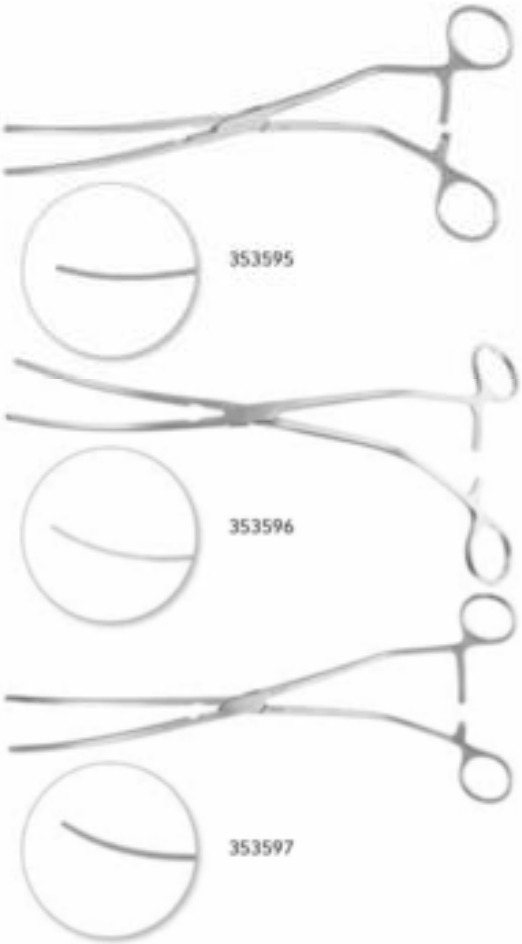
WYLIE ABDOMINAL AORTA CLAMP

CATALOG #	DESCRIPTION
353658	DeBakey®-type Jaws, 8-1/2" (21.5 cm)

ZANGER ABDOMINAL AORTA CLAMPS

Acutely curved handle, 1 x 9 ratchets.

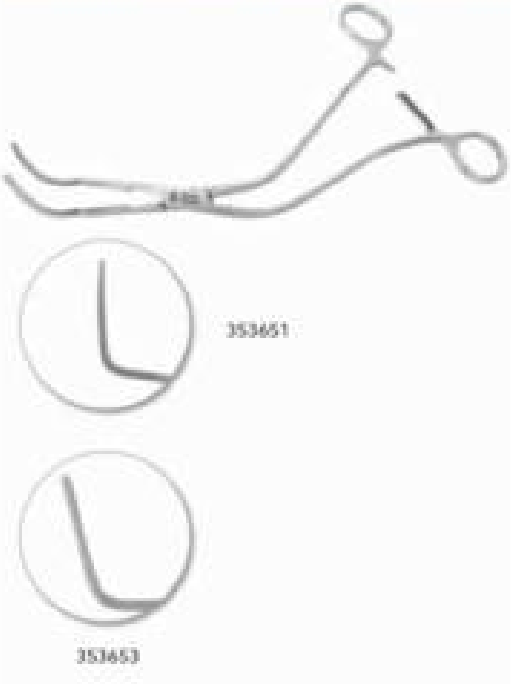
CATALOG #	DESCRIPTION
353595	8-1/8" (20.5 cm)
353596	9-3/4" (25 cm)
353597	11-1/4" (28.5 cm)



VASCULAR CLAMPS

Aortic Aneurysm Clamps

GRANT ABDOMINAL AORTIC ANEURYSM CLAMPS, "TEXAS TWISTER"



Unique design allows lateral cross clamping of aorta. On thin patients the multi-angled handle can be conveniently placed over left wound margin. In the heavy or obese patient, handles can be tucked under abdominal wall. Wide, secure, 2 x 3 DeBakey®-type Jaws, 1 x 11 ratchets for gradual declamping and graft flushing.

CATALOG #	DESCRIPTION
353651	Curved, 2-5/8" (6.5 cm) jaw, 7-7/8" (20 cm)
353653	Short, 2-1/8" (5.5 cm) jaw, 9-1/4" (23.5 cm)

HOWARD-DEBAKEY® AORTIC ANEURYSM CLAMPS

Reverse curve shafts, 1 x 9 ratchets, DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353609	1 x 2, 4-1/8" (10.5 cm) jaws, 10-3/4" (27.5 cm)
353610	2 x 3, 4" (10.5 cm) jaws, 12-1/2" (32 cm)

VASCULAR CLAMPS

Aortic Aneurysm Clamps

DEBAKEY® FULL CURVED AORTIC ANEURYSM CLAMPS

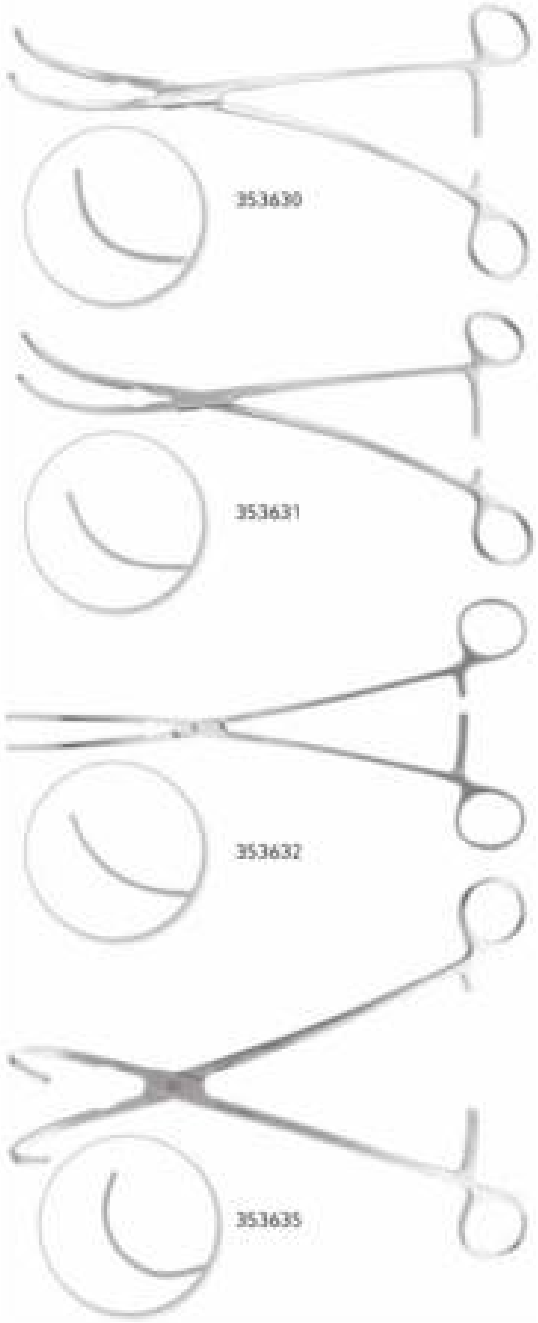
DeBakey®-type Jaws. More acutely curved in both jaw and handle sections than aortic clamps 353600 to 353607. For occlusion of the neck of sacciform aneurysms of the aorta in tangential excision of such aneurysms and subsequent aortography. Also for temporary occlusion of the aorta in resection of fusiform aneurysms of the aorta in resection and restoration of continuity by aortic grafts.

CATALOG #	DESCRIPTION
353625	2-1/8" (5.5 cm) jaw, 9-1/2" (24 cm)
353626	11-1/8" (28.5 cm)
353627	2-1/4" (5.5 cm) jaw, 12-1/2" (31.5 cm)

VASCULAR CLAMPS

Aortic Aneurysm Clamps

DEBAKEY® CURVED CLAMPS



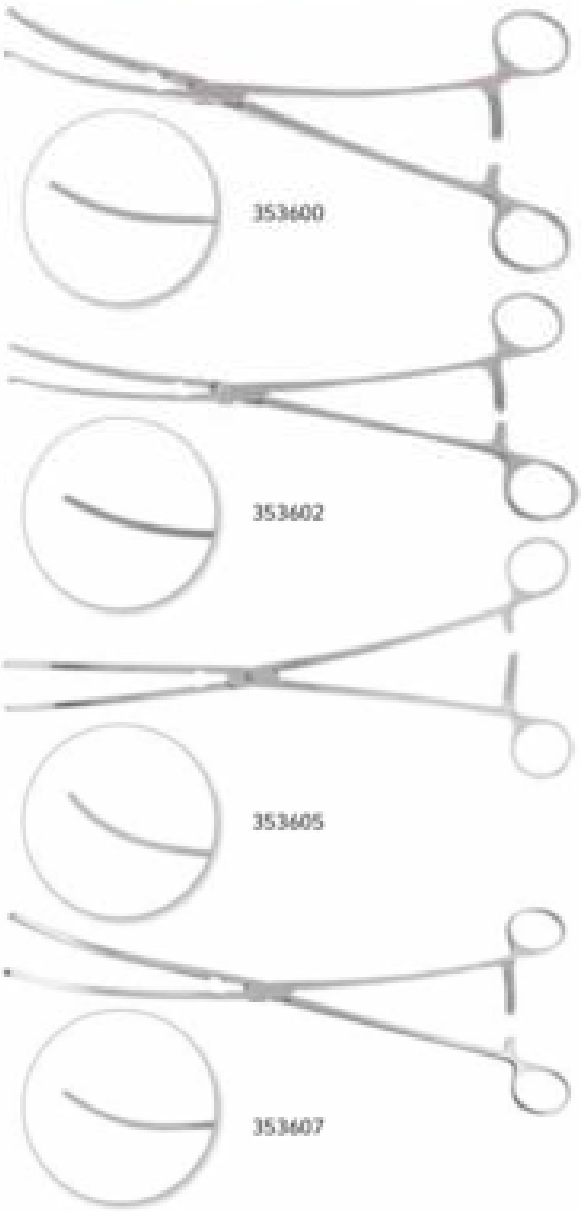
These matched instruments are useful in a wide variety of situations but were originally designed to temporarily occlude the iliac artery just distal to the aorta in resection of aneurysms of the abdominal aorta involving bifurcation. DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353630	Acutely curved, 1-1/4" (3.5 cm) jaw, spring handle, 1 x 11 ratchets, 9-5/8" (24.5 cm)
353631	Medium curved, Bahnson type, 1-1/4" (3 cm) jaw, spring handle, 1 x 9 ratchets, 10-1/8" (25.5 cm)
353632	Slightly curved, Bahnson type, 1-1/4" (3 cm) jaw, spring handle, 1 x 9 ratchets, 10-3/8" (26 cm)
353635	Extra-large, acutely curved, 2-1/2" (6.5 cm) jaw, 1 x 11 ratchets, 10-3/8" (26 cm)

VASCULAR CLAMPS

Aortic Aneurysm Clamps

DEBAKEY® AORTIC ANEURYSM CLAMPS



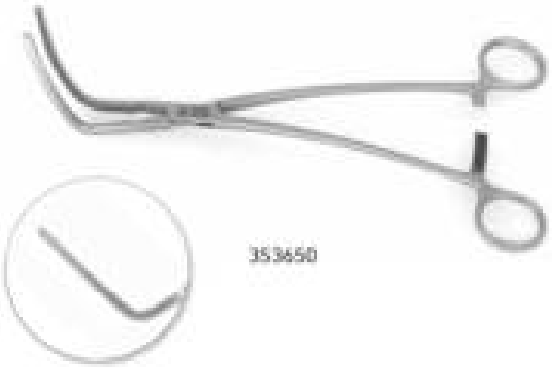
DeBakey®-type Jaws. For occlusion of the neck of sacciform aneurysms of the aorta in tangential excision of such aneurysms and subsequent aortography. Also for temporary occlusion of the aorta in resection of fusiform aneurysms of the aorta and restoration of continuity by aortic grafts.

CATALOG #	DESCRIPTION
353600	3-3/4" (9.5 cm) jaw, 1 x 9 ratchets, 10-3/8" (26.5 cm)
353602	4" (10 cm) jaw, 1 x 9 ratchets, 10-7/8" (27.5 cm)
353605	4-7/8" (12.5 cm) jaw, 1 x 11 ratchets, 12-1/2" (32 cm)
353607	5-3/4" (14.5 cm) jaw, 1 x 11 ratchets, 13-1/4" (33.5 cm)

VASCULAR CLAMPS

Aortic Aneurysm Clamps

DEBAKEY® AORTA CLAMP



Jaws angled on flat and spoon-shaped. This clamp with DeBakey®-type Jaws may be used for both the abdominal aorta and the thoracic aorta for temporary occlusion during performance of resection and graft replacement. The specially angled jaw permits convenient application of the clamp in such a manner as to maintain the handles of the clamp away from the field of operation.

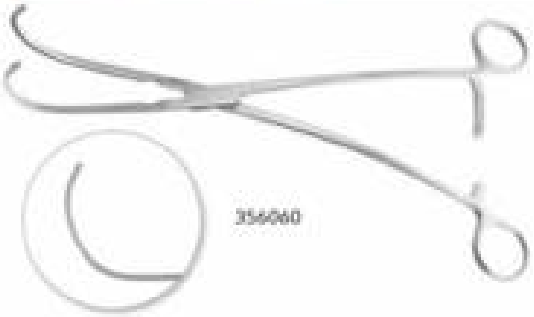
CATALOG #	DESCRIPTION
353650	Angled on flat and spoon-shaped, 2-1/2" (6.5 cm) jaw, 1 x 11 ratchets, 10-1/4" (26 cm)

PRIME

VASCULAR CLAMPS

Aortic Aneurysm Clamps

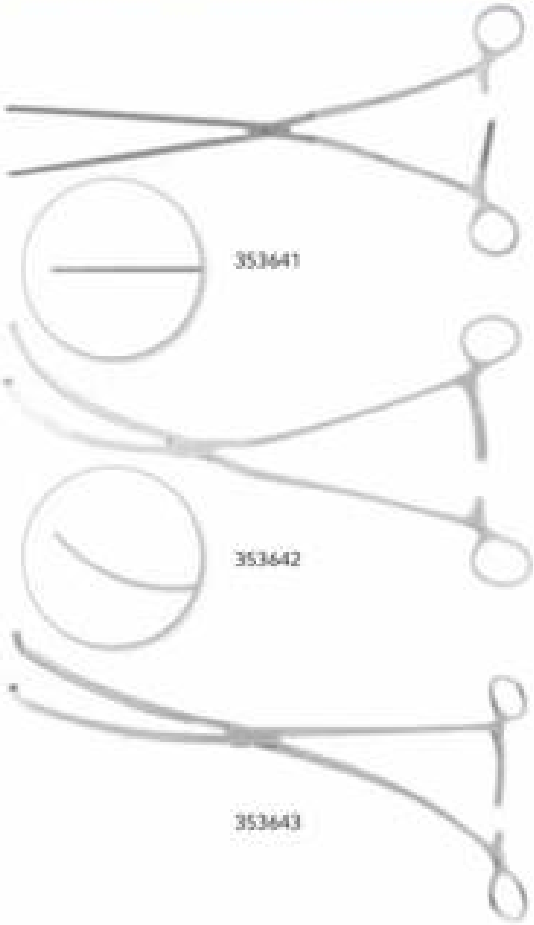
COOLEY AORTA CLAMP



For temporary occlusion of the abdominal and thoracic aorta during resection and graft replacement. Original Cooley Jaws.

CATALOG #	DESCRIPTION
356060	Jaw length 2" (5 cm), 11-1/4" (28.5 cm)

CRAWFORD THORACO-ABDOMINAL ANEURYSM CLAMPS



CATALOG #	DESCRIPTION
353641	Straight jaw, 6-3/8" (16 cm), 13-1/2" (34 cm)
353642	Curved jaw, angled handle, 12-7/8" (32.5 cm)
353643	"S" curve, angled tip, 13-5/8" (34.5 cm)

VASCULAR CLAMPS

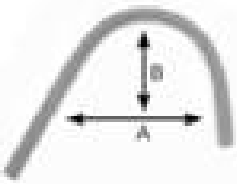
Aortic Vascular Clamps

WYLIE "J" AORTIC CLAMPS

DeBakey®-type Jaws very acutely curved. Width at (A) 1-1/4" (3.5 cm), depth at (B) 1" (2.5 cm).

CATALOG #	DESCRIPTION
353655	Model No. 1, 9-5/8" (24.5 cm)
353656	Model No. 2, 9-1/4" (23.5 cm)

353655



353656

VASCULAR CLAMPS

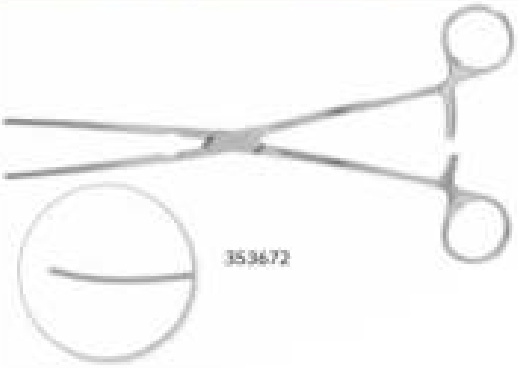
Aortic Vascular Clamps

SCHUMAKER ANGULAR AORTA CLAMPS

DeBakey®-type Jaws are angled at 60 degrees. These clamps are also used extensively in gastric surgery. Dull, non-glare finished stainless steel.

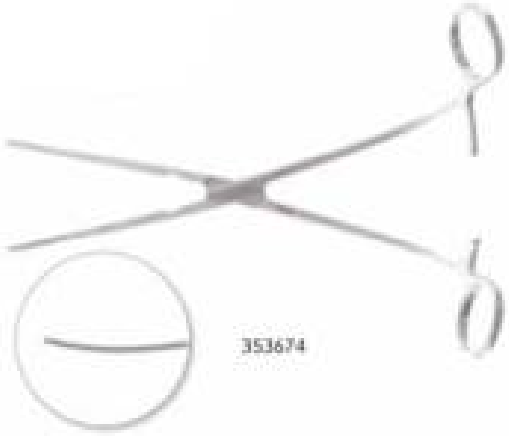
CATALOG #	DESCRIPTION
353860	Standard model, jaws 1-1/8" (5.5 cm) past angle, 8-1/2" (21.5 cm)
353862	Standard model, jaws 2-3/4" (7 cm) past angle, 8-7/8" (22.5 cm)
353865	Heavy model, jaws 3-15/16" (10 cm) past angle, jaw width 4 mm, 11-1/4" (28.5 cm)

STONEY DEEP AORTA CLAMPS



Features severely angled handles to lie across the xiphoid portion of the sternum.

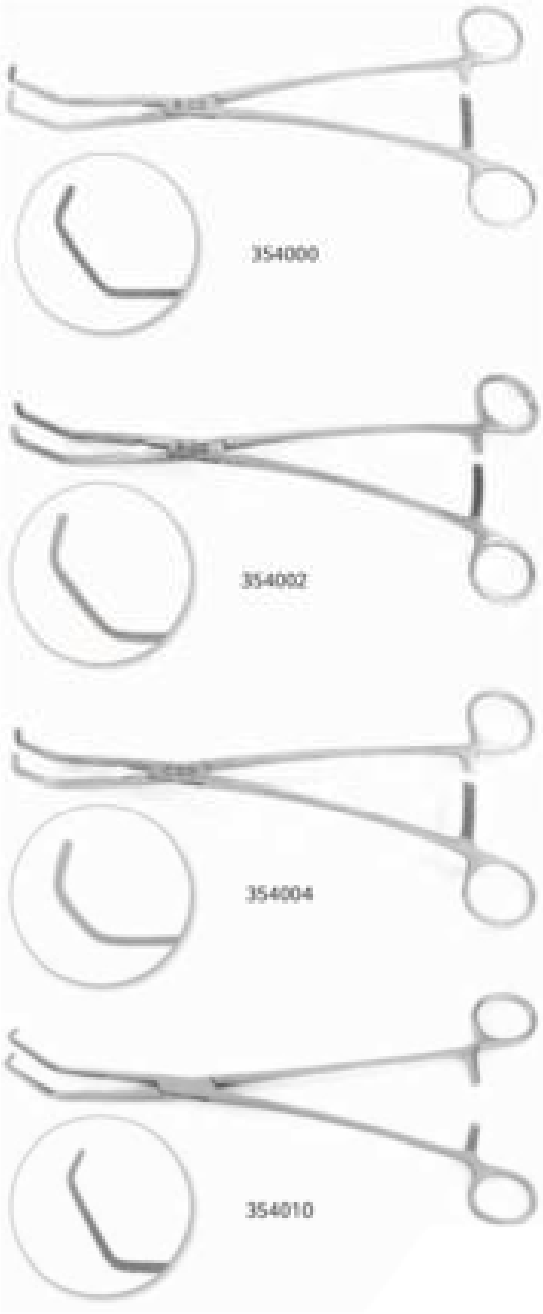
CATALOG #	DESCRIPTION
353672	6-7/8" (17.5 cm)
353674	9" (23 cm)



VASCULAR CLAMPS

Aortic Vascular Clamps

SATINSKY CLAMPS



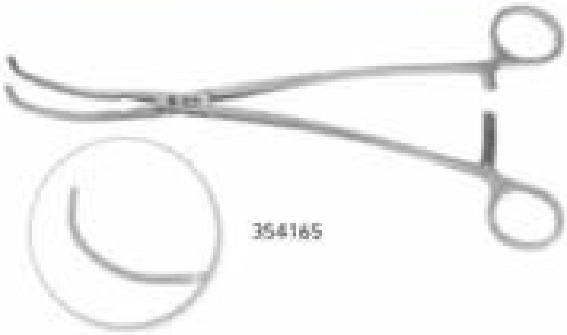
These instruments, originally designed for secure non-crushing grip in clamping the vena cava, have proven to be the most popular and versatile of all cardiac clamps. They are now provided in a variety of jaw types and sizes as listed. DeBakey®-type Jaws, 1 x 11 ratchets. Dull, non-glare finished stainless steel.

CATALOG #	DESCRIPTION
354000	Large, 2" (5 cm) jaw, 10-1/4" (26 cm)
354002	Medium, 1-1/2" (4 cm) jaw, 10" (25.5 cm)
354004	Small, 1-1/4" (3 cm) jaw, 9-3/4" (25 cm)
354005	Set of 3 (354000, 354002, 354004)
354010	Same as Large Satinsky Clamp (354000) except with original criss-cross serrated jaw

VASCULAR CLAMPS

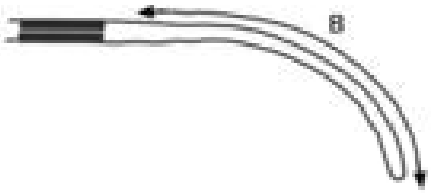
Aortic Vascular Clamps

O'NEILL DOUBLE CURVED CLAMP



This is a multipurpose instrument, actually a modification of the DeBakey®-type Satinsky. The jaw angles have been replaced by curves. Useful as a vena cava clamp and atrial appendage clamp, also for cross clamping or partially occluding vessels.

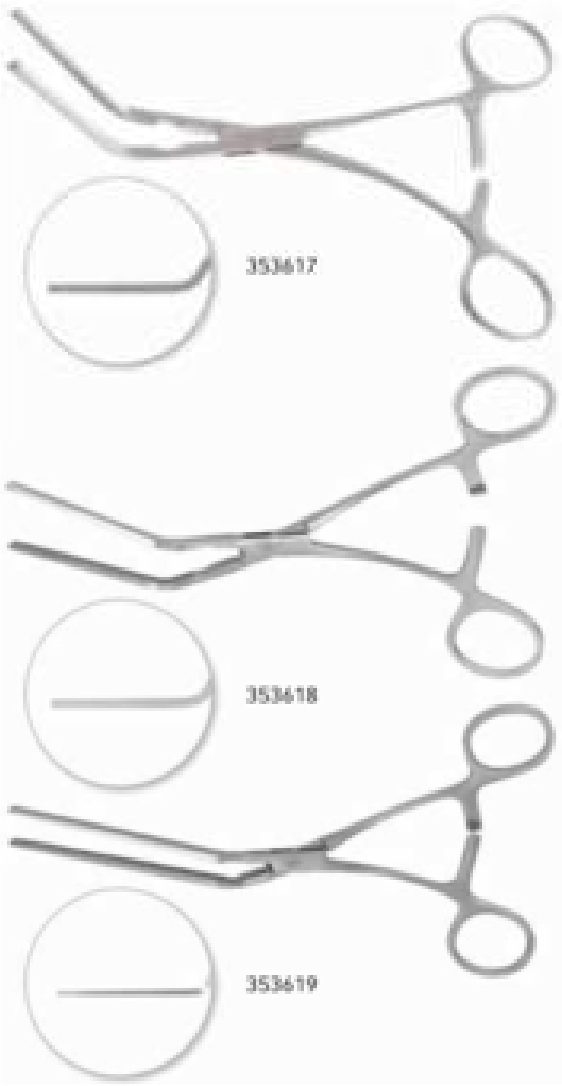
CATALOG #	DESCRIPTION
354165	(B) 3-1/8" (80 mm), 10-1/2" (26.5 cm)



VASCULAR CLAMPS

Aortic Vascular Clamps

MORRIS ASCENDING AORTA CLAMPS



2 x 3 DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353617	Jaws 2-1/2" (6.5 cm) from angle, 8-1/8" (20.5 cm)
353618	Jaws 2-1/2" (6.5 cm) from angle, 9-1/2" (24 cm)
353619	Jaws 3-3/4" (9.5 cm) from angle, 9-1/2" (24 cm)

VASCULAR CLAMPS

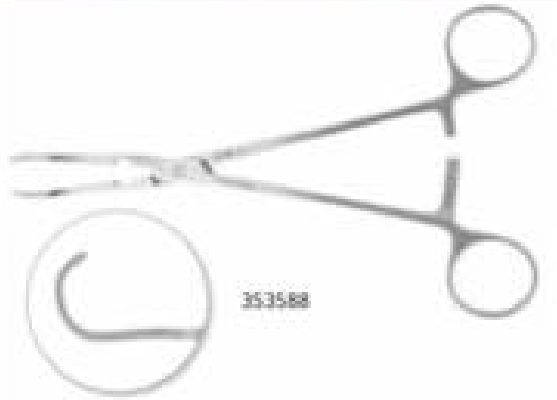
Aortic Vascular Clamps

STRONG AORTA CLAMPS

Unique design provides uniform pressure across entire jaw surface. 1 x 9 ratchets.

CATALOG #	DESCRIPTION
353581	Straight shanks, 8" (20 cm)
353583	Angled shanks, 8-1/8" (20.5 cm)

MITCHELL AORTOTOMY CLAMP



CATALOG #	DESCRIPTION
353588	DeBakey®-type Jaws, 1 x 9 ratchets, 8" (20.5 cm)

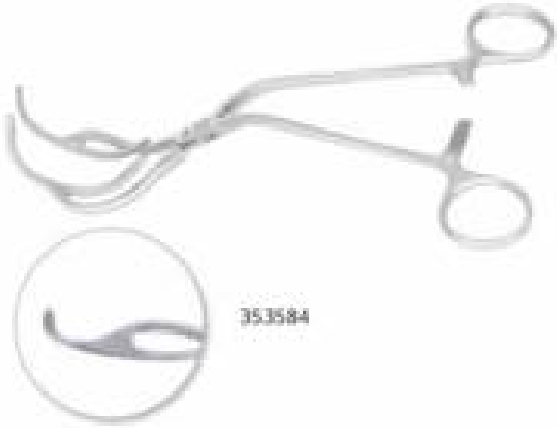
VASCULAR CLAMPS

Aortic Vascular Clamps

KAY AORTIC ANASTOMOSIS CLAMP

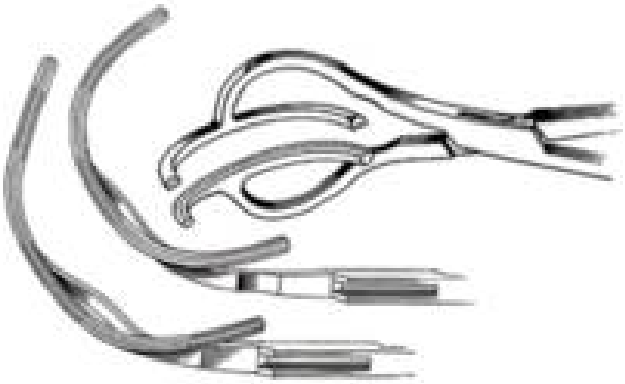
CATALOG #	DESCRIPTION
353580	1-1/2" (4 cm) jaw, 7-5/8" (19.5 cm)

LEMOLE-STRONG AORTA CLAMPS



DeBakey®-type Jaw, 1 x 9 ratchets.

CATALOG #	DESCRIPTION
353582	Straight shanks, 7-7/8" (20 cm)
353584	Angled shanks, 8" (20.5 cm)



AORTIC VASCULAR CLAMPS

Kay and Lambert-Kay Anastomosis Clamps

Three clamps designed primarily as side-biting clamps for ascending aorta to be used in lateral anastomosis in saphenous vein coronary artery by-pass procedures. Both clamps may also be applied for partial exclusion of other segments of aorta, large and small bowel. DeBakey®-type Jaws, 1 x 9 ratchets.

KAY-LAMBERT AORTIC ANASTOMOSIS CLAMP

CATALOG #	DESCRIPTION
353585	1-3/4" (4.5 cm) jaw, 8-1/8" (20.5 cm)

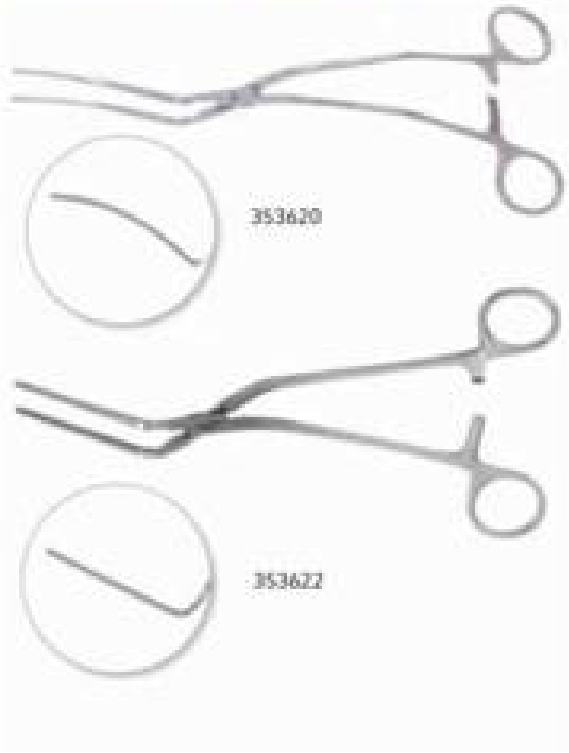
LAMBERT-KAY AORTIC ANASTOMOSIS CLAMP

CATALOG #	DESCRIPTION
353586	Large, 2" (5 cm) tip length, 8-1/8" (20.5 cm)

VASCULAR CLAMPS

Aortic Vascular Clamps

HUFNAGEL AORTA CLAMPS



For the ascending aorta. Used to occlude the thoracic aorta in operations on the aortic root and the aortic valve. The curvature of the clamp allows it to be used with the midline sternotomy and to rest out of the operative field. DeBakey®-type Jaws.

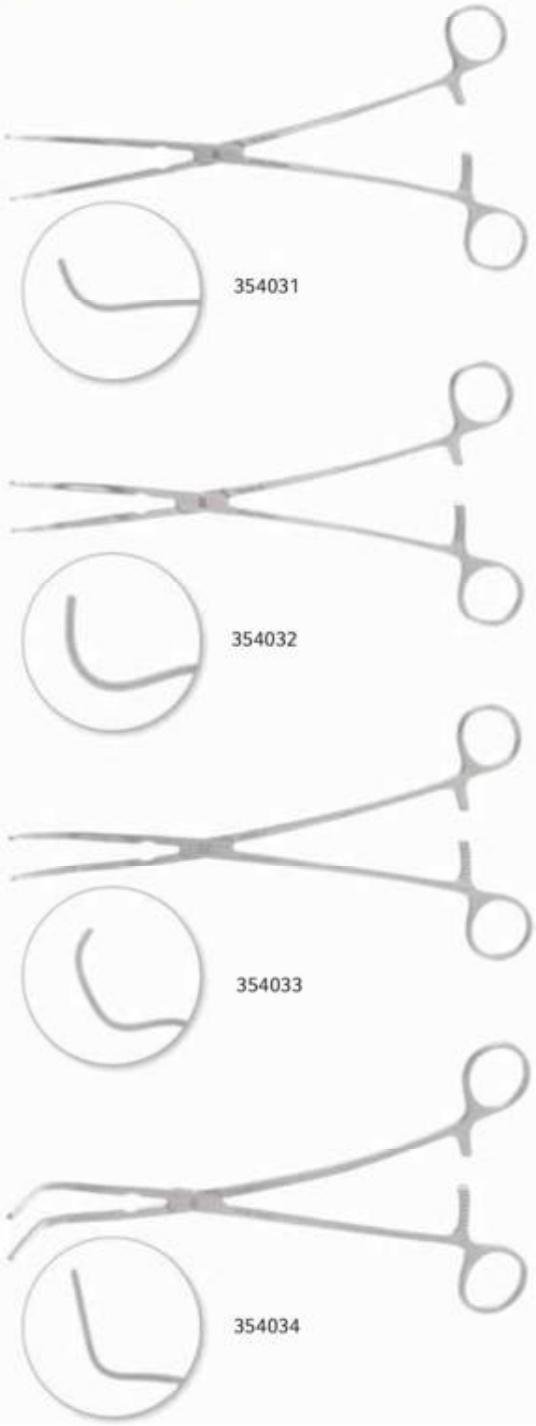
CATALOG #	DESCRIPTION
353620	Curved, 3-1/8" (8 cm) jaws, 9-5/8" (24.5 cm)
353622	Straight, 3-1/8" (8 cm) jaws, 9-5/8" (24.5 cm)

PRIME SUR

VASCULAR CLAMPS

Aortic Vascular Clamps

HARKEN CLAMPS



A matched set of four clamps identical in length and weight but with varying DeBakey®-type Jaw shapes.

CATALOG #	DESCRIPTION
354031	No. 1 curve, 10-1/2" (26.5 cm)
354032	No. 2 curve, 10-1/8" (25.5 cm)
354033	No. 3 curve, 10" (25.5 cm)
354034	No. 4 curve, 9-5/8" (24.5 cm)

VASCULAR CLAMPS

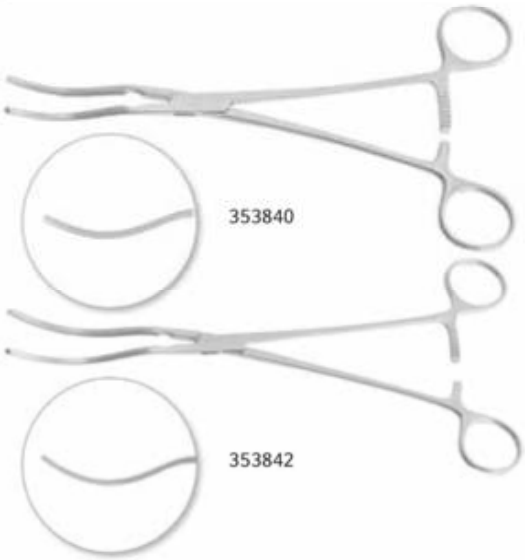
Aortic Vascular Clamps

GLOVER RIGHT ANGLE CURVED CLAMPS

Curved DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353835	1-7/8" (4.8 cm) jaw, 7-5/8" (19.5 cm)
353837	2-3/8" (6 cm) jaw, 8-7/8" (22.5 cm)

GLOVER SPOON SHAPED CLAMPS



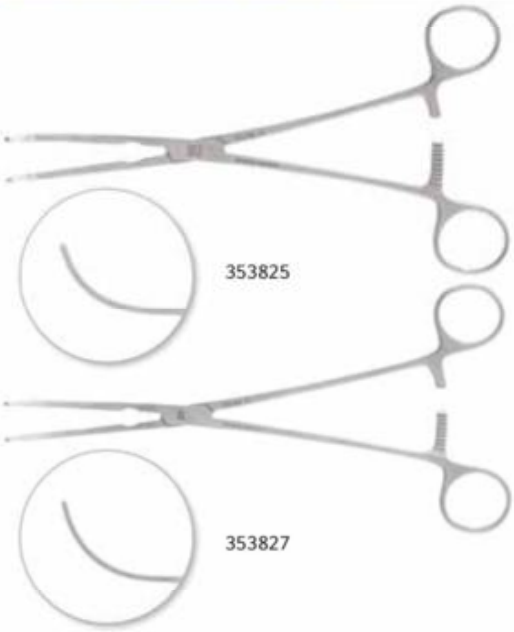
Curved DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353840	Standard size, 2-3/4" (7 cm) jaw, 8-5/8" (22 cm)
353842	Extra-long, 3-7/8" (10 cm) jaw, 10-1/2" (27 cm)

VASCULAR CLAMPS

Aortic Vascular Clamps

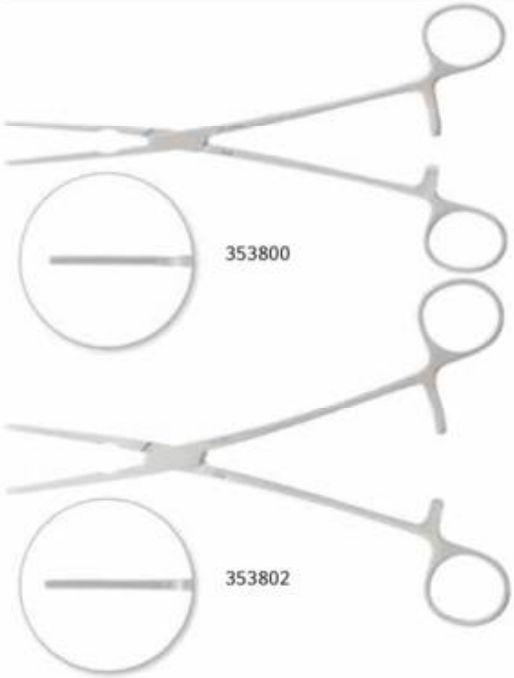
GLOVER CURVED CLAMPS



Curved DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353825	Standard size, 1-1/4" (3 cm) jaw, 8-1/2" (21.5 cm)
353827	Extra-long, 1-3/4" (4.5 cm) jaw, 9-7/8" (25 cm)

GLOVER PATENT DUCTUS CLAMPS



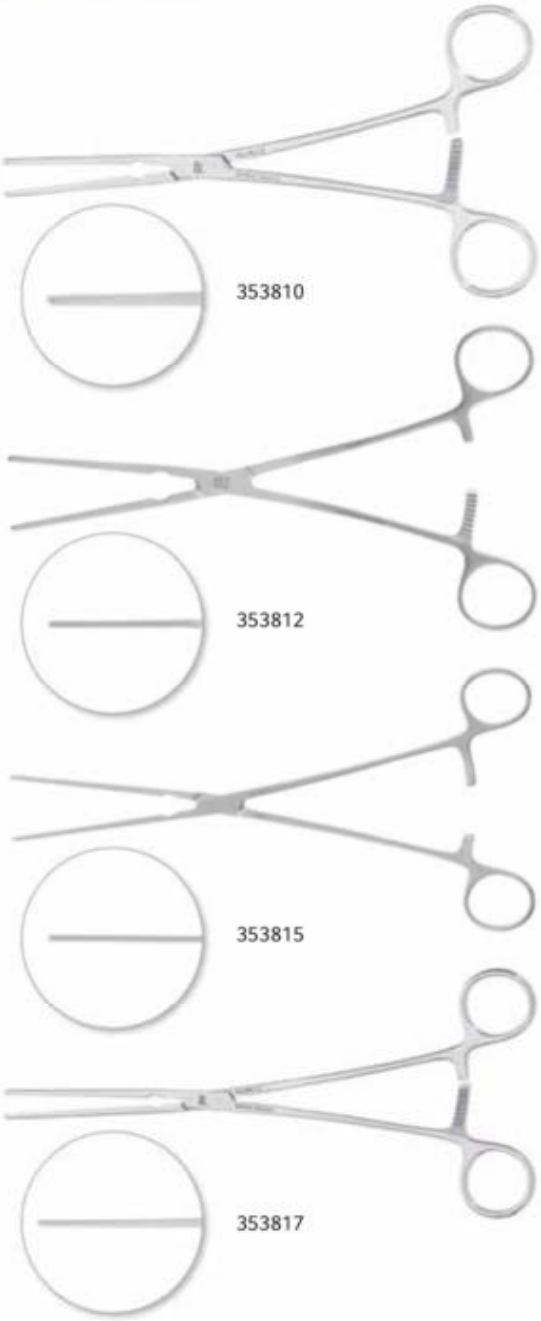
DeBakey®-type Jaws, 1 x 9 ratchets.

CATALOG #	DESCRIPTION
353800	Straight, 2-1/4" (5.8 cm) jaw, 8-1/8" (20.5 cm)
353802	Angled, 3/4" (1.9 cm) jaw, 8-1/4" (21 cm)

VASCULAR CLAMPS

Aortic Vascular Clamps

GLOVER COARCTATION CLAMPS



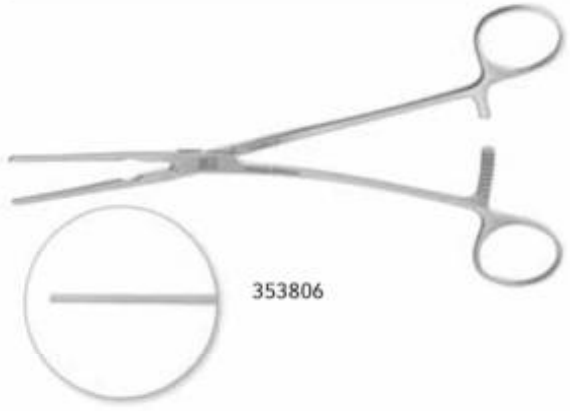
DeBakey®-type Jaw, 1 x 9 ratchets.

CATALOG #	DESCRIPTION
353810	Straight, 3-1/8" (8 cm) jaw, 9" (23 cm)
353812	Angled, 3-1/8" (8 cm) jaw, 8-7/8" (22.5 cm)
353815	Extra-long, straight, 3-3/4" (9.5 cm) jaw, 10-5/8" (27 cm)
353817	Extra-long, angled, 3-5/8" (9 cm) tip length, 10-3/8" (26.5 cm)

VASCULAR CLAMPS

Aortic Vascular Clamps

GERBODE PATENT DUCTUS CLAMP



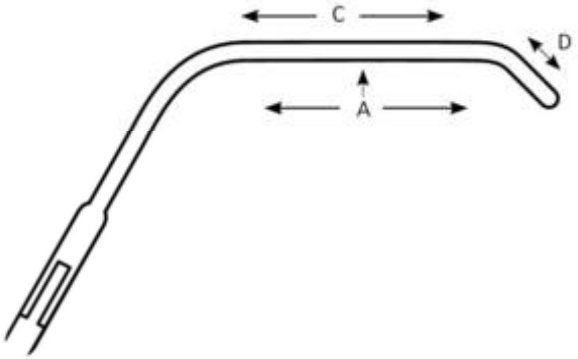
The Glover Patent Ductus Clamps on pg. 638 have been redesigned with extra-narrow 1" (2.5 cm) DeBakey®-type Jaws to provide for maximum length of cut vessel for more convenient suturing.

CATALOG #	DESCRIPTION
353806	Angled, 8" (20.5 cm)

GLOVER ATRIAL APPENDAGE CLAMP

DeBakey®-type Jaws. Specially designed for holding the atrial appendage at any level without crushing.

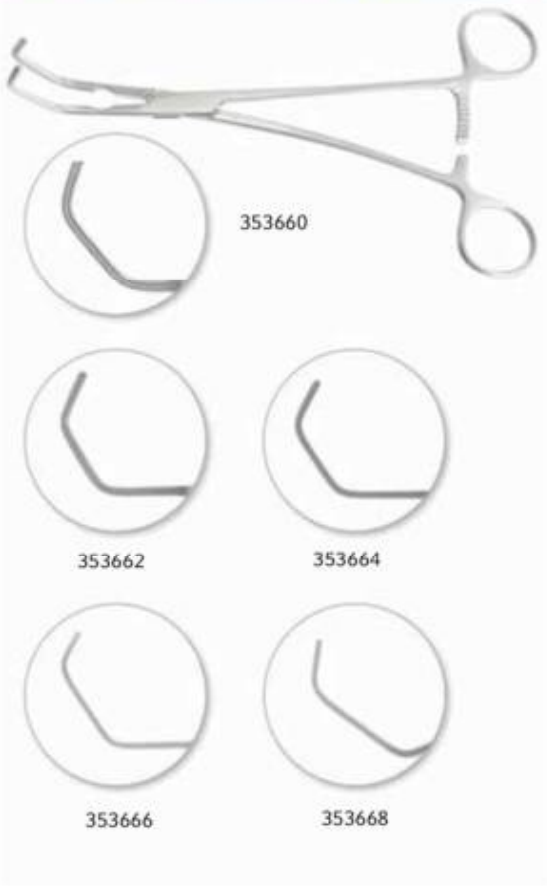
CATALOG #	DESCRIPTION
354170	Jaw (A) length 1-11/16" (43 mm), (A) depth 1/4" (7 mm), (C) 1-1/8" (30 mm), (D) 1/2" (13 mm), 9-1/2" (24 cm)



VASCULAR CLAMPS

Aortic Vascular Clamps

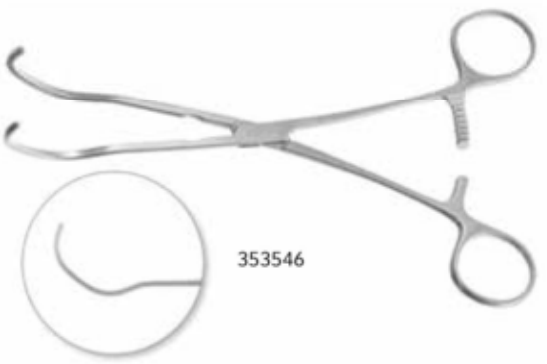
DEBAKEY® TANGENTIAL OCCLUSION CLAMPS



Since most of the double angle clamps now available are considered too shallow in the jaw section due to short distal tip section, this deep-jaw selection of DeBakey®-type Clamps was designed. The set consists of five instruments varying in length and jaw size. All have unusually long distal sections, adding to their value as partial tangential occlusion clamps. Dull, non-glare finished stainless steel.

CATALOG #	DESCRIPTION
353660	No. 1, 1-3/8" (3.5 cm) jaw, 1 x 9 ratchets, 7-3/4" (19.5 cm)
353662	No. 2, 1-7/8" (5 cm) jaw, 1 x 11 ratchets, 10" (25.5 cm)
353664	No. 3, 2" (5 cm) jaw, 1 x 11 ratchets, 10-3/8" (26.5 cm)
353666	No. 4, 2-3/8" (6 cm) jaw, 1 x 11 ratchets, 10" (25.5 cm)
353668	No. 5, 3-1/8" (8 cm) jaw, 1 x 11 ratchets, 10-1/8" (25.5 cm)
353670	Complete set of 5 clamps

FAVALORO PROXIMAL ANASTOMOSIS CLAMP

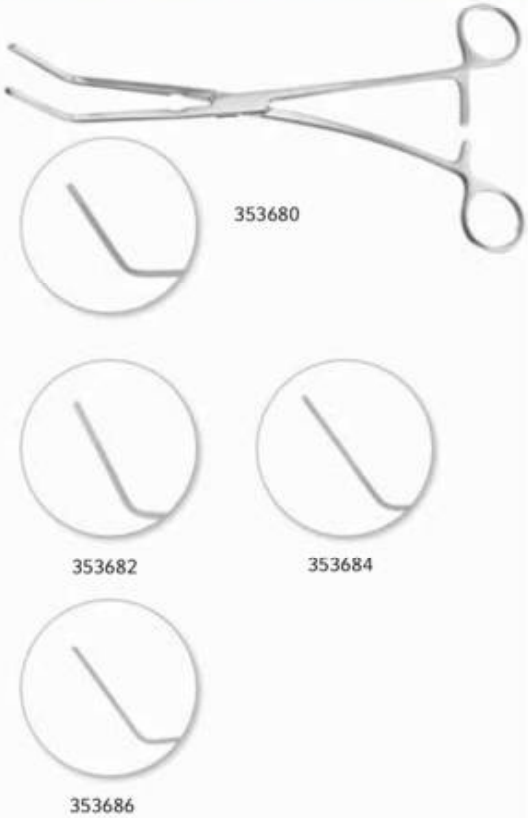


CATALOG #	DESCRIPTION
353546	Curved, 1-1/4" (3.5 cm) DeBakey®-type Jaws, 8" (20 cm)

VASCULAR CLAMPS

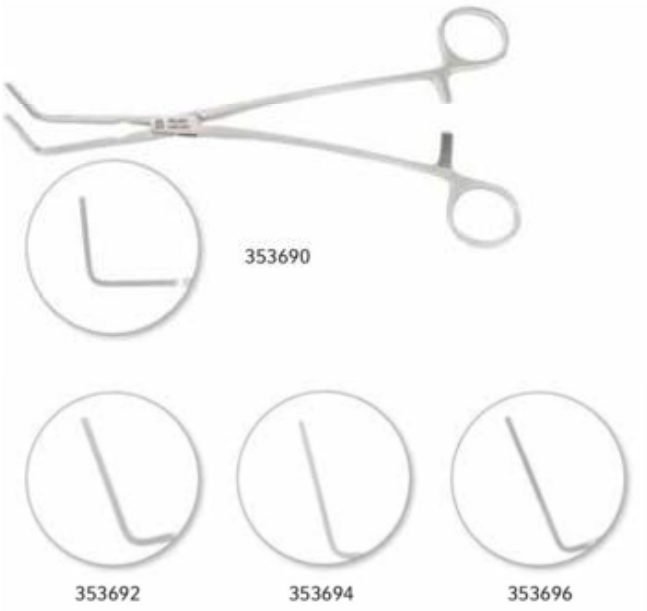
Aortic Vascular Clamps

DEBAKEY® MULTI-PURPOSE ANGLED CLAMPS



After considerable use and experimentation with a wide variety of standard pattern clamps, this assortment of matched design DeBakey® Clamps has been assembled. They are of various lengths with curved shafts. The DeBakey®-type Jaws are angulated at 60 or 90 degrees. In addition to their function as aortic clamps, they are available for use as bronchus and gastric clamps in general surgery.

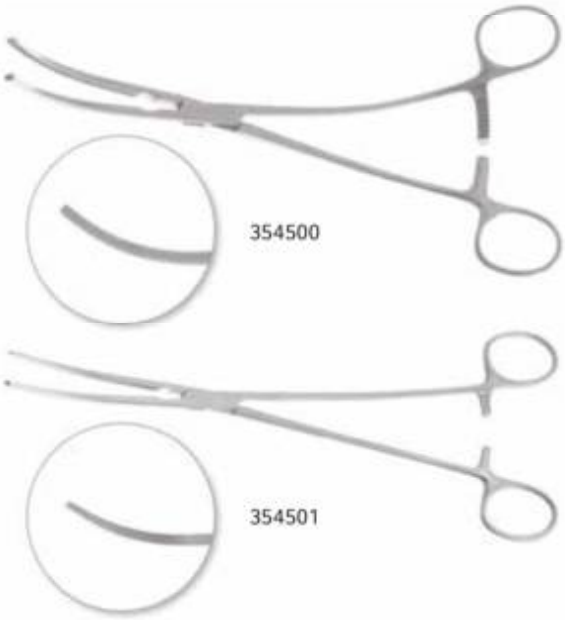
CATALOG #	DESCRIPTION
353680	No. 1, 60 degree angle, 1-1/4" (3.5 cm) jaw, 1 x 9 ratchets, 9-1/2" (24 cm)
353682	No. 2, 60 degree angle, 1-3/4" (4.5 cm) jaw, 1 x 9 ratchets, 8-5/8" (22 cm)
353684	No. 3, 60 degree angle, 2" (5 cm) jaw, 1 x 9 ratchets, 9-7/8" (25 cm)
353686	No. 4, 60 degree angle, 3-1/2" (8.9 cm) jaw, 1 x 11 ratchets, 11-5/8" (29.5 cm)
353690	No. 1, 90 degree angle, 1-3/4" (4.5 cm) jaw, 9-1/2" (24 cm)
353692	No. 2, 90 degree angle, 2-1/4" (5.5 cm) jaw, 7-1/4" (18.5 cm)
353694	No. 3, 90 degree angle, 2-3/4" (7 cm) jaw, 9" (23 cm)
353696	No. 4, 90 degree angle, 4-1/8" (10.5 cm) jaw, 10-1/4" (26 cm)



VASCULAR CLAMPS

Aortic Vascular Clamps

CRAFOORD COARCTATION VASCULAR CLAMPS



CATALOG #	DESCRIPTION
354500	Slightly curved, 3-3/8" (8.5 cm) DeBakey®-type Jaw, 1 x 9 ratchets, 9-5/8" (24.5 cm)
354501	Slightly curved, with original, longitudinal jaws, 9-5/8" (24.5 cm)

PRIME

VASCULAR CLAMPS

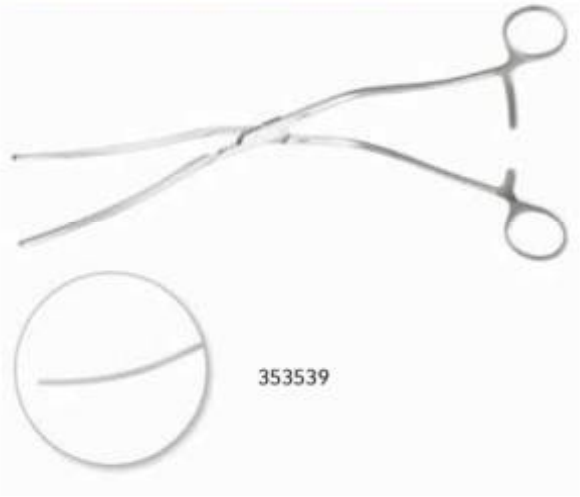
Aortic Vascular Clamps

BECK-TYPE AORTA CLAMPS

DeBakey®-type Jaws, acutely angled at approximately 65 degrees. Straight shafts.

CATALOG #	DESCRIPTION
354100	Angled, DeBakey® Jaw, 1-1/4" (3 cm) tip length (A), 8-1/8" (20.5 cm)
354102	Angled, DeBakey® Jaw, 2" (5 cm) tip length (A), 8-5/8" (22 cm)

CHERRY SUPRACELIAC CLAMP



Used in thoracic and abdominal aortic aneurysm repairs, renal vascular procedures, mesenteric artery revascularization. For deep access to aorta superior to the celiac artery. Jaw length and curve combine with angled handle to provide optimum cross clamping capability and reduced operative field obstruction.

CATALOG #	DESCRIPTION
353539	Curved, 2 x 3 DeBakey®-type Jaw, 50 degree handle, LIFE-LOK® Box-Lock, 12-1/4" (31 cm)

VASCULAR CLAMPS

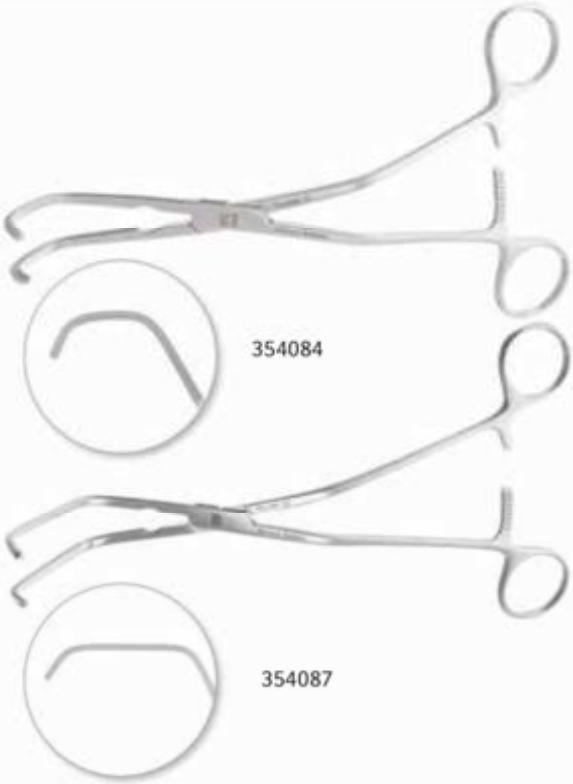
Aortic Vascular Clamps

BAHNSON AORTA CLAMP

To occlude the aorta during a median sternotomy in the adult. Angle of handle puts it out of the way.

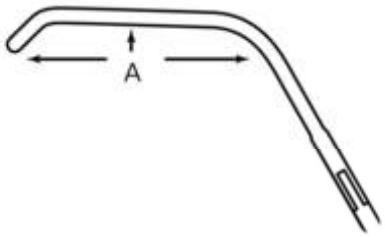
CATALOG #	DESCRIPTION
353623	Curved, DeBakey® Jaw, 2-3/4" (7 cm), 9" (23 cm)

BAILEY AORTA CLAMPS



Designed for exclusion of a portion of the vessel, these clamps are medium-weight and have DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
354084	Angled shafts, extra-small size jaw, (A) length 1-1/8" (3 cm), 8" (20.5 cm)
354087	Angled shafts, large size jaw, (A) length 2-1/8" (5.5 cm), 9-3/4" (25 cm)



AORTIC VASCULAR CLAMPS

Many PRIME Vascular Clamps feature the DeBakey® –type Non-Traumatic Jaws and LIFE-LOK® Mortise Box-Lock.

Ratchets on PRIME Vascular Clamps provide the precision control needed for arterial clamping. Ratchets are designed with steps (1 x 7, 1 x 9, 1 x 11) to furnish the specific amounts of desired pressure. Jaws are precision-set by hand.

Coordination of ratchet length and jaw setting provides the accurate amount of required compression.

Many styles of DeBakey® –type Clamps are available with spring handles. With this construction feature, a portion of the shaft is flattened or otherwise altered and specially tempered to eliminate rigidity and provide a softness proportionate with the overall size and purpose of the instrument. The intention is to minimize trauma to vessels with the soft spring handles but hold securely with DeBakey®–type Jaws.

HISTORY AND ACHIEVEMENTS

Since 1814, PRIME has designed and manufactured high quality surgical instruments. As one of the oldest surgical instrument companies in the world, we have continued our tradition of craftsmanship and innovation.

THE PRIME BRAND ADVANTAGE

Every cardiovascular instrument that we produce is set and checked by hand, then checked again to assure that it has the essential "feel" that is desired by surgeons. The Pilling® Brand has gained international acclaim for providing exceptional surgical tools. Working closely with the world's top specialists, we continue to customize instrumentation to meet their exacting individual requirements. We have designed over 500 vascular clamps.

VASCULAR CLAMPS

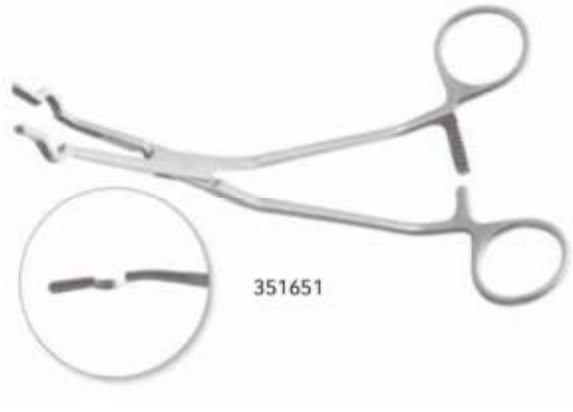
Cooley Vascular Clamps

COOLEY PERIPHERAL VASCULAR CLAMPS

Useful for temporarily occluding the femoral, popliteal, subclavian and carotid arteries during performance of thromboendarterectomy or application of by-pass procedures. Relatively lightweight Cooley Jaws.

CATALOG #	DESCRIPTION
356025	Angled, 7-1/2" (19 cm)
356031	Curved, 6-3/4" (17 cm)

COOLEY VENA CAVA CLAMPS



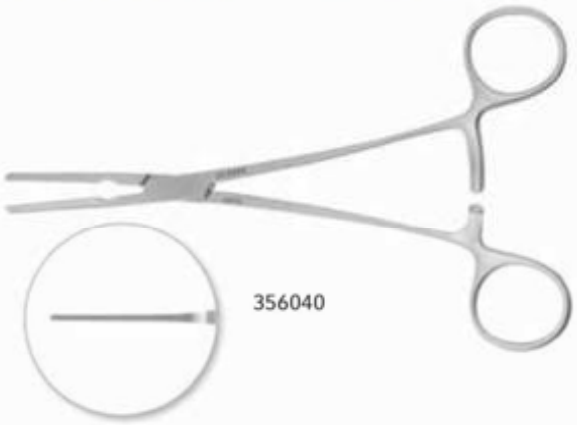
Occludes the vena cava and allows bloodflow through the cannula or catheter.

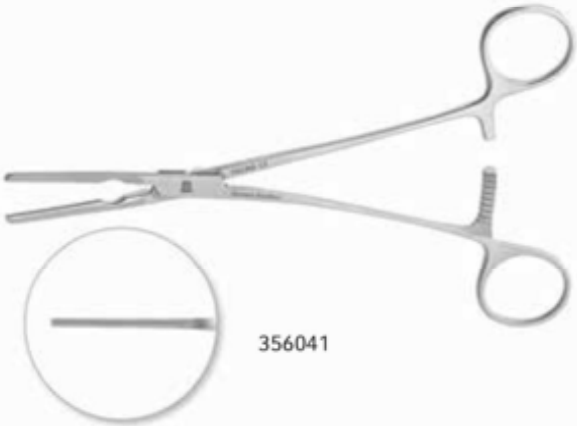
CATALOG #	DESCRIPTION
351645	Child size, 24 Fr. Ring tip width, 6-1/8" (15.5 cm)
351646	Child size, 26 Fr. Ring tip width, 7-1/4" (18.5 cm)
351650	Adult size, 28 Fr. Ring tip width, 7-1/4" (18.5 cm)
351651	Adult size, 30 Fr. Ring tip width, 7-1/4" (18.5 cm)
351652	Adult size, 32 Fr. Ring tip width, 7-1/4" (18.5 cm)
351654	Adult size, 34 Fr. Ring tip width, 7-1/4" (18.5 cm)
351653	Adult size, 36 Fr. Ring tip width, 7-1/4" (18.5 cm)

VASCULAR CLAMPS

Cooley Vascular Clamps

COOLEY PATENT-DUCTUS CLAMPS



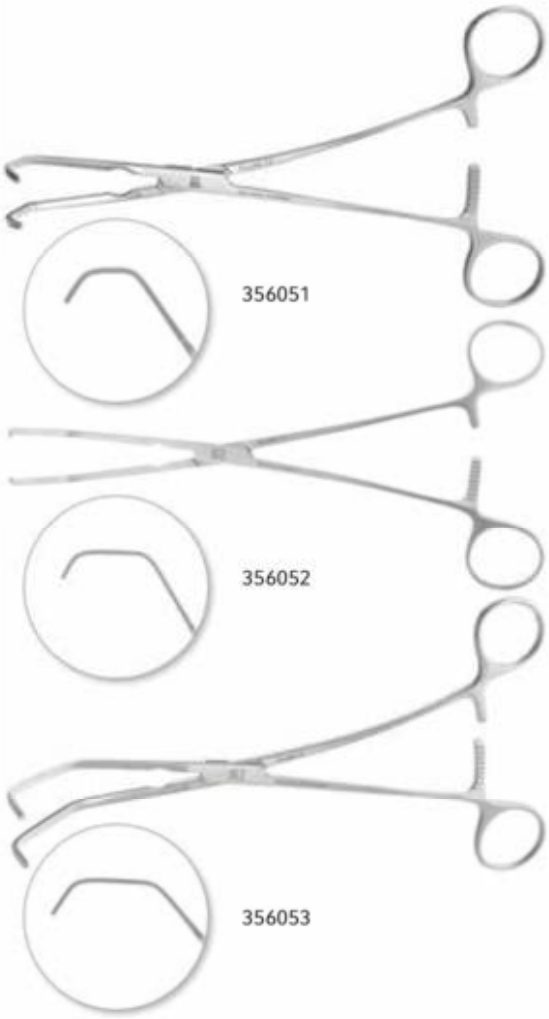


CATALOG #	DESCRIPTION
356040	Straight, 8" (20.5 cm)
356041	Angled, 7-7/8" (20 cm)

VASCULAR CLAMPS

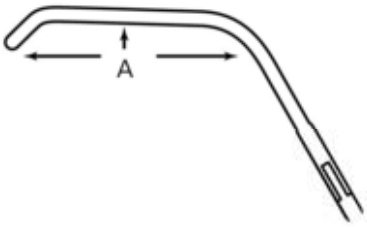
Cooley Vascular Clamps

COOLEY PARTIAL-OCCLUSION CLAMPS



Full adult size with Cooley 2 x 2 jaws, varying in length and jaw size. All have long distal sections adding to their value as partial tangential occlusion clamps.

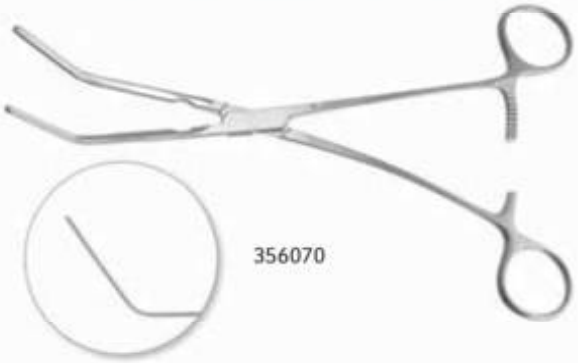
CATALOG #	DESCRIPTION
356051	No. 1, (A) length 1" (2.5 cm), overall 8-1/8" (20.5 cm)
356052	No. 2, (A) length 1-1/2" (4 cm), overall 8-7/8" (22.5 cm)
356053	No. 3, (A) length 1-7/8" (5 cm), overall 8-7/8" (22.5 cm)



VASCULAR CLAMPS

Cooley Vascular Clamps

COOLEY JAW MULTIPURPOSE CLAMPS



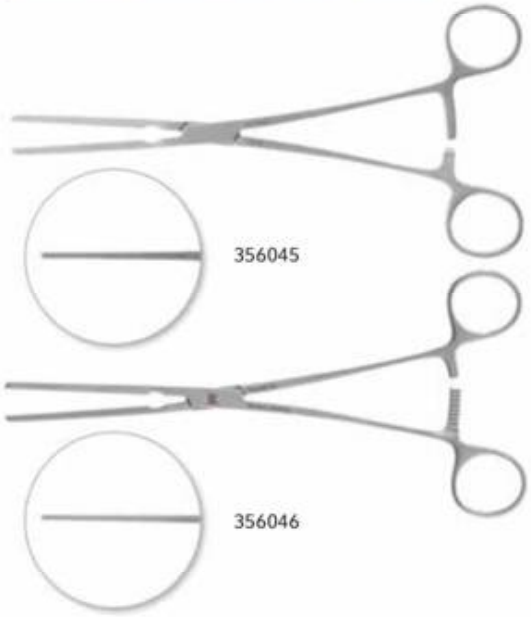
60 degree angled jaws with curved shafts.

CATALOG #	DESCRIPTION
356070	No. 1, jaw length 1-1/2" (4 cm), 9-1/8" (23 cm)
356071	No. 2, jaw length 2-1/8" (5.5 cm), 8-1/2" (21.5 cm)
356072	No. 3, jaw length 2-1/2" (6.5 cm), 8-1/2" (21.5 cm)

VASCULAR CLAMPS

Cooley Vascular Clamps

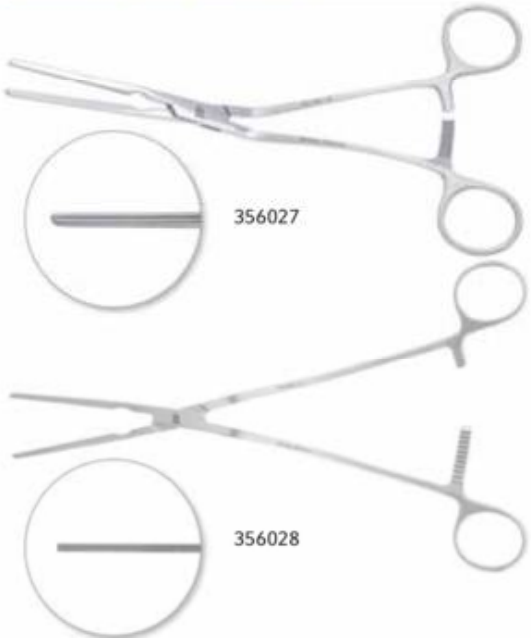
COOLEY COARCTATION CLAMPS



Standard length.

CATALOG #	DESCRIPTION
356045	Straight, jaw section 2-7/8" (7.5 cm) long, 8-3/4" (22.5 cm)
356046	Angled, jaw section 2-3/8" (6 cm) long, 8-7/8" (22.5 cm)

COOLEY ILIAC CLAMPS



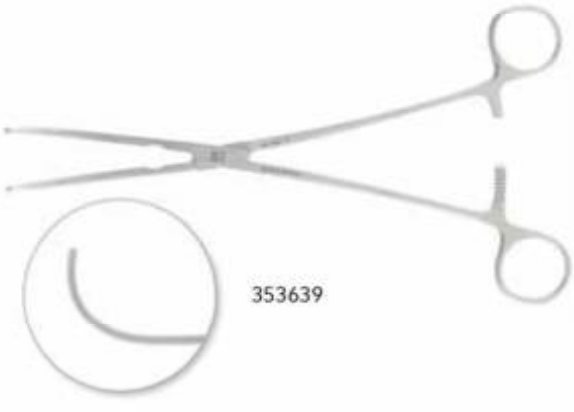
Angled jaws. Unusually long jaws contain Cooley-type serrations only on the distal portion.

CATALOG #	DESCRIPTION
356027	Light model, 8-1/4" (21 cm)
356028	9-3/4" (25 cm)

VASCULAR CLAMPS

Peripheral Vascular Clamps

MITCHELL-ADAM MULTIPURPOSE CLAMP



A delicate vascular clamp 25 cm long with curved shanks. Designed as a multi-purpose clamp for vascular surgery. DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353639	9-7/8" (25 cm)

Cooley Vascular Clamps

COOLEY CAROTID, SUBCLAVIAN AND RENAL CLAMP

Long, slender clamp with jaws calibrated on outer sides from distal tip. Curved shafts, angled tips.

CATALOG #	DESCRIPTION
354839	Carotid, jaw length 5/8" (15 mm), 7-3/4" (19.5 cm)

VASCULAR CLAMPS

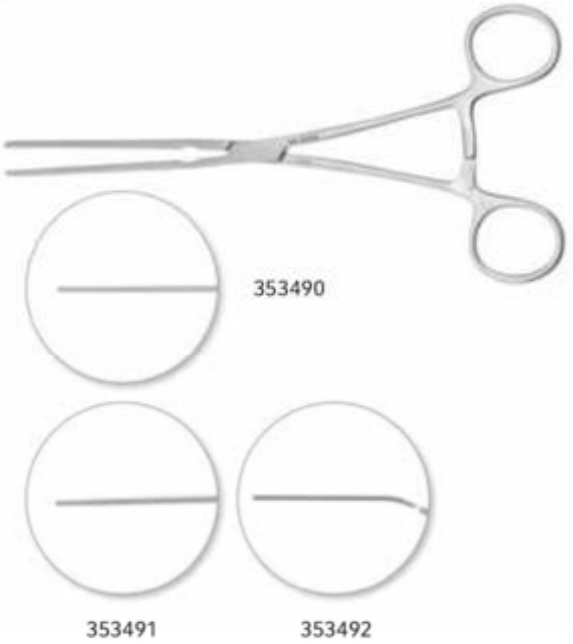
Peripheral Vascular Clamps

HENLY SUBCLAVIAN ARTERY CLAMP

Double angled DeBakey®-type Jaws specially designed to allow clamping an artery of medium size from beneath the artery, allowing an unobstructed working area anteriorly. It is extremely useful for occlusion of the subclavian artery exposed through a supraclavicular incision or for occlusion of the femoral artery exposed through a groin incision.

CATALOG #	DESCRIPTION
353538	8-3/8" (21 cm)

LELAND JONES CLAMPS



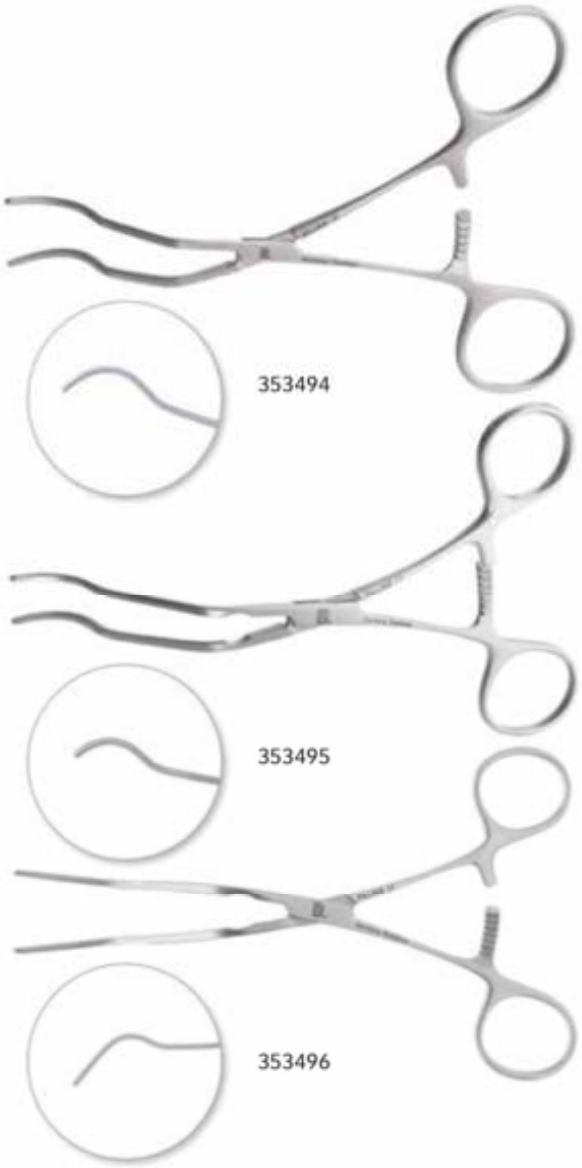
Delicate jaws, 2.4 mm wide. DeBakey®-type Serrations. LIFE-LOK® Box-Lock. Versatile clamps which have been found useful in small bowel procedures.

CATALOG #	DESCRIPTION
353490	Straight, 8-1/8" (20.5 cm)
353491	Angled 15 degrees, 8-1/8" (20.5 cm)
353492	Angled 30 degrees, 8" (20.5 cm)

VASCULAR CLAMPS

Peripheral Vascular Clamps

GREGORY PROFUNDA CLAMPS



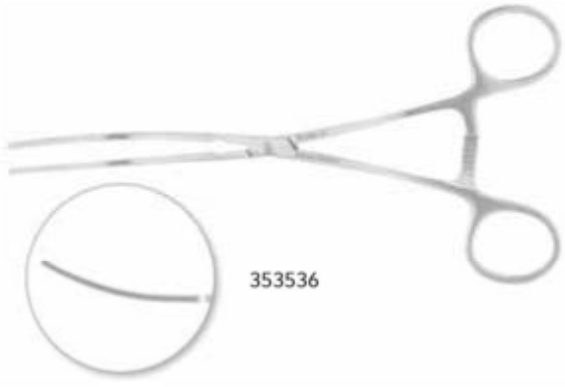
DeBakey®-type Jaw, 1 x 6 ratchets.

CATALOG #	DESCRIPTION
353494	Small, 2-1/4" (6 cm) extra-fine jaw, 4-3/4" (12 cm)
353495	Medium, 3-1/4" (8.5 cm) regular jaw, 6-1/8" (15.5 cm)
353496	Large, 4" (10 cm) jaw, 7" (18 cm)

VASCULAR CLAMPS

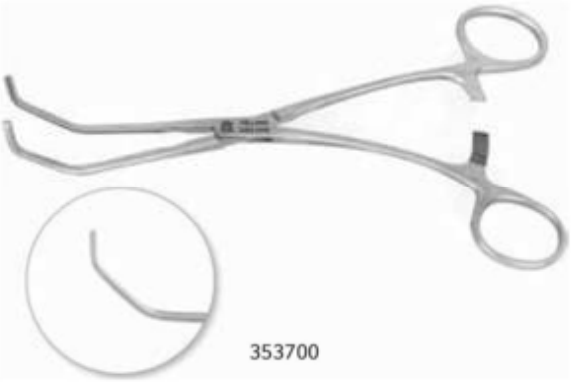
Peripheral Vascular Clamps

DIETHRICH CAVAL OCCLUSION CLAMP



CATALOG #	DESCRIPTION
353536	9-3/4" (25 cm)

DIETHRICH CORONARY ARTERY CLAMP



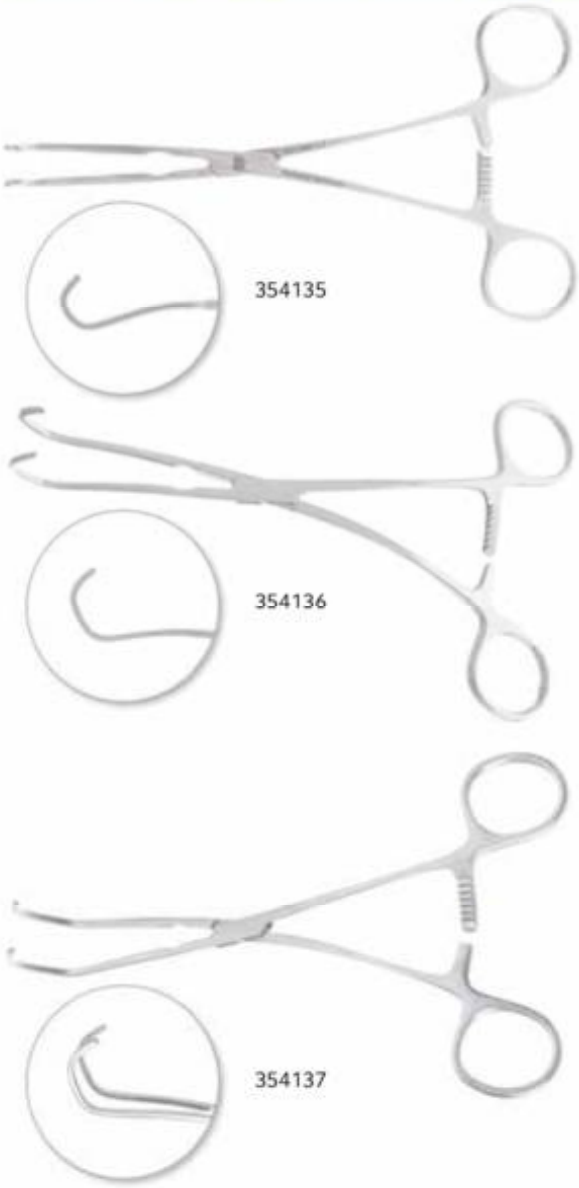
A delicate clamp with handles designed for partial occlusion in coronary artery surgery.

CATALOG #	DESCRIPTION
353700	Angled, DeBakey®-type Jaws, 1-1/4" (3 cm), 7-1/8" (18 cm)

VASCULAR CLAMPS

Peripheral Vascular Clamps

DERRA MINIATURE ANASTOMOSIS CLAMPS



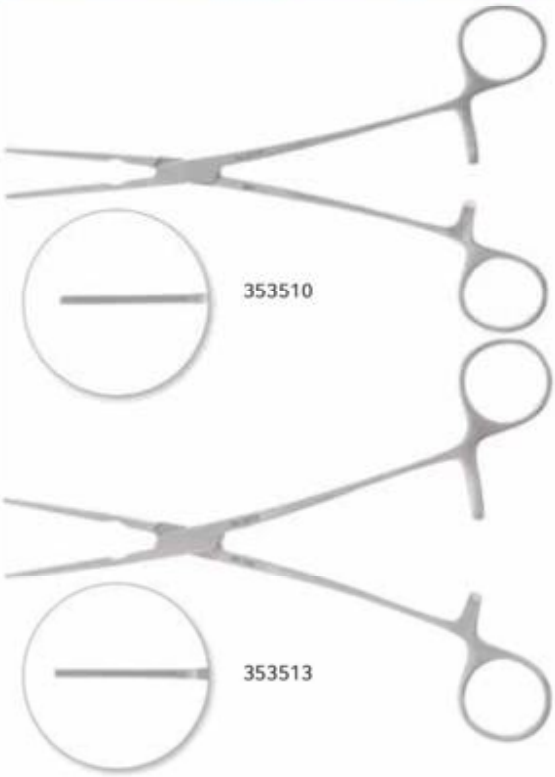
Long, DeBakey®-type Jaw, spring handle, 1 x 7 ratchets.

CATALOG #	DESCRIPTION
354135	Small, 3/4" (2 cm) jaw, 6-7/8" (17.5 cm)
354136	Medium, 1-1/8" (3 cm) jaw, 7" (18 cm)
354137	Large, 1-1/4" (3 cm) jaw, 7-1/8" (18 cm)

VASCULAR CLAMPS

Peripheral Vascular Clamps

DEBAKEY® PATENT DUCTUS CLAMPS



Long, DeBakey®-type Jaw, spring handle, 1 x 9 ratchets.

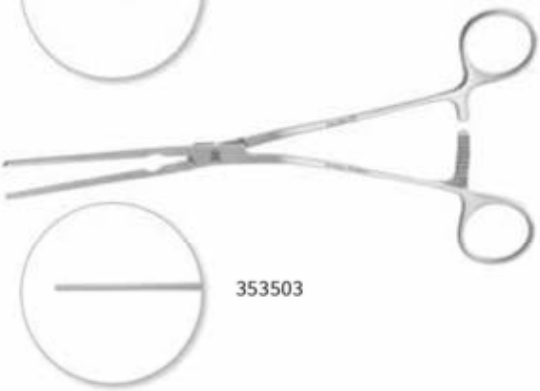
CATALOG #	DESCRIPTION
353510	Straight, 2-1/4" (5.5 cm) jaw, 8-1/4" (21 cm)
353513	Angled, 2-3/8" (6 cm) jaw, 8-1/8" (20.5 cm)

PRIME SU

VASCULAR CLAMPS

Peripheral Vascular Clamps

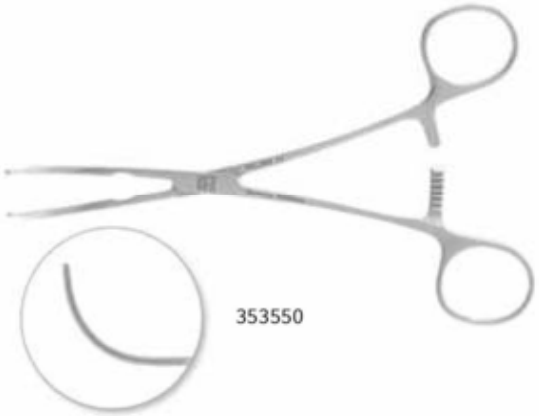
DEBAKEY® COARCTATION CLAMPS



These are multipurpose clamps, full length but lightweight, with DeBakey®-type Jaws and spring handles. In addition to their use as Coarctation or Patent Ductus clamps, they are particularly useful for temporarily occluding renal arteries during cardiopulmonary by-pass. The special DeBakey®-type Jaws are only 2.5 mm wide. Spring handles minimize trauma to vessels during temporary occlusion of arteries. Spring handle, 1 x 9 ratchets.

CATALOG #	DESCRIPTION
353500	Long, straight, 3-1/8" (8 cm) jaw, 9" (23 cm)
353503	Long, angled, 3" (7.5 cm) jaw, 8-3/4" (22 cm)

DEBAKEY® CURVED PERIPHERAL VASCULAR CLAMP

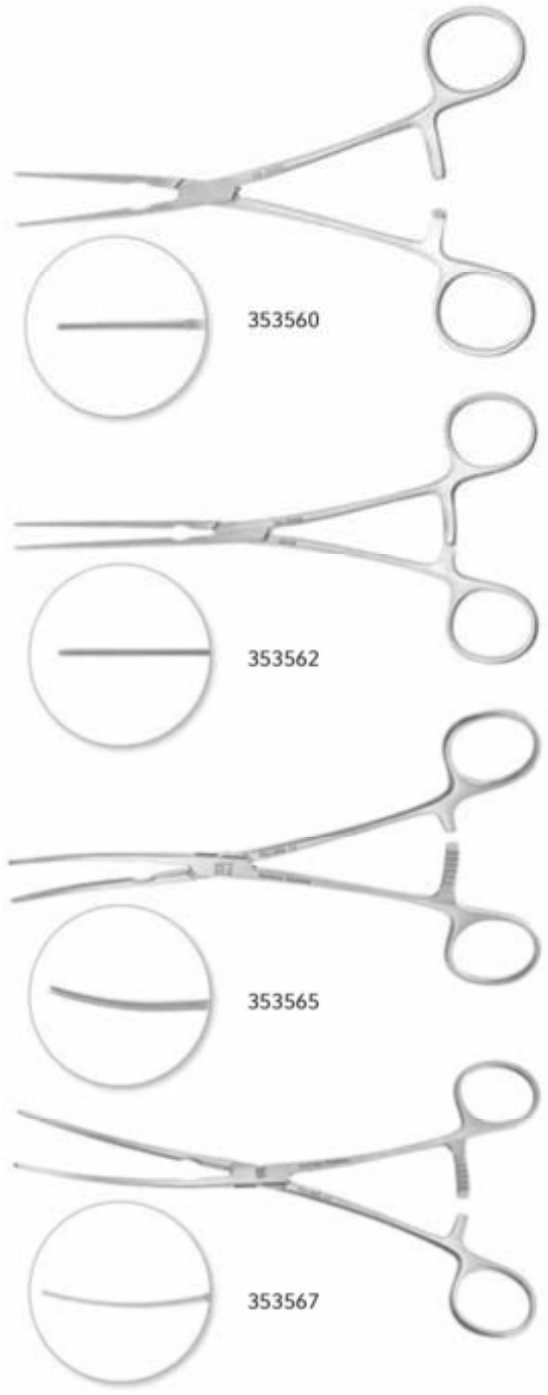


CATALOG #	DESCRIPTION
353550	Long, DeBakey®-type Jaw, spring handle, 1 x 7 ratchets, 6-3/4" (17 cm)

VASCULAR CLAMPS

Peripheral Vascular Clamps

DEBAKEY® BAINBRIDGE VASCULAR CLAMPS



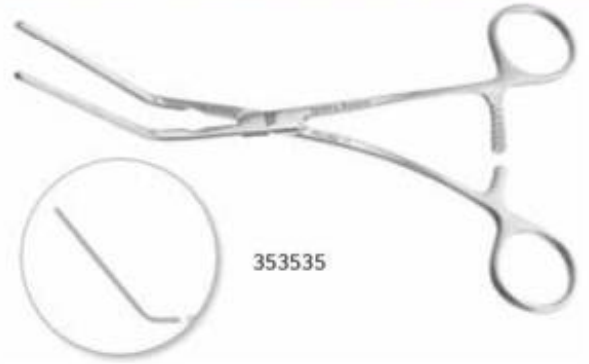
Light, delicate construction throughout with narrow, DeBakey®-type Jaws. Very useful as peripheral vascular clamps.

CATALOG #	DESCRIPTION
353560	Straight, 4 cm jaws, overall length 7" (18 cm)
353562	Straight, 6 cm jaws, overall length 7-7/8" (20 cm)
353565	Curved, 4 cm jaws, overall length 7" (18 cm)
353567	Curved, 6 cm jaws, overall length 7-3/4" (19.5 cm)

VASCULAR CLAMPS

Peripheral Vascular Clamps

DEBAKEY® ANGLED PERIPHERAL VASCULAR CLAMP



CATALOG #	DESCRIPTION
353535	Long, angled DeBakey®-type Jaw, spring handles, 1 x 7 ratchets, 7-1/8" (18 cm)

DEBAKEY® AORTIC EXCLUSION CLAMP

Very light construction. Jaws and shafts curved to form an acute "S" shape. Spring handles.

CATALOG #	DESCRIPTION
353545	DeBakey®-type Curved Jaws, 7-1/8" (18 cm)

VASCULAR CLAMPS

Femoral-Popliteal Clamps

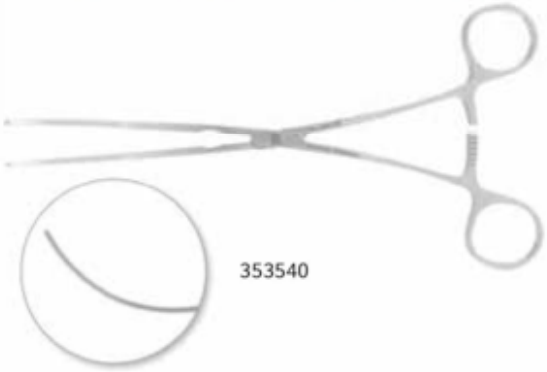
DEMOS TIBIAL ARTERY CLAMP

Specially angled in the plane of the handle, this clamp reduces the tendency to twist or distort a vessel in procedures requiring distal popliteal or tibial occlusion.

CATALOG #	DESCRIPTION
353568	Straight, DeBakey®-type Jaw, 2-3/8" (6 cm) tip length, 2.1 mm tip width, angled shaft, 6-3/4" (17 cm)

Peripheral Vascular Clamps

DEBAKEY® "S" SHAPED PERIPHERAL VASCULAR CLAMP



CATALOG #	DESCRIPTION
353540	Spring handles, 1 x 7 ratchets, 7-7/8" (20 cm)

VASCULAR CLAMPS

Femoral-Popliteal Clamps

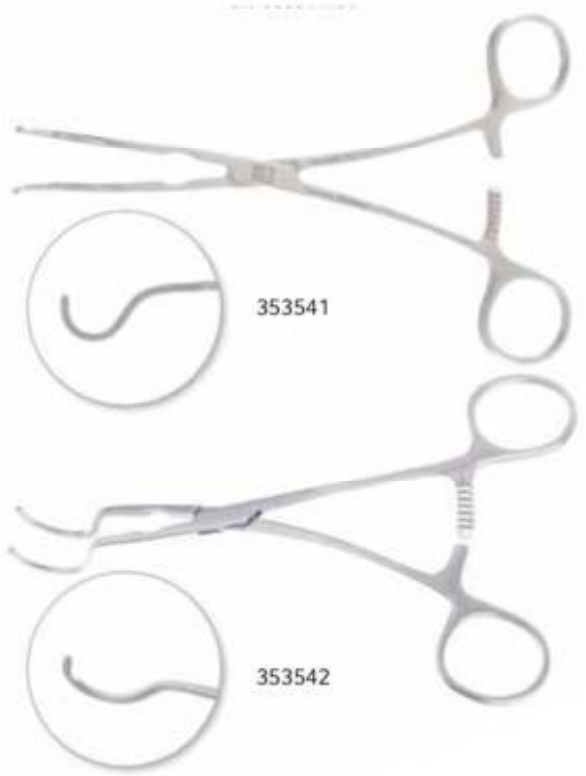
DALE FEMORAL-POPLITEAL ANASTOMOSIS CLAMP

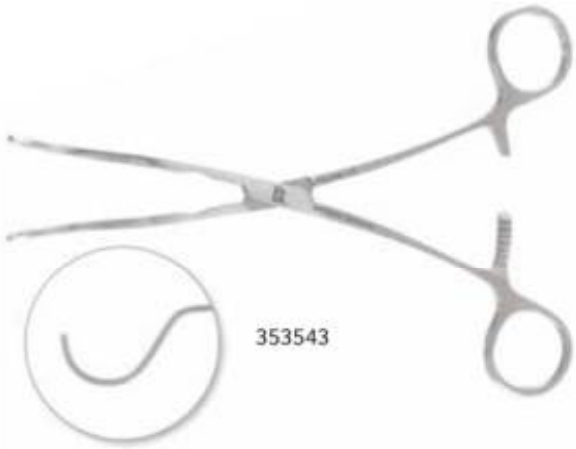
CATALOG #	DESCRIPTION
353528	DeBakey®-type Jaw, spring handle, 1 x 7 ratchets, 7-3/8" (19 cm)

DALE FEMORAL-POPLITEAL CLAMPS

Spring handle, 1 x 7 ratchets.

CATALOG #	DESCRIPTION
353541	Small, 7" (17.5 cm)
353542	Medium, 7-1/8" (18 cm)
353543	Large, 7-1/4" (18.5 cm)

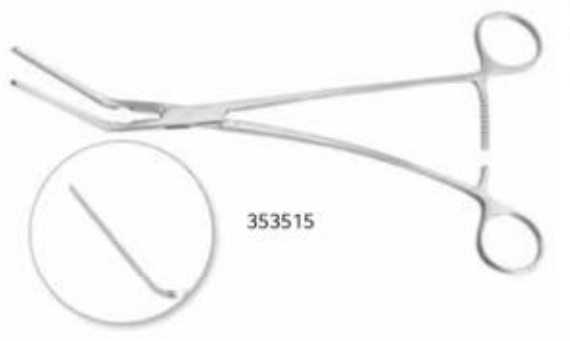




VASCULAR CLAMPS

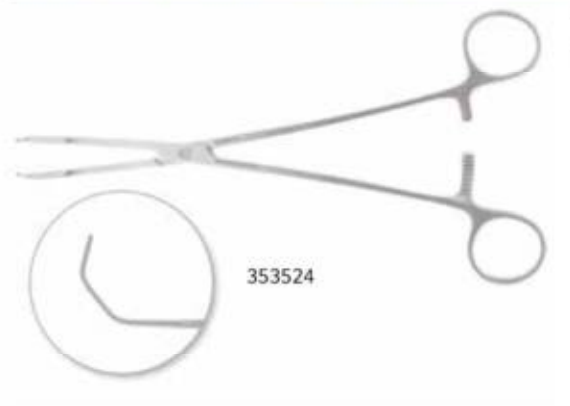
Renal Clamps

DEBAKEY® RENAL ARTERY CLAMP



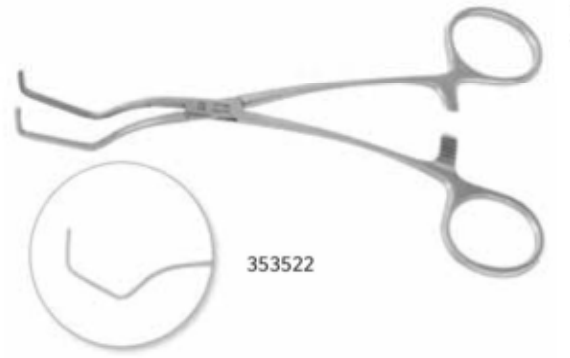
CATALOG #	DESCRIPTION
353515	DeBakey®-type Jaw, long, curved spring handle, 1 x 9 ratchets, 10-1/8" (25.5 cm)

STONEY SPLENO-RENAL SHUNT CLAMP



CATALOG #	DESCRIPTION
353524	Long, extra-fine DeBakey®-type Jaw, spring handle, 1 x 9 ratchets, 9-1/4" (23.5 cm)

WIRTHLIN SPLENO-RENAL SHUNT CLAMP



CATALOG #	DESCRIPTION
353522	Long, DeBakey®-type Jaw, spring handle, 1 x 6 ratchets, 6-1/2" (16.5 cm)

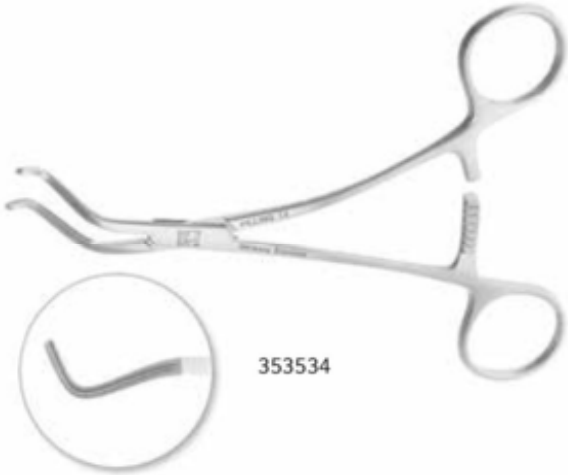
VASCULAR CLAMPS

Renal Clamps

CLEVELAND CLINIC RENAL CLAMPS

Specifically designed to access renal arteries. Jaws angled left and right. DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
353531	Left large, 9-5/8" (24.5 cm)
353532	Right large, 9-5/8" (24.5 cm)
353533	Left baby renal clamp, extra-fine, 1.7 mm jaws, 6-1/2" (16.5 cm)
353534	Right baby renal clamp, extra-fine, 1.7 mm jaws, 6-1/2" (16.5 cm)



VASCULAR CLAMPS

Carotid Clamps, 1.5 mm Jaw

KARTCHNER INTERNAL CAROTID CLAMP

CATALOG #	DESCRIPTION
357198	Jaw length 10 mm, 6-1/4" (16 cm)

THOMPSON CAROTID CLOSURE CLAMP

CATALOG #	DESCRIPTION
357195	Jaw length 22 mm, 5-3/4" (14.5 cm)

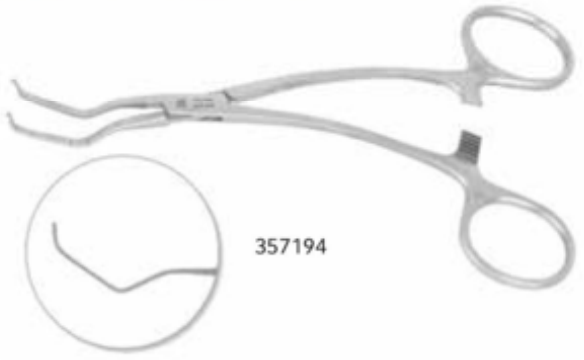
VASCULAR CLAMPS

Carotid Clamps, 1 mm Jaw

KARTCHNER INTERNAL CAROTID CLAMP

CATALOG #	DESCRIPTION
357197	Slightly curved handles, long jaw, 1 mm thick, spring handles, 1 x 6 ratchets, 6-3/8" (16.5 cm)

THOMPSON CLAMP



CATALOG #	DESCRIPTION
357194	Slightly curved handles, long jaw, 1 mm thick, spring handle, 1 x 6 ratchets, 6-1/8" (15.5 cm)

VASCULAR CLAMPS

Carotid Clamps

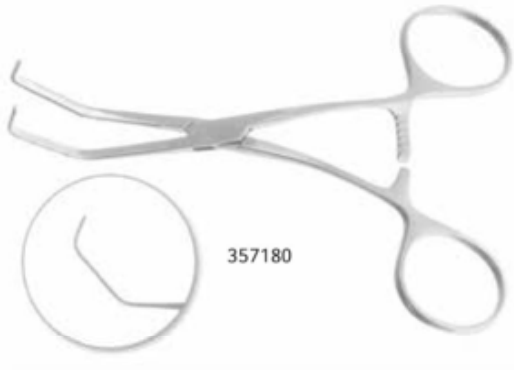
DOERING CAROTID END POINT MICRO RONGEUR FORCEPS

Spring handled rongeur forceps with a 2.5 mm cup to nip end point plaque during carotid endarterectomy.

CATALOG #	DESCRIPTION
355198	7-1/4" (18.5 cm)

Carotid Clamps, 1 mm Jaw

CALMAN CLAMP



CATALOG #	DESCRIPTION
357180	Angled handles, jaw 1" (2.5 cm) long and 1 mm thick, spring handle, 1 x 6 ratchets, 4-1/2" (11.5 cm)

EXAMPLE CLAMP

CATALOG #	DESCRIPTION
357185	Angled handles, jaw 1" (2.5 cm) long and 1 mm thick, spring handle, 1 x 6 ratchets, 5-5/8" (14 cm)

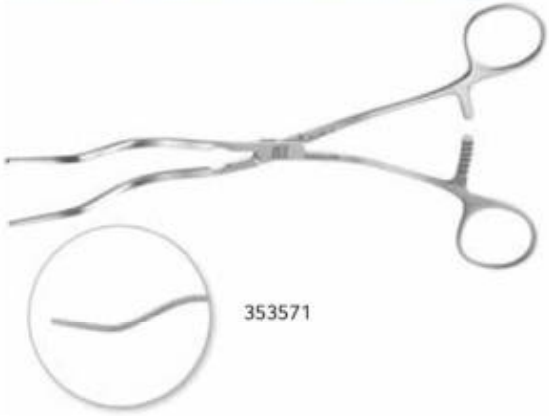
VASCULAR CLAMPS

Carotid Clamps

WYLIE EXTERNAL CAROTID CLAMP

CATALOG #	DESCRIPTION
353570	DeBakey®-type Jaw, spring handle, 1 x 7 ratchets, 8" (20.5 cm)

WYLIE INTERNAL CAROTID CLAMP



CATALOG #	DESCRIPTION
353571	DeBakey®-type Jaw, spring handle, 1 x 7 ratchets, 8-1/4" (21 cm)

WYLIE HYPOGASTRIC CLAMP

CATALOG #	DESCRIPTION
353657	DeBakey®-type Jaw, 9-5/8" (24.5 cm)

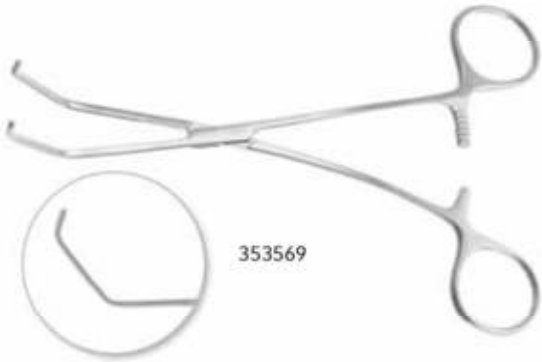
VASCULAR CLAMPS

Carotid Clamps

JAVID CAROTID SHUNT CLAMPS

CATALOG #	DESCRIPTION
353086	Large 6.0 mm ring, 7-3/8" (18.5 cm)
353087	Small 3.5 mm ring, 6-7/8" (17.5 cm)

WYLIE CAROTID CLOSURE CLAMP



CATALOG #	DESCRIPTION
353569	DeBakey®-type Jaw with 1.7 mm wide tip, 6-1/8" (15.5 cm)

WYLIE CAROTID DISSECTING CLAMP

The endarterectomy dissection plane is developed just at the level of maximum disease. Once the plane has been developed to the depth of the artery, a special sharply curved clamp is used to continue the dissection to the opposite side of the arteriotomy. The Wylie Carotid Dissecting Clamp was designed for this purpose and may be preferred to a standard right angle clamp.

CATALOG #	DESCRIPTION
355196	5-7/8" (15 cm)

VASCULAR CLAMPS

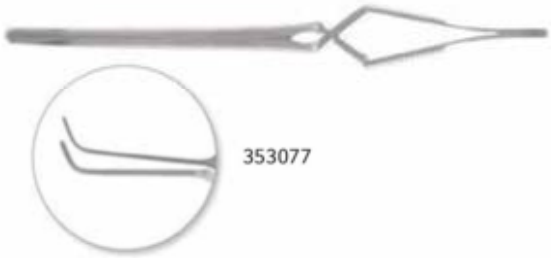
Carotid Clamps

CALMAN CAROTID BULLDOG® CLAMPS

Ring-tipped Bulldog® Clamps designed to lay out of the way while holding the shunt in place during carotid endarterectomy. For use with Javid Shunts.

CATALOG #	DESCRIPTION
353080	Straight, with small ring, for use on the internal carotid artery superiorly holding the shunt in place, 5 mm ring, 3-1/2" (9 cm)
353085	Angled, with large ring, for use on the common carotid artery inferiorly, 8 mm ring, 3-3/4" (9.5 cm)

GREGORY INTERNAL CAROTID "SOFT" BULLDOG® CLAMP



CATALOG #	DESCRIPTION
353077	5/8" (15 mm) distal tip, DeBakey®-type Jaw, 4-1/2" (11.5 cm)

GREGORY CAROTID ANGLED BULLDOG® CLAMP

CATALOG #	DESCRIPTION
353078	1/2" (12 mm) distal tip, DeBakey®-type Jaw, 4-1/2" (11.5 cm)

VASCULAR CLAMPS

Ring Handled Bulldog® Clamps

GREGORY MINIATURE VASCULAR CLAMPS

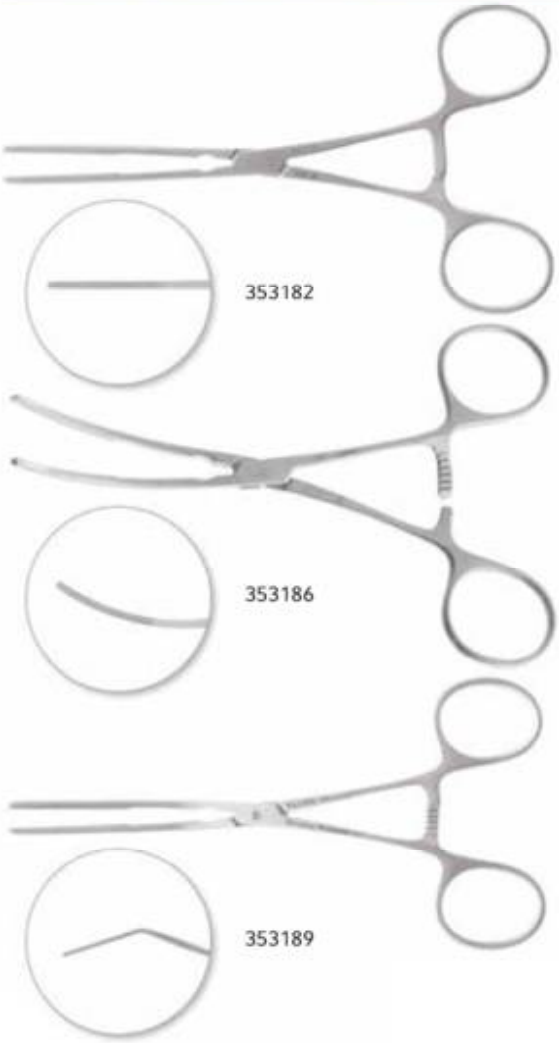
Very delicate, small vessel occlusion clamps, with DeBakey®-type Jaws 1.5 mm wide and LIFE-LOK® Box-Lock.

CATALOG #	DESCRIPTION
353183	Straight, extra-light, 4-3/4" (12 cm)
353187	Curved, extra-light, 4-1/8" (10.5 cm)
353190	Angled 45 degrees, extra-light, 4-3/8" (11 cm)

VASCULAR CLAMPS

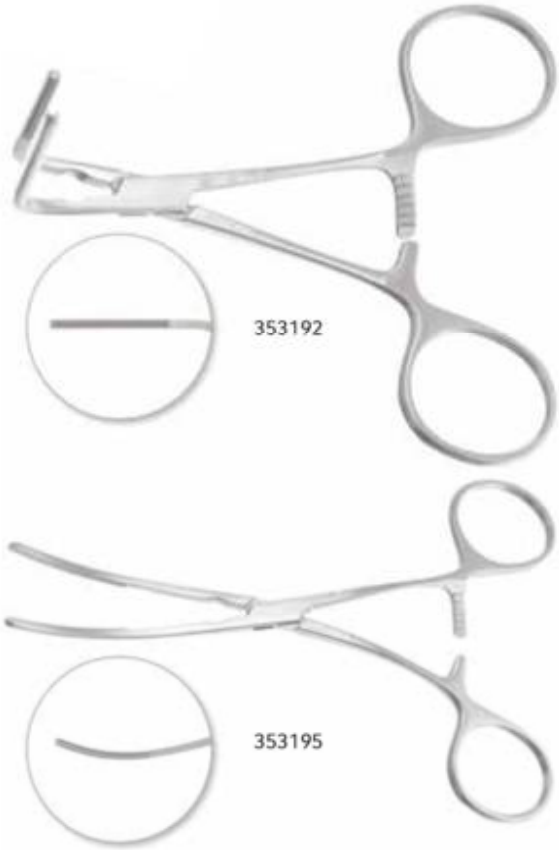
Ring Handled Bulldog® Clamps

DEBAKEY® RING HANDLE BULLDOG® CLAMPS



These short, sturdy clamps are intended for use in place of the longer sizes of "squeeze handle" bulldogs. They measure only 2-3/4" (7 cm) from the center point of the box lock to the end of the ring handles, averaging approximately 4-3/4" (12 cm) to 5-1/8" (13 cm) overall length depending on shape. Narrow DeBakey®-type Jaws and spring handles provide firm, non-traumatizing grip.

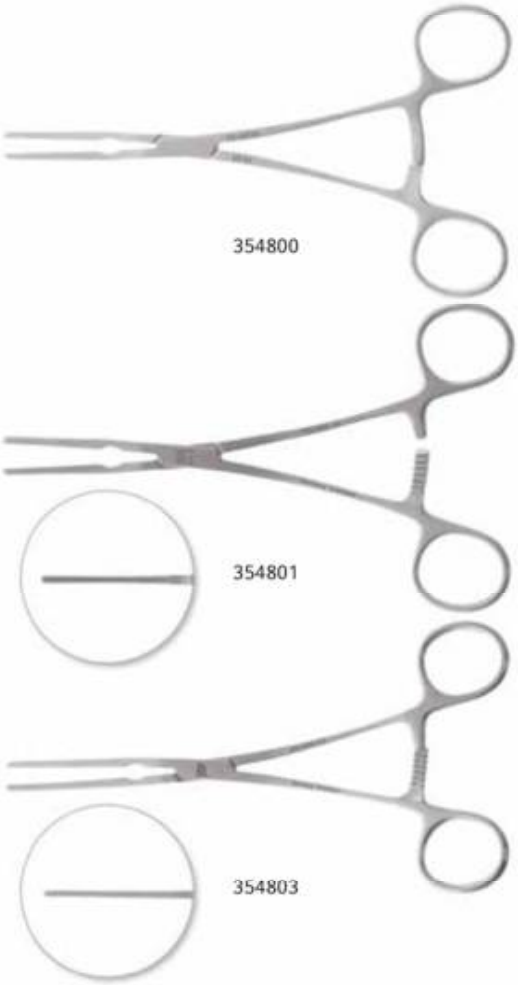
CATALOG #	DESCRIPTION
353182	Straight, 2-1/4" (5.5 cm) jaw, 5-3/8" (13.5 cm)
353186	Curved, 2-3/8" (6 cm) jaw, 5-3/8" (13.5 cm)
353189	Angled 45 degrees, jaws 1-3/16" (3 cm) past angle, curved shafts, 5-3/8" (13.5 cm)
353192	Angled 90 degrees, jaws 1-3/4" (4.5 cm) past angle, straight shafts, 4-1/8" (10.5 cm)
353195	"S"-shaped, curved, 2-1/2" (6.5 cm) jaws, long and curved shafts, 5-1/8" (13 cm)



VASCULAR CLAMPS

Pediatric Clamps, Cooley-Type Jaw

COOLEY PEDIATRIC PATENT DUCTUS CLAMPS



Spring handle, 1 x 7 ratchets.

CATALOG #	DESCRIPTION
354800	Straight, calibrated jaw, straight shanks, 6-3/4" (17 cm)
354801	Straight, calibrated jaw, angled shanks, 6-1/2" (16.5 cm)
354802	Straight, calibrated jaw, straight shanks, 7" (18 cm)
354803	Straight, calibrated jaw, angled shanks, 7" (18 cm)
354804	Curved, calibrated jaw, straight shanks, 7-1/4" (18.5 cm)

COOLEY PEDIATRIC PATENT DUCTUS CLAMPS

CATALOG #	DESCRIPTION
354808	Spoon-shaped, 5 mm calibrated jaws, straight handles, 7-1/8" (18 cm)

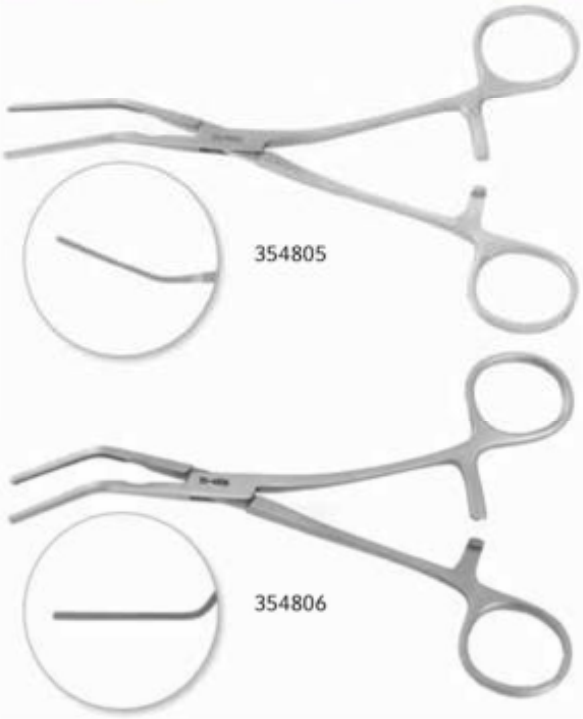
VASCULAR CLAMPS

Pediatric Clamps, Cooley-Type Jaw

COOLEY PEDIATRIC MODIFIED ANASTOMOSIS CLAMP

CATALOG #	DESCRIPTION
354847	30 degree side angle, calibrated 5/8" (1.5 cm) jaw, spring handle, 1 x 7 ratchets, 7-1/8" (18 cm)

COOLEY PEDIATRIC MULTIPURPOSE CLAMPS



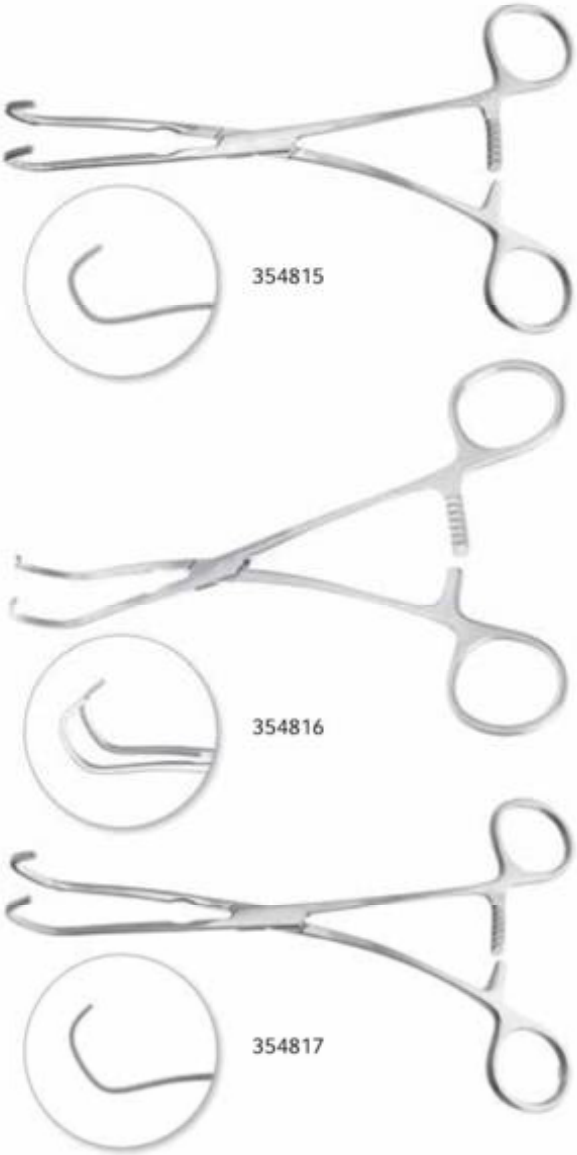
Long, angled shanks, spring handle, 1 x 7 ratchets.

CATALOG #	DESCRIPTION
354805	30 degree angled, calibrated 3/4" (2 cm) jaw, 6-3/4" (17 cm)
354806	60 degree angled, calibrated 1-1/4" (3.5 cm) jaw, 6-1/2" (16.5 cm)
354807	90 degree angled, calibrated 1-1/2" (4 cm) jaw, 5-3/4" (14.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, Cooley-Type Jaw

COOLEY PEDIATRIC DERRA CLAMPS



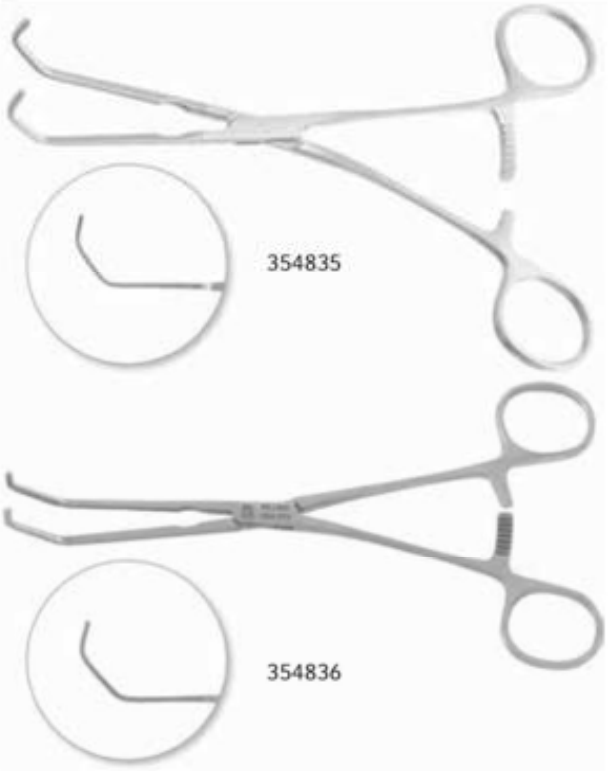
Slightly curved shaft, spring handle, 1 x 7 ratchets.

CATALOG #	DESCRIPTION
354815	Small, calibrated 3/4" (2 cm) jaw, 7" (18 cm)
354816	Medium, calibrated 1-1/8" (3 cm) jaw, 7" (18 cm)
354817	Large, calibrated 1-1/8" (3 cm) jaw, 7-1/8" (18 cm)

VASCULAR CLAMPS

Pediatric Clamps, Cooley-Type Jaw

COOLEY PEDIATRIC CARDIOVASCULAR CLAMPS



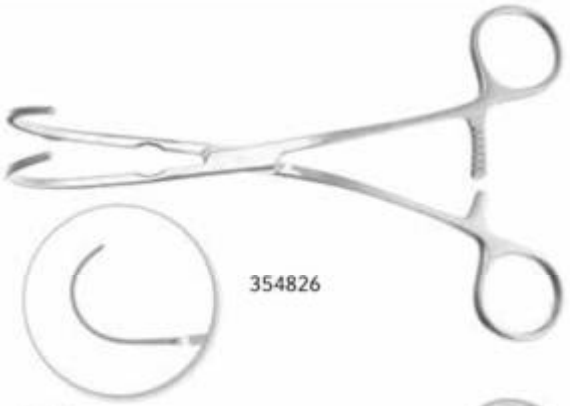
CATALOG #	DESCRIPTION
354835	Angled shafts, small, double angled 60 degree calibrated jaw, 7-1/8" (18 cm)
354836	Angled shafts, large, double angled 60 degree calibrated jaw, 7-1/8" (18 cm)

PRIME SU

VASCULAR CLAMPS

Pediatric Clamps, Cooley-Type Jaw

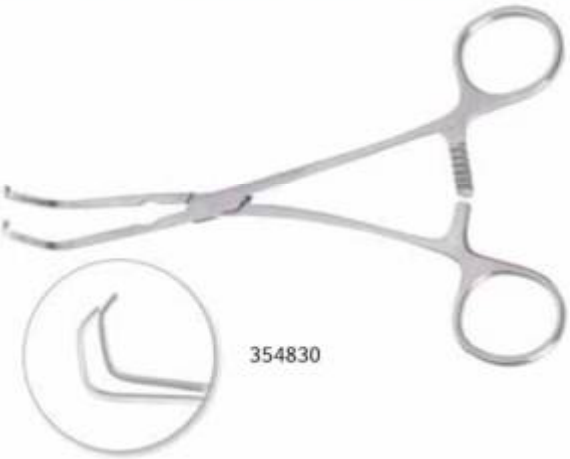
COOLEY CLAMPS



Acutely curved clamps. Jaws calibrated on anterior surface from center point outward. Angled shafts.

CATALOG #	DESCRIPTION
354826	Medium clamp, full length Cooley jaw serrations, 1-1/2" (3.8 cm), 6-5/8" (17 cm)
354827	Large clamp, full length Cooley jaw serrations, 1-3/4" (4.5 cm), 6-3/4" (17 cm)

COOLEY CLAMPS FOR PEDIATRIC AND INFANT CARDIOVASCULAR SURGERY



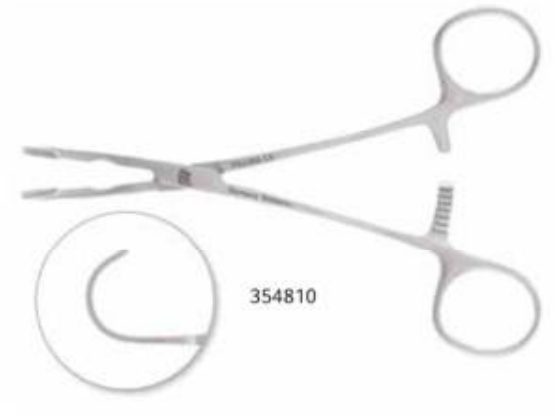
Double angle jaws calibrated on anterior surface from center point outward. Angled shafts.

CATALOG #	DESCRIPTION
354830	Angled 90 degrees, small jaws, 6-3/4" (17 cm)

VASCULAR CLAMPS

Pediatric Clamps, Cooley-Type Jaw

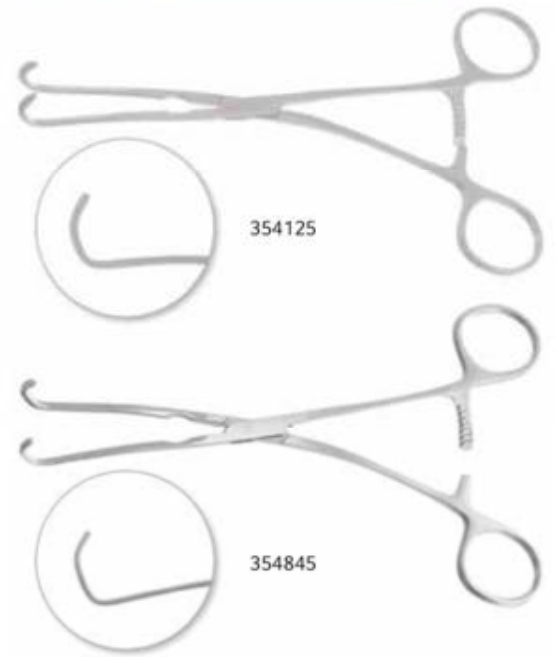
BECK-TYPE VESSEL CLAMP



Small, acutely curved jaws calibrated on anterior surface from center point outward.

CATALOG #	DESCRIPTION
354810	Straight handles, 1" (2.5 cm) jaw, 6-1/8" (15.5 cm)

COOLEY ANASTOMOSIS CLAMPS



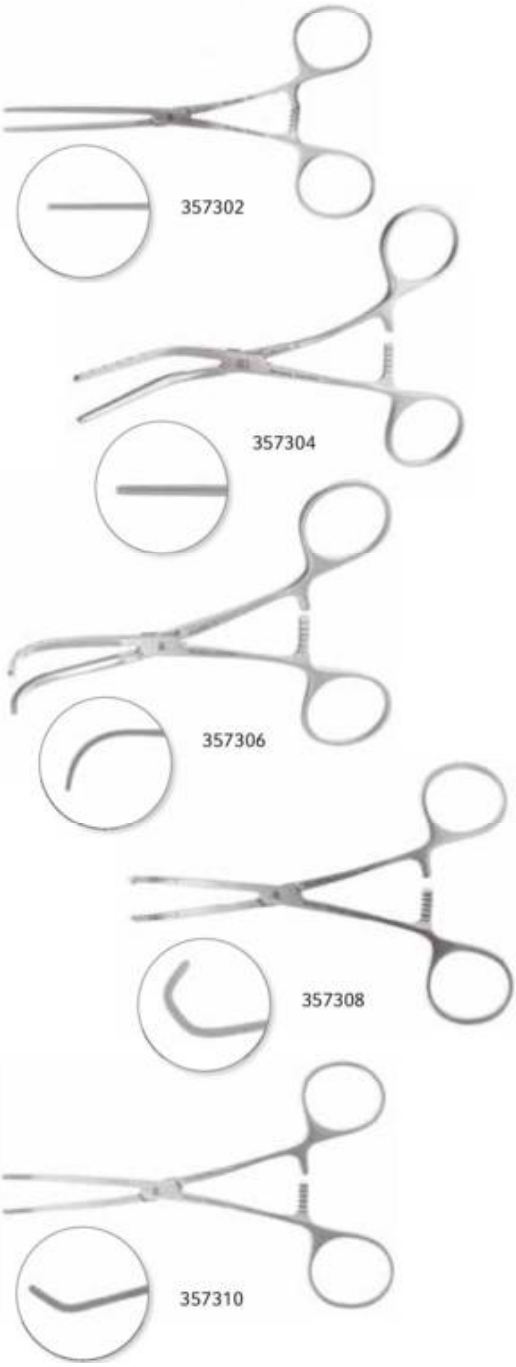
Jaws are calibrated on the anterior surface from center point outward. This miniature vascular clamp is designed for partial occlusion of a major vessel (aorta, inferior vena cava, carotid artery, etc.) where total occlusion may be undesirable. Calibrations at 5 mm intervals on the jaws are useful in aortico-pulmonary anastomosis in infants and children with tricuspid atresia or Tetralogy of Fallot. Lightweight, calibrated jaws 3/4" (2 cm) with Cooley serration.

CATALOG #	DESCRIPTION
354125	Spring handle, 1 x 7 ratchets, 7-1/8" (18 cm)
354845	1.5 mm extra-fine DeBakey®-type Jaws, spring handle, 1 x 7 ratchets, 7-1/8" (18 cm)

VASCULAR CLAMPS

Pediatric Clamps, Cooley-Type Jaw

COOLEY CLAMPS FOR PEDIATRIC CARDIOVASCULAR SURGERY



These clamps are designed especially for surgery in infants and small children. They have specially set ratchets to permit gradual application and release of the clamps.

Cooley-type Jaws. A double row of fine atraumatic teeth are arranged in opposing rows to grasp the vessel. The teardrop shape of the jaws allows for maximum length of divided vessel for suturing (as patent ductus arteriosus).

Calibrations. Jaws are engraved at 5 mm intervals to facilitate accurate measurements. The calibration is on the outer sides of the jaws on cross clamps and on the anterior surface of partial occlusion clamps.

The Cooley Clamps are all of the same general size and weight. Tension is carefully calculated to be in proportion to jaw length, shape and intended use. Length is approximately 4-1/4" (10.8 cm) to center of box-lock. Constructed of dull, non-glare finished stainless steel. Shafts or arms of Cooley Clamps are of three different shapes — straight, angled or curved as shown in diagram.

Jaw shapes are varied as shown, and are calibrated starting from distal tip toward box-lock or from center point of jaw, proceeding in both directions.

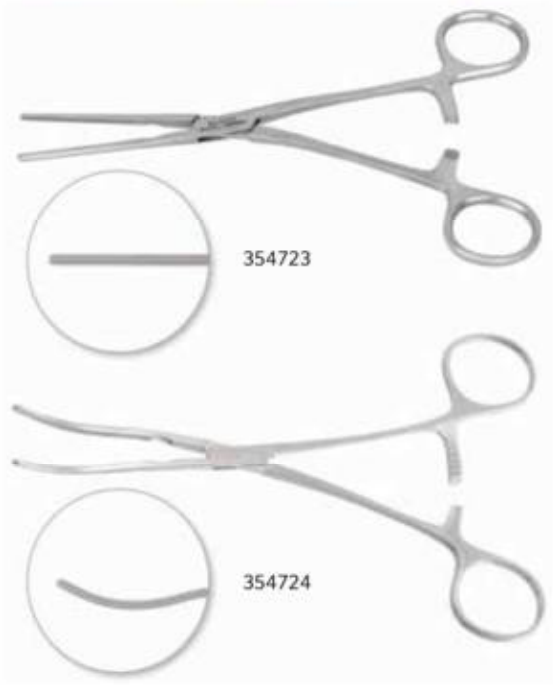
Spring handle, 1 x 6 ratchets.

CATALOG #	DESCRIPTION
357302	Straight jaw, angled shanks, 5-1/8" (13 cm)
357304	Angled jaw, curved shanks, 5" (12.5 cm)
357306	Curved 3/4" (19 mm) jaw, straight shanks, 4-5/8" (11.5 cm)
357308	Partial occlusion jaw, curved shanks, 4-5/8" (11.5 cm)
357310	Carotid jaw, curved shanks, 4-3/4" (12 cm)

VASCULAR CLAMPS

Pediatric Clamps, 2 mm Jaw

PILLING® MINIATURE PEDIATRIC CLAMPS



Pilling® Miniatures are all the same general size (approximately 4-1/4" (11 cm) to center of box lock) and weight. They are considerably lighter than "standard adult" instruments of the same model. The jaws are approximately 2 mm wide with medium size DeBakey®-type Serration.

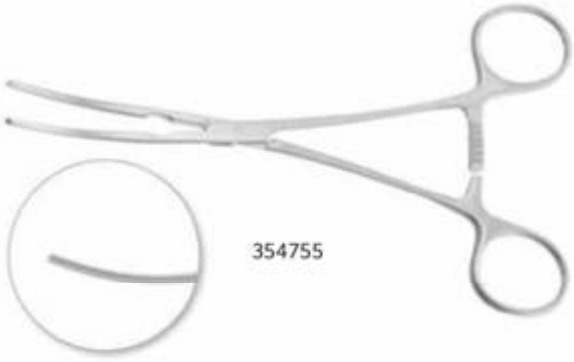
CATALOG #	DESCRIPTION
354720	Patent Ductus, straight, 2" (5 cm) jaws, 6-3/4" (17 cm)
354721	Patent Ductus, straight, 1-7/8" (4.5 cm) jaws, 6-3/8" (16 cm)
354722	Coarctation, straight, 2-1/2" (6 cm) jaws, 7-1/8" (18 cm)
354723	Coarctation, angled, 2-3/8" (6 cm) jaws, 7" (17.5 cm)
354724	Spoon shape, 1-3/4" (4.5 cm) jaws, 7-1/8" (18 cm)

PRIME SURGIC

VASCULAR CLAMPS

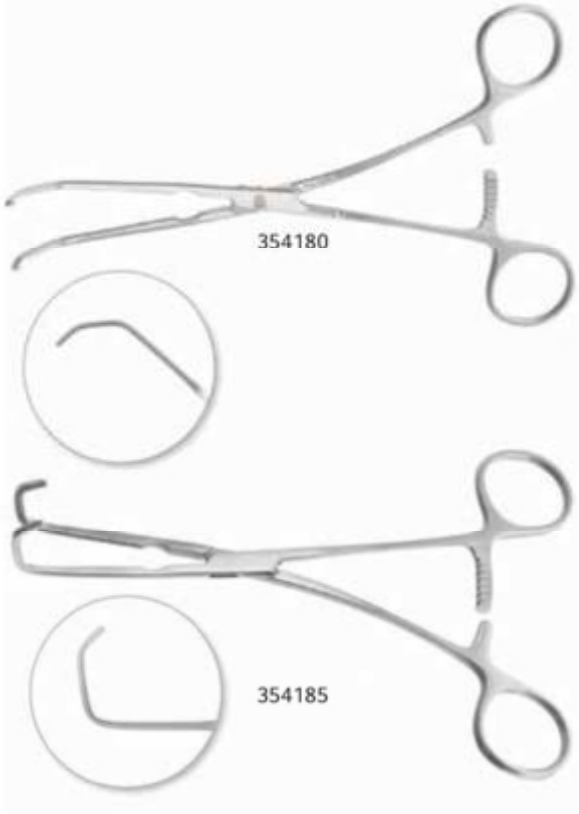
Pediatric Clamps, 2 mm Jaw

GLOVER CURVED MINIATURE PEDIATRIC CLAMP



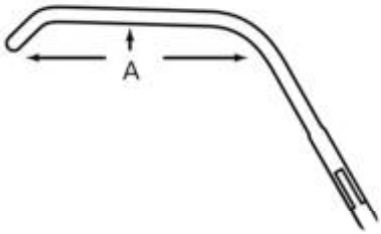
CATALOG #	DESCRIPTION
354755	Slightly curved jaws 1/2" (1.2 cm) long, 7-1/8" (18 cm)

MINIATURE SATINSKY REYNOLDS CLAMPS



Reynolds-type clamps, baby size. These miniature models of the Satinsky Clamp have DeBakey®-type Jaws and are made in two jaw angles.

CATALOG #	DESCRIPTION
354180	Angled 50 degrees, small jaw, (A) length 1" (2.5 cm), (A) depth 1/4" (6 mm), 7-1/4" (18.5 cm)
354185	Angled 85 degrees, small jaw, (A) length 1-1/4" (3 cm), (A) depth 1/4" (6 mm), 6-3/4" (17 cm)



VASCULAR CLAMPS

Pediatric Clamps, 2 mm Jaw

DEBAKEY® PEDIATRIC MULTIPURPOSE CLAMPS

DeBakey®-type Jaw, spring handle, 1 x 7 ratchets.

CATALOG #	DESCRIPTION
354735	Angled 30 degrees, jaw 3/4" (19 mm) long past angle, 6-3/4" (17 cm)
354737	Angled 60 degrees, jaw 1-1/4" (32 mm) long past angle, 6-1/4" (16 cm)
354739	Angled 90 degrees, jaw 1-1/2" (37 mm) long past angle, 6" (15 cm)

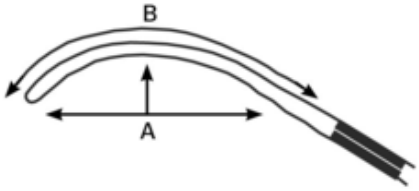
VASCULAR CLAMPS

Pediatric Clamps, 2 mm Jaw

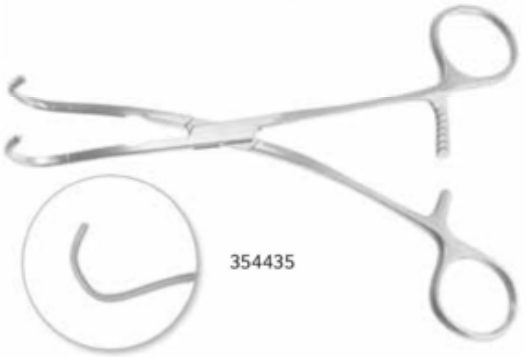
DEBAKEY® ACUTELY CURVED CLAMPS

Jaws curve on 1-3/4" (4.5 cm) radius, entire length of jaws contain DeBakey®-type Serrations.

CATALOG #	DESCRIPTION
354729	6-3/4" (17 cm)
354730	Jaws are larger than 354729 Length (B) 2-3/4"(7 cm) Length (A) 1-3/4" (4.5 cm) Depth (A) 3/4" (2 cm) Overall length 6-7/8" (17.5 cm)



DEBAKEY® MINIATURE ANASTOMOSIS CLAMP

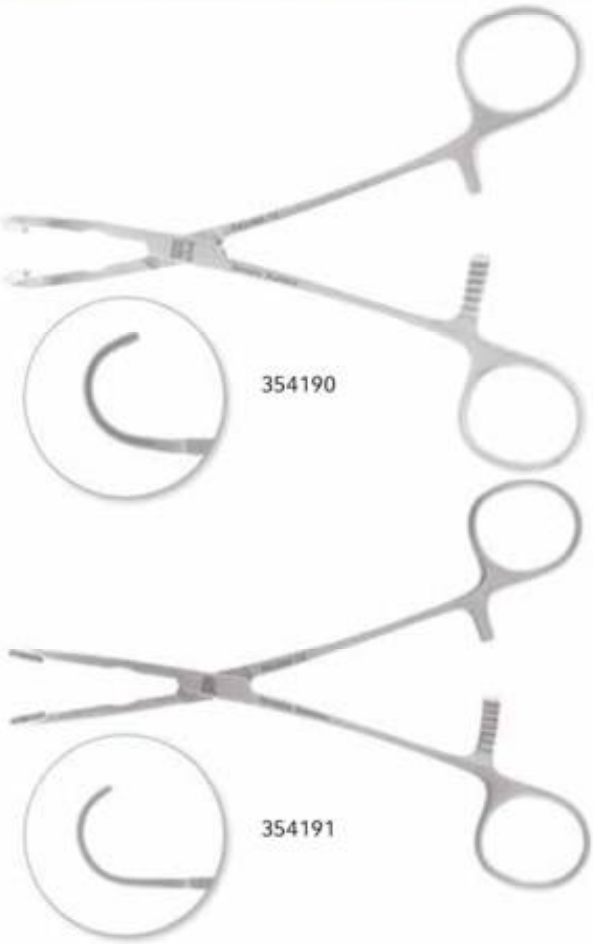


CATALOG #	DESCRIPTION
354435	Small jaw, 6-1/2" (16.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, 2 mm Jaw

BECK-TYPE VESSEL CLAMPS



Small, acutely curved DeBakey®-type Jaws.

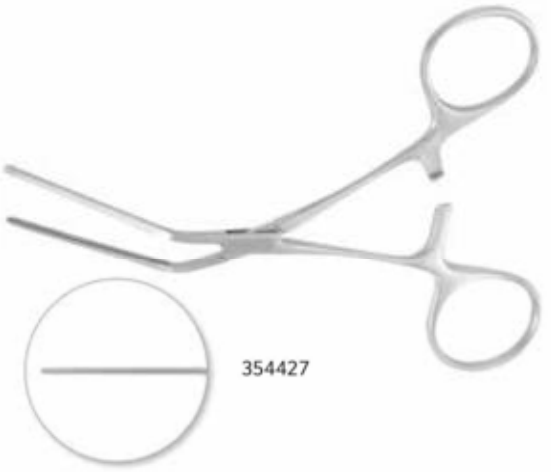
CATALOG #	DESCRIPTION
354190	Small, 21 mm jaw, 6" (15 cm)
354191	Large, 32 mm jaw, 6-1/2" (16.5 cm)

PRIM

VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

REPLOGIE PEDIATRIC AORTA CROSS CLAMP

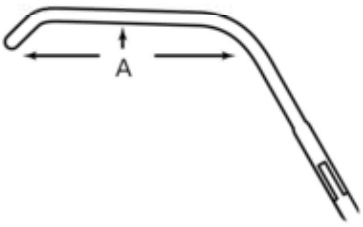


CATALOG #	DESCRIPTION
354427	Angled 60 degrees, 48 mm jaw, 4-5/8" (12 cm)

Pediatric Clamps, 2 mm Jaw

BECK MINIATURE PEDIATRIC AORTIC CLAMP

CATALOG #	DESCRIPTION
354750	Jaw length (A) 1" (2.5 cm), (A) depth 1/4" (5 cm), overall length 7" (18 cm)

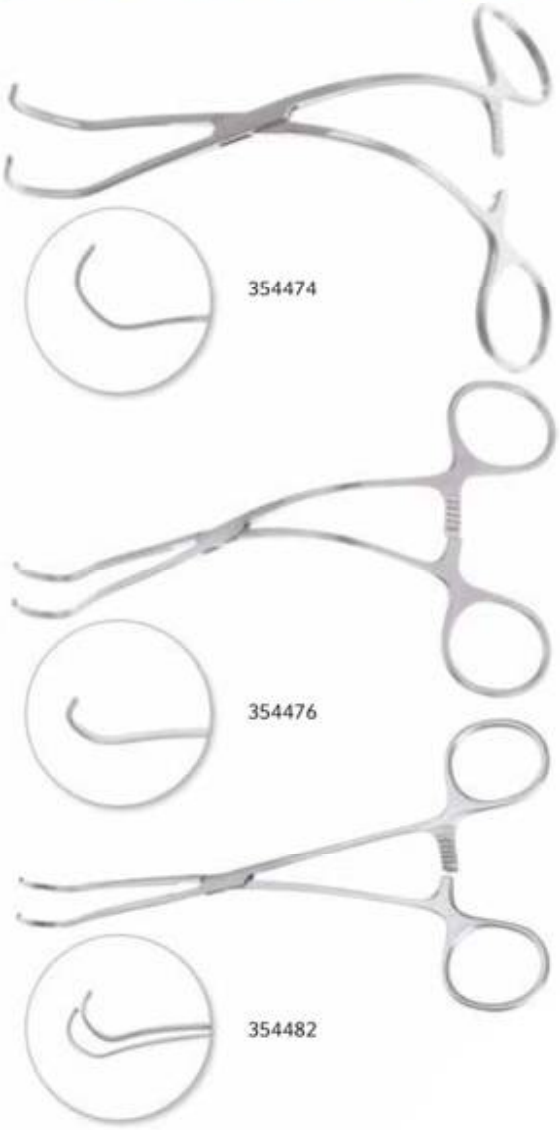


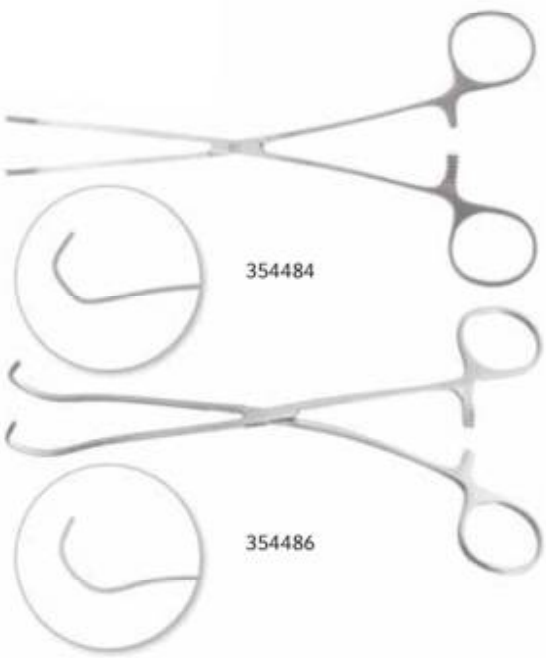
VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DERRA PARTIAL OCCLUSION CLAMPS

CATALOG #	DESCRIPTION
354474	Large, curved handle, 25 mm jaw, 4-1/2" (11.5 cm)
354476	Deep, small, curved handle, 17 mm jaw, 5-5/8" (14 cm)
354482	Deep, small, extra-long, 18 mm jaw, 7" (18 cm)
354484	Deep, medium, extra-long, 22 mm jaw, 7" (18 cm)
354486	Deep, large, extra-long, 25 mm jaw, 7-1/4" (18.5 cm)



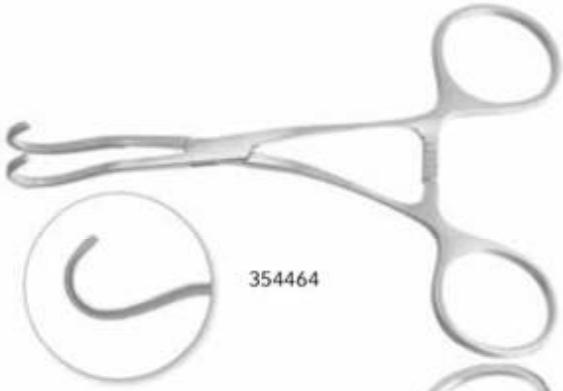


VASCULAR CLAMPS

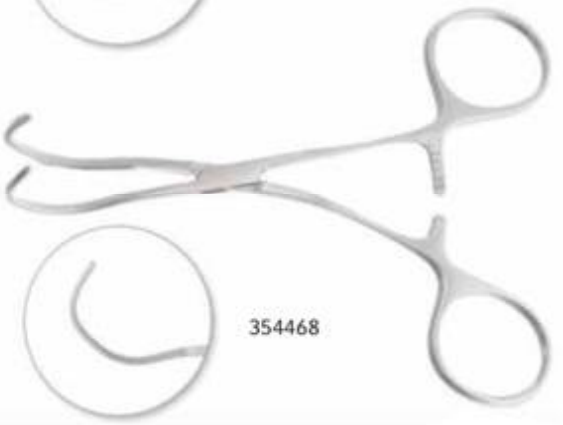
Pediatric Clamps, 1.5 mm Jaw

DERRA PARTIAL OCCLUSION CLAMPS

CATALOG #	DESCRIPTION
354464	Short, small, 10 mm jaw, 4-3/8" (11 cm)
354466	Short, medium, 16 mm jaw, 4-3/8" (11 cm)
354468	Short, large, 28 mm jaw, 4-5/8" (11.5 cm)
354470	Small, curved handle, 17 mm jaw, 4-3/8" (11 cm)
354472	Medium, curved handle, 22 mm jaw, 4-3/4" (12 cm)


354464

354466


354468

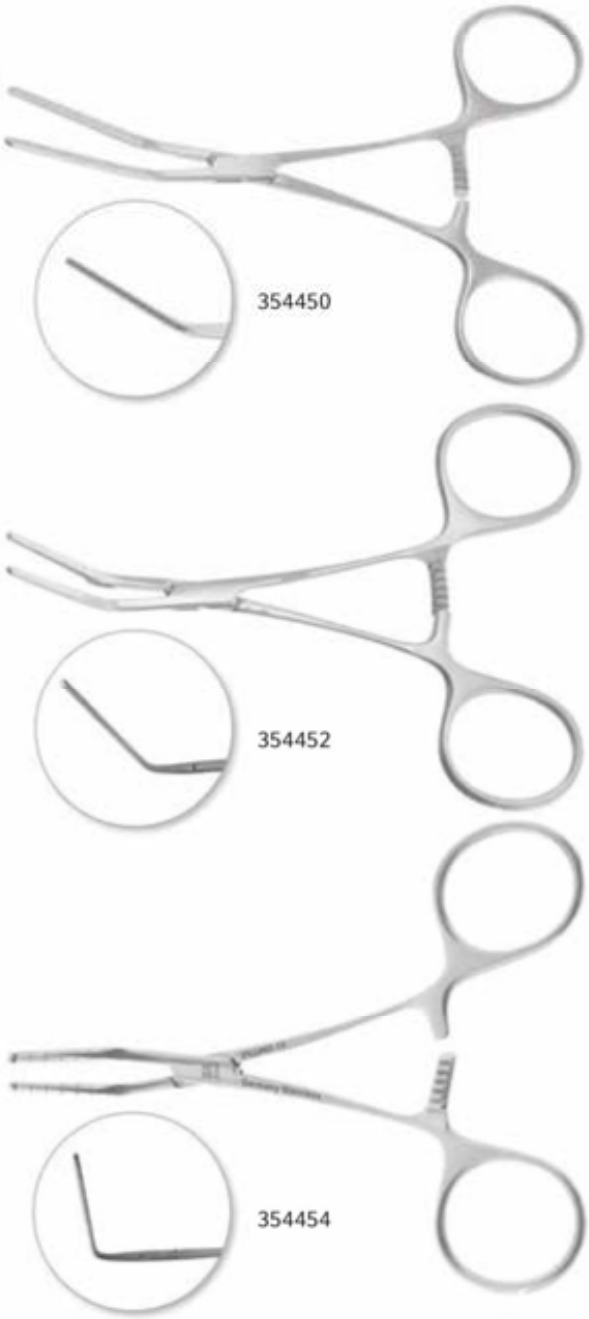
354470

354472

VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBORAH-CASTANEDA PERIPHERAL VASCULAR CLAMPS



Jaw blades calibrated at 5 mm intervals.

CATALOG #	DESCRIPTION
354450	Angled 30 degrees, 30 mm jaw, 4-3/4" (12 cm)
354452	Angled 50 degrees, 30 mm jaw, 4-5/8" (11.5 cm)
354454	Angled 90 degrees, 30 mm jaw, 3-3/4" (9.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBORAH-CASTANEDA PARTIAL OCCLUSION CLAMPS

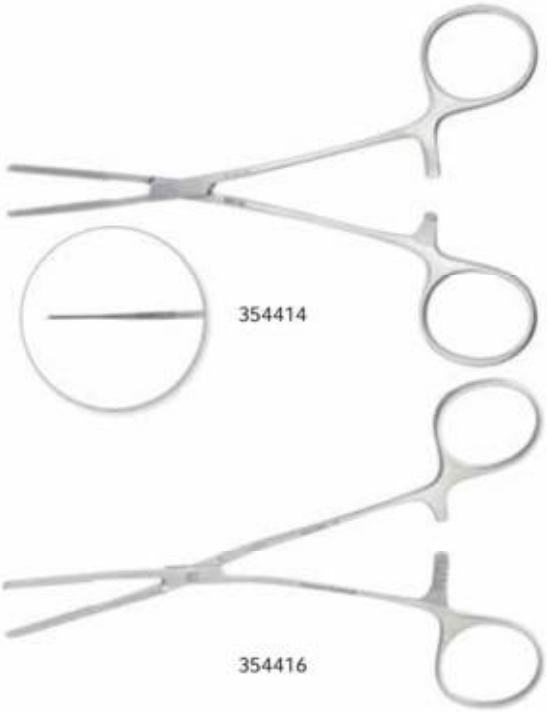
Jaw blades calibrated at 5 mm intervals.

CATALOG #	DESCRIPTION
354456	Small, 25 mm jaw, 4-1/2" (11.5 cm)
354458	Medium, 18 mm jaw, 5-5/8" (14 cm)
354460	Large, 21 mm jaw, 5-3/4" (14.5 cm)
354462	Extra-large, 26 mm jaw, 5-7/8" (15 cm)

VASCULAR CLAMPS

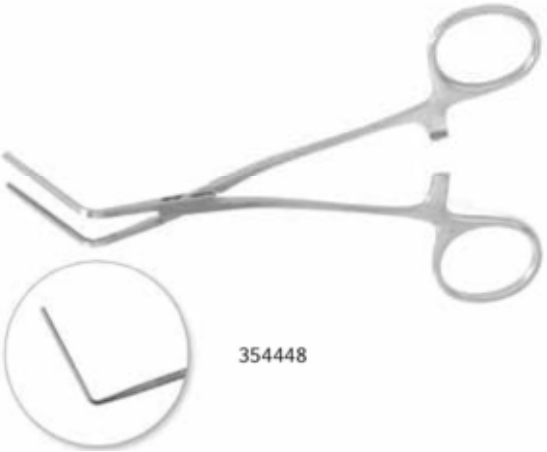
Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® PATENT DUCTUS CLAMPS



CATALOG #	DESCRIPTION
354414	Straight, 1.7 mm tip width, 6" (15 cm)
354416	Angled 20 degrees, 1.7 mm tip width, 6" (15 cm)

DEBAKEY® PEDIATRIC AND ADULT VASCULAR CLAMPS

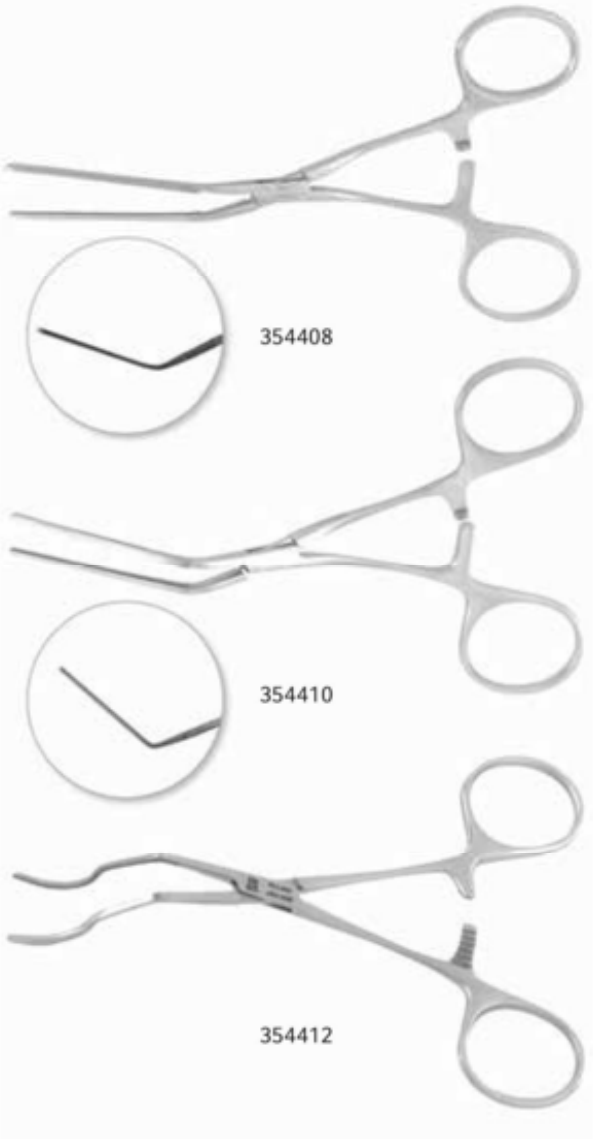


CATALOG #	DESCRIPTION
354448	Large, angled 90 degrees, 5-1/4" (13 cm)

VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® PEDIATRIC AND ADULT VASCULAR CLAMPS

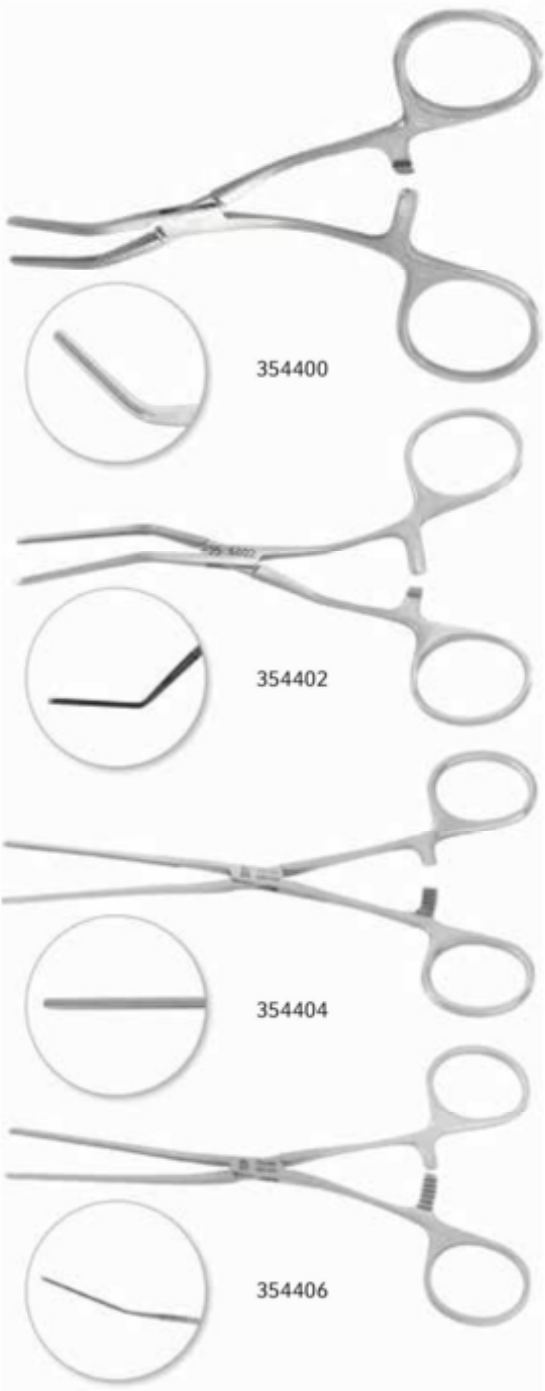


CATALOG #	DESCRIPTION
354408	Angled 45 degrees, 1-3/8" (3.5 cm) jaw, 4-7/8" (12.5 cm)
354410	Angled 60 degrees, 1-5/8" (4 cm) jaw, 4-3/8" (11 cm)
354412	Angled 90 degrees, 1-7/8" (4.8 cm) tip length, 3-3/4" (9.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® PEDIATRIC AND ADULT VASCULAR CLAMPS

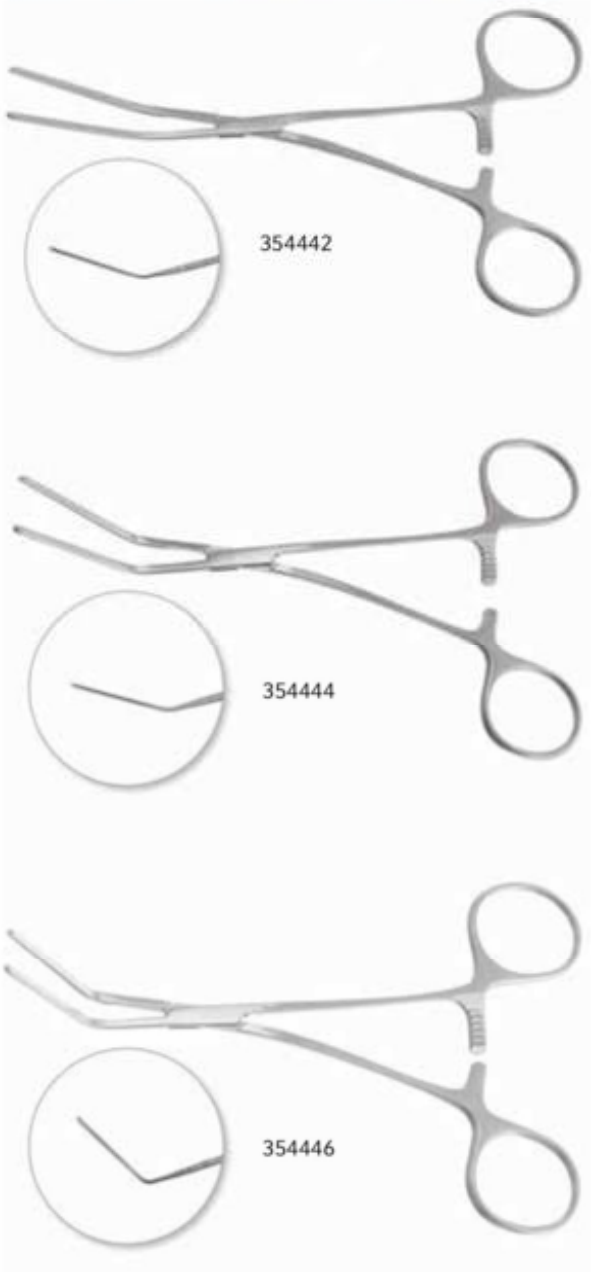


CATALOG #	DESCRIPTION
354400	Small, angled 45 degrees, 5/8" (1.5 cm) jaw, 3-7/8" (10 cm)
354402	Medium, angled 45 degrees, 4-1/8" (10.5 cm)
354404	Large, straight, 5-1/2" (14 cm)
354406	Angled 15 degrees, 5-1/4" (13.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® MULTIPURPOSE VASCULAR CLAMPS LONG

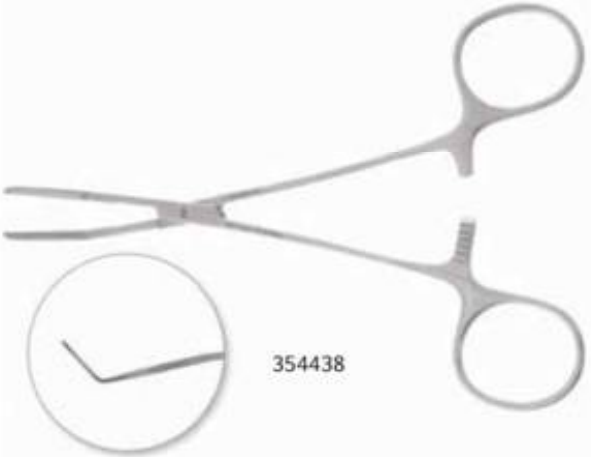


CATALOG #	DESCRIPTION
354442	Angled 30 degrees, 6-1/2" (16.5 cm)
354444	Angled 45 degrees, 6-1/8" (15.5 cm)
354446	Angled 60 degrees, 5-3/4" (14.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® MULTIPURPOSE VASCULAR CLAMPS

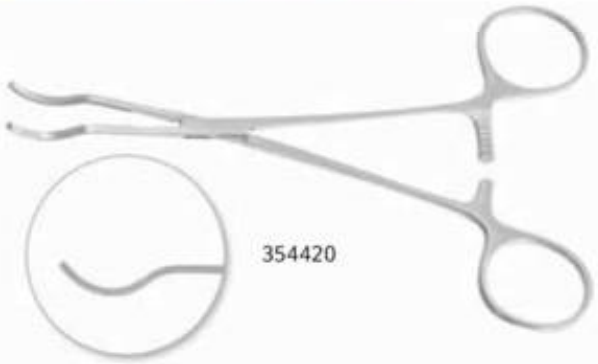


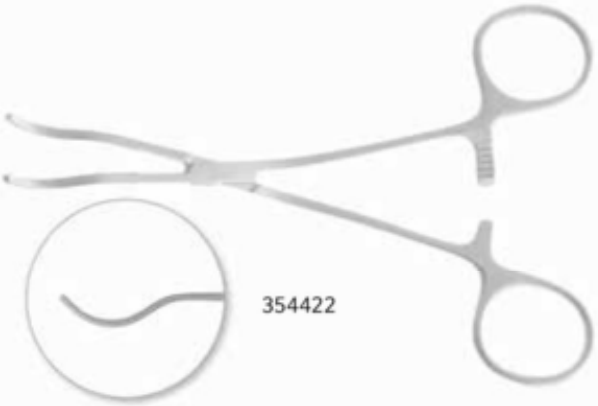
CATALOG #	DESCRIPTION
354434	Angled 30 degrees, jaw length 20 mm, 5-3/4" (14.5 cm)
354436	Angled 45 degrees, jaw length 20 mm, 5-1/2" (14 cm)
354438	Angled 60 degrees, jaw length 20 mm, 5-3/8" (13.5 cm)

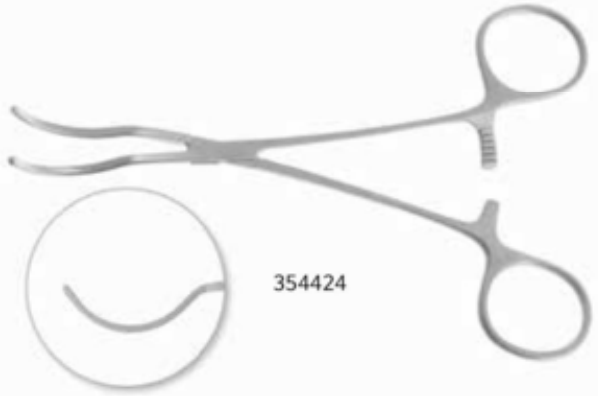
VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® SPOON CLAMPS







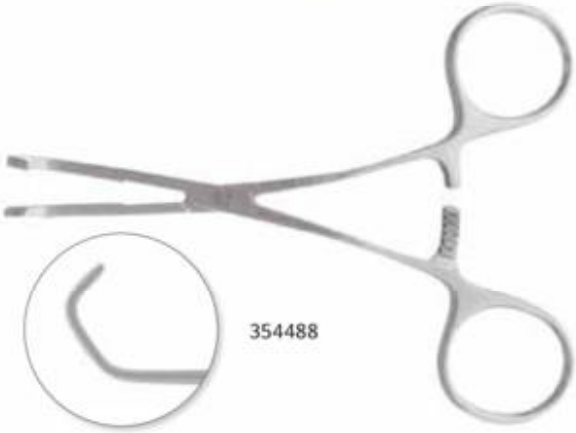
CATALOG #	DESCRIPTION
354420	Small spoon, 6-1/4" (16 cm)
354422	Small spoon, angled, 5-3/4" (14.5 cm)
354424	Large spoon, 6-1/8" (15.5 cm)

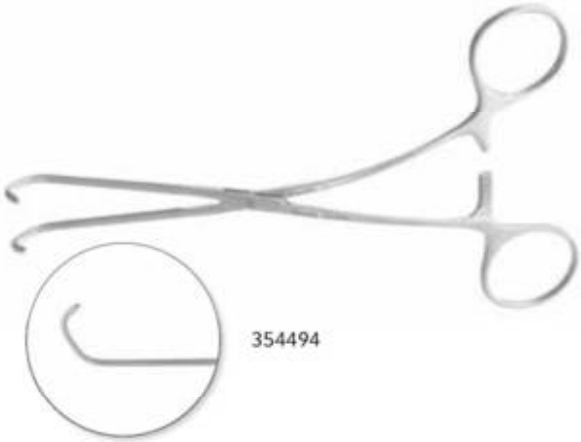
VASCULAR CLAMPS

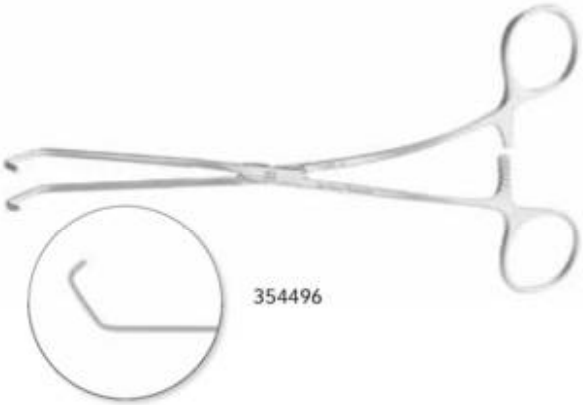
Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® PARTIAL OCCLUSION CLAMPS

CATALOG #	DESCRIPTION
354488	Small, 4-3/8" (11 cm)
354490	Medium, 4-3/8" (11 cm)
354494	Large, 6-1/4" (16 cm)
354496	Small, extra-long, 6-5/8" (17 cm)



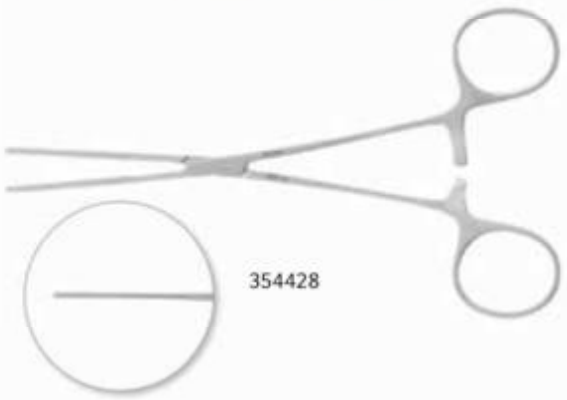


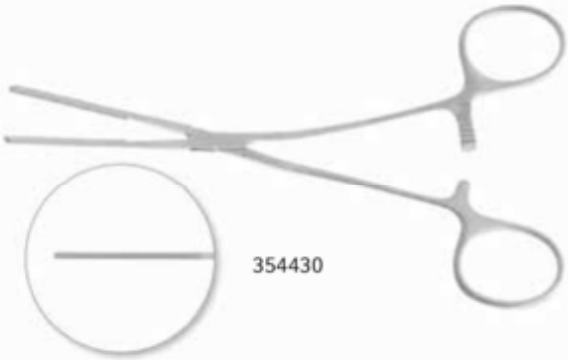


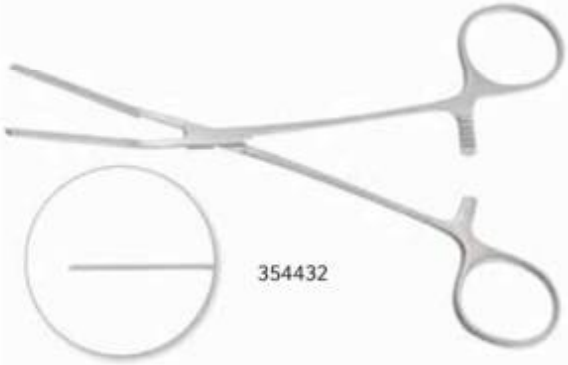
VASCULAR CLAMPS

Pediatric Clamps, 1.5 mm Jaw

DEBAKEY® COARCTATION CLAMPS





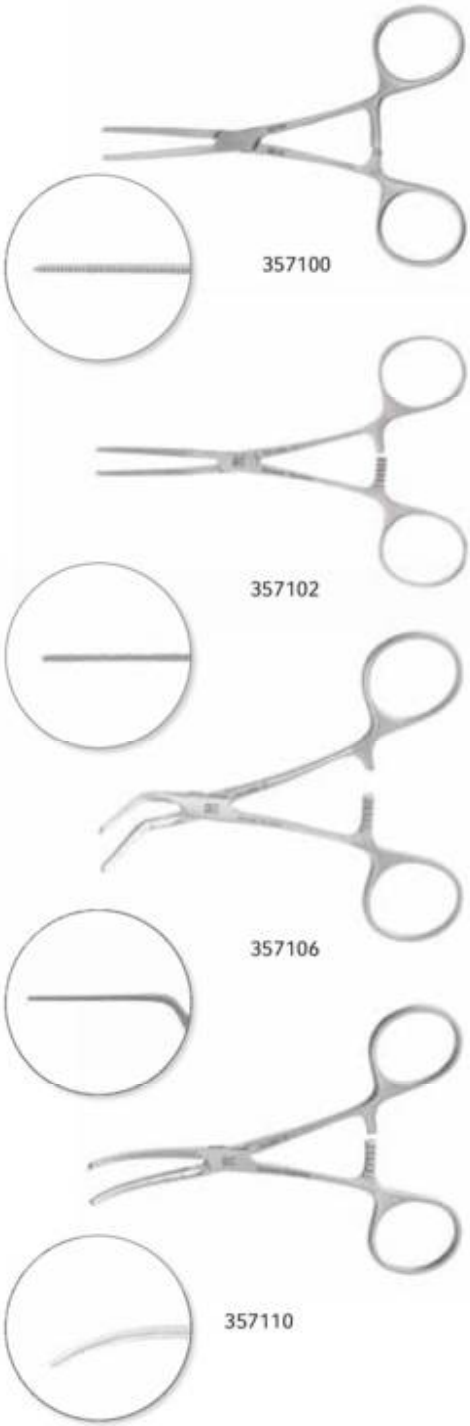


CATALOG #	DESCRIPTION
354428	Straight, 6-3/8" (16 cm)
354430	Angled shank, 6-1/4" (16 cm)
354432	Jaw angled 15 degrees, 6-1/2" (16.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, 1 mm Jaw

PILLING® SHORT 1 MM PEDIATRIC CLAMPS

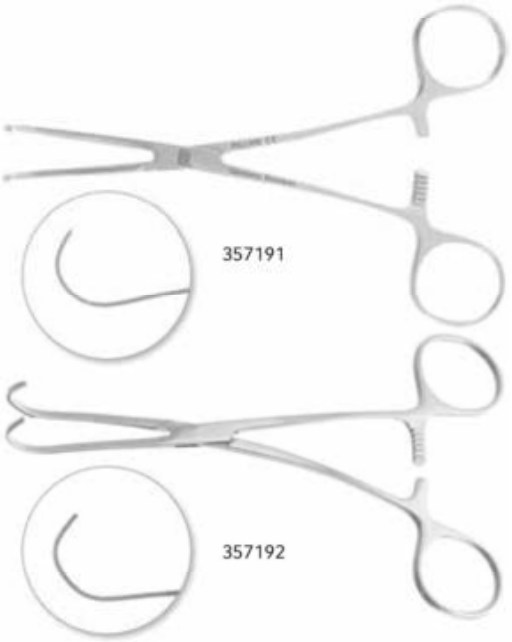


CATALOG #	DESCRIPTION
357100	Straight handles, 4-5/8" (12 cm)
357102	Straight handles, 4-1/2" (11.5 cm)
357106	Straight handles, 4" (10.5 cm)
357110	Straight handles, 4-1/2" (11.5 cm)

VASCULAR CLAMPS

Pediatric Clamps, 1 mm Jaw

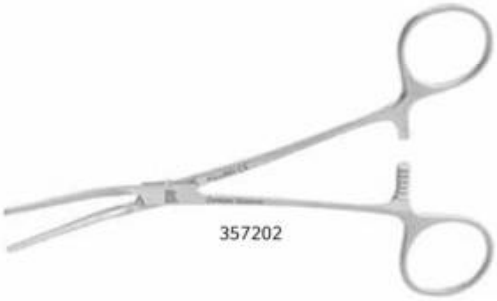
CASTANEDA PEDIATRIC CLAMPS



Versatile, multipurpose clamps designed for neonatal use. Long, slightly curved handles, 1 x 6 ratchets.

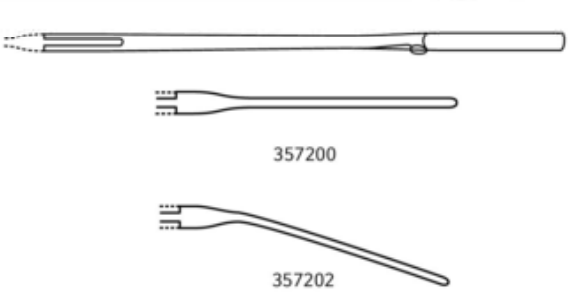
CATALOG #	DESCRIPTION
357191	Long, small jaw, 1 mm thick, 9/16" (1.5 cm), spring handle, 1 x 6 ratchets, 6" (15 cm)
357192	Long, large jaw, 1 mm thick, 3/4" (2 cm), spring handle, 1 x 6 ratchets, 6" (15 cm)

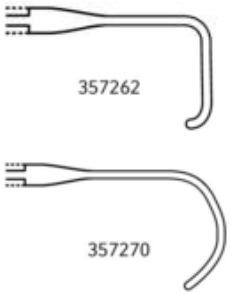
PILLING® LONG 1 MM PEDIATRIC CLAMPS



To determine the overall length of our vascular clamps, measure the handle type and the jaw type and add measurements together to obtain the overall size. Blades are scribed from the tips in 5 cm graduations.

CATALOG #	DESCRIPTION
357200	Straight handles, 6-1/8" (15.5 cm)
357202	Straight handles, 6-1/8" (15.5 cm)
357262	Angled handles, 5-5/8" (14.5 cm)
357270	Angled handles, 5-7/8" (15 cm)





VASCULAR CLAMPS

Types of Jaws Used in Pilling® Cardiovascular Clamps

JAW CROSS SECTIONS

Relative Size | Enlargement

DeBakey®–type

A single row of serrated teeth opposing a double row. The most commonly used jaw design (and most imitated). Proven through many years' use at hospitals throughout the world on adult peripheral vascular, aortic occlusion and partial occlusion clamps.

Small DeBakey®–type

A small version of the DeBakey®–type Jaws used on most bulldogs, vascular tissue forceps and numerous pediatric clamps.

Extra Fine DeBakey®–type

The smallest size DeBakey®–type Jaws used on many new pediatric and adult peripheral vascular clamps, bulldogs and forceps.

DeBakey®–type 2 x 3

Double row of serrated teeth opposing a triple row. This modified version of the DeBakey®–type Serration, having a broader clamping surface, is used on large clamps for aortic cross clamping and on diseased and calcified arteries. Clamps with the 2 x 3 serration are also used frequently in general surgery as bowel clamps.

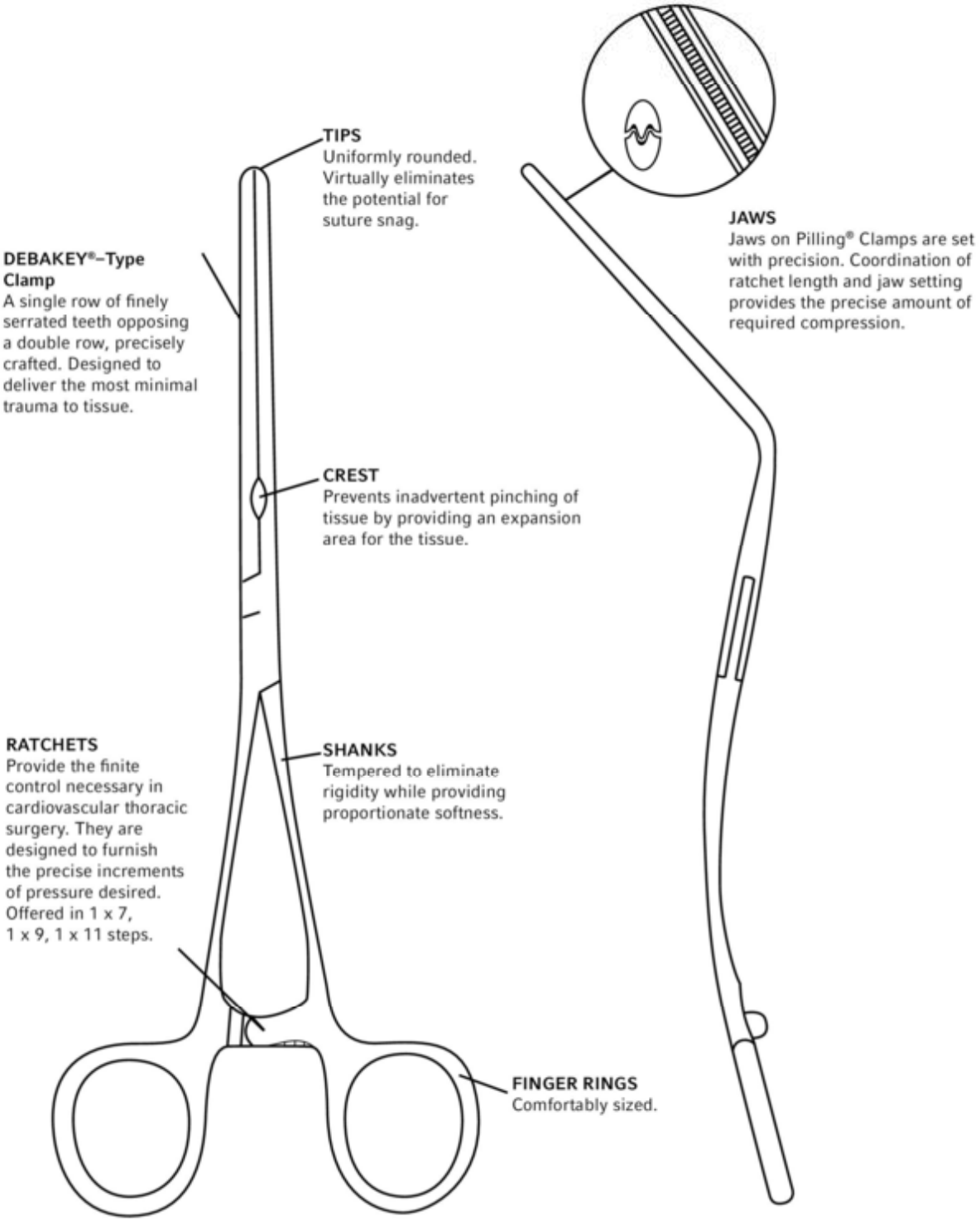
Cooley

Two opposing rows of atraumatic teeth. Designed especially for surgery on infants and children as the jaws grasp vessels firmly. Also available on a limited group of adult vascular clamps.

Pediatric, 1 mm

Narrow, single row of opposing teeth. Designed for neonatal vascular surgery, these clamps have also proven of value in adult surgery of the carotid femoral and popliteal arteries and for creating AV fistulas.

PILLING® VASCULAR CLAMPS



VASCULAR CLAMPS

Aortic Aneurysm Clamps

PILLING RATCHET LOCK

354320

CATALOG #	DESCRIPTION
354320	Slips on the ratchets of most standard size cardiac clamps. Prevents ratchet from accidentally becoming disengaged and from springing open.

Aortic Compressor

CONN AORTIC COMPRESSOR

351715

A simple device used to gain initial control of the proximal circulation in suspected or known rupture of abdominal aortic aneurysms. Designed to allow surgeon additional time to dissect and cross clamp aorta.

CATALOG #	DESCRIPTION
351715	Compressor head 3-1/8" (8 cm) wide, overall length 15-1/2" (39.5 cm)

BAINBRIDGE Forceps, Longitudinal Serrations

105-300	6" (15.2cm), straight
105-304	7 1/4" (18.4cm), straight
105-302	6" (15.2cm), curved
105-306	7 1/4" (18.4cm), curved

BAINBRIDGE Forceps, DeBakey Serrations

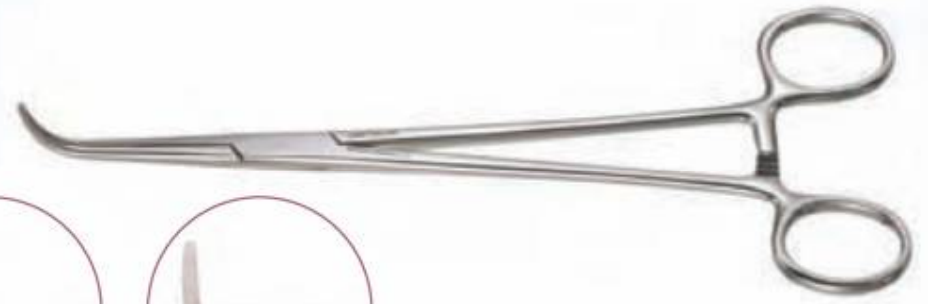
320-228	7 7/8" (20cm), straight, delicate, 6cm jaws
320-229	7 1/4" (18.4cm), curved, delicate, 6cm jaws

COLLER Forceps, 9 1/2" (24.1cm), Full Horizontal Serrations

105-330	Slight curve
105-331	Strong curve
105-332	Right angle

STOREY Forceps 8 3/4" (22.2mm), Cross Serrations

105-340	Slight curve
105-341	Strong curve
105-342	Right angle



JARIT Vascular Forceps, Serrated Jaws

320-630	5 1/2" (14cm), straight
320-635	6 1/2" (16.5cm), straight
320-640	7 1/4" (18.4cm), straight
320-631	5 1/2" (14cm), curved
320-636	6 1/2" (16.5cm), curved
320-641	7 1/4" (18.4cm), curved
320-632	5 1/3" (13.5cm), full curve
320-637	6 1/4" (15.9cm), full curve
320-642	7" (17.8cm), full curve
320-633	5 1/2" (14cm), straight, 1x2 teeth
320-638	6 3/8" (16.2cm), straight, 1x2 teeth
320-643	7" (17.8cm), straight, 1x2 teeth
320-634	5 1/2" (14cm), curved, 1x2 teeth
320-639	6 3/8" (16.2cm), curved, 1x2 teeth
320-644	7" (17.8cm), curved, 1x2 teeth

BAILEY Forceps, Very Fine Jaw, 7" (17.8cm), Full Jaw Serrations

320-650	30° angle
320-651	60° angle
320-652	90° angle

BABCOCK Tissue Forceps

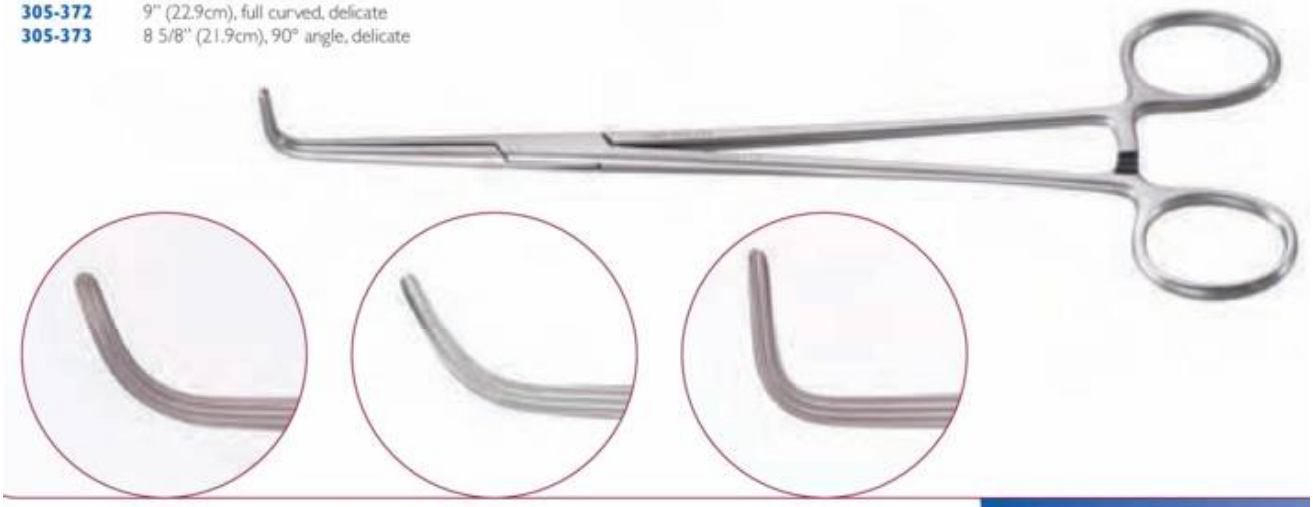
135-181	6 1/4" (15.9cm), jaw width 7.5mm
135-185	7 1/4" (18.4cm), jaw width 11mm
135-190	8" (20.3cm), jaw width 11mm
135-195	9 1/2" (24.1cm), jaw width 11mm
135-196	12" (30.5cm), jaw width 11mm
135-194	14" (35.6cm), jaw width 11.3mm

LAHEY Gall Duct Forceps

140-205	7 1/2" (19.1cm)
140-206	7 1/2" (19.1cm), delicate
140-228	7 1/2" (19.1cm), cross serrated tips

LAHEY Thoracic Forceps

305-370	9" (22.9cm), full curved
305-372	9" (22.9cm), full curved, delicate
305-373	8 5/8" (21.9cm), 90° angle, delicate



DIETRICH Clamps, Right Angle

140-232	4 3/4" (12.1cm)
140-233	5 5/8" (14.3cm)
140-234	7" (17.8cm)

GEMINI Clamps

140-329	5 1/2" (14cm)
140-330	7" (17.8cm)
140-331	8" (20.3cm)
140-332	9" (22.9cm)
140-333	11" (27.9cm)
140-335	14" (35.6cm)

PENNINGTON Tissue Forceps

305-200	8" (20.3cm), jaw width 7/16" (11mm)

COLLINS Tissue Forceps

305-205	9" (22.9cm), jaw width 1" (2.5cm)

DUVAL Lung Forceps

305-210	8" (20.3cm), jaw width 1" (2.5cm)
305-215	9" (22.9cm), jaw width 1" (2.5cm)

LOVELACE Lung Forceps

305-220	7 1/4" (18.4cm), jaw width 1" (2.5cm)

ALLIS-WILLAUER Tissue Forceps, 5 x 6 teeth

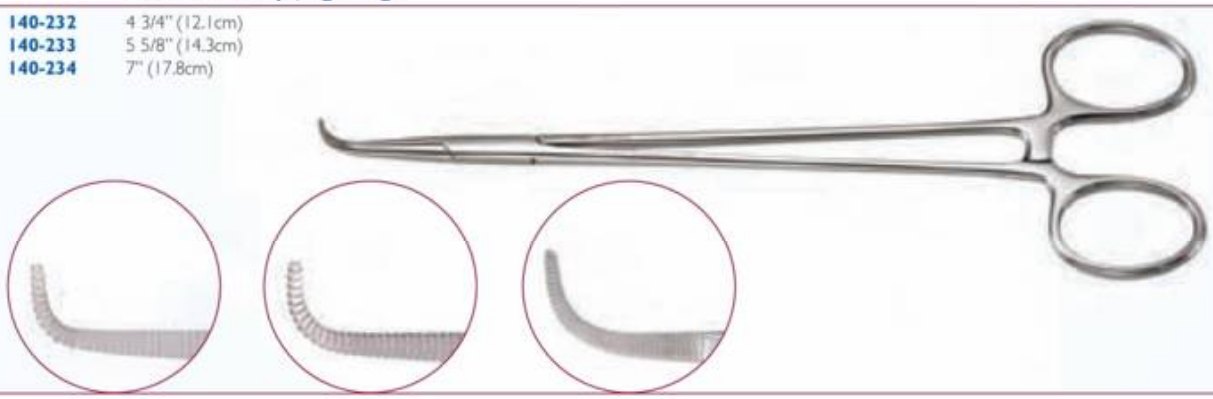
305-230	10" (25.4cm)
305-231	11 1/4" (28.6cm)
305-233	14" (35.6cm)

KANTROWITZ Thoracic Forceps

305-294	6" (15.2cm)
305-295	7 1/2" (19.1cm)
305-296	9 1/2" (24.1cm)
305-297	10 1/2" (26.7cm)

DIETRICH Clamps, Right Angle

140-232	4 3/4" (12.1cm)
140-233	5 5/8" (14.3cm)
140-234	7" (17.8cm)



MEEKER Forceps, Right Angle, Delicate Tip

140-231	7" (17.8cm)
305-300	11" (27.9cm)

JONES Thoracic Clamp

305-431	9" (22.9cm)

LAWRENCE Forceps, Strong Curve

305-305	7 1/4" (18.4cm)
305-306	11" (27.9cm)

BRIDGE Forceps

305-308	7 1/2" (19.1cm), curved
305-309	11" (27.9cm), straight
305-310	11" (27.9cm), curved

JULIAN Thoracic Artery Forceps

305-320	9 1/4" (23.5cm), slightly curved

WOODWARD Thoracic Artery Forceps

305-325	8 3/4" (22.2cm), slightly curved

JARIT Mosquito Forceps

305-330	7 1/4" (18.4cm), straight
305-332	7 1/4" (18.4cm), curved
305-337	9 1/4" (23.5cm), curved

MIXTER Forceps, Pediatric

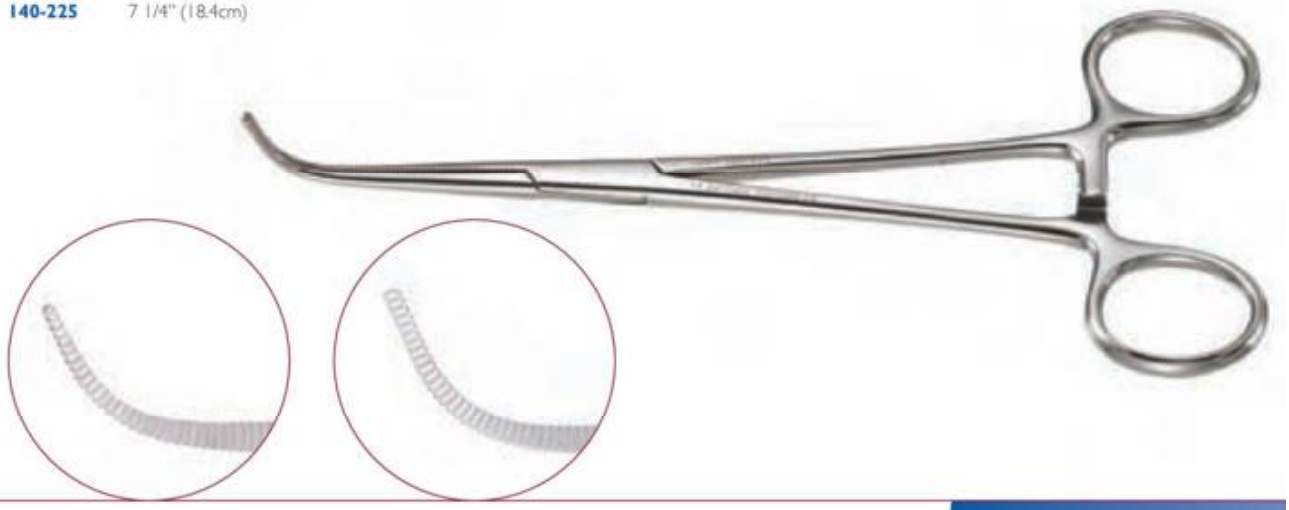
140-216	5 1/4" (13.3cm), curved
140-217	5 1/4" (13.3cm), right angle

MIXTER Forceps, Petit-Point, Right Angle

140-218	5 1/4" (13.3cm), partial jaw serrations
140-223	7 1/4" (18.4cm), full jaw serrations

MIXTER Forceps, Full Horizontal Serrations

140-224	6 1/2" (16.5cm)
140-225	7 1/4" (18.4cm)



MIXTER Forceps, Partial Horizontal Serrations

140-226	8 1/4" (21cm)
140-230	9" (22.9cm)

MIXTER Forceps, Delicate, Longitudinal Serrations, Cross-Serrated Tip

305-388	8 1/2" (21.6cm)
305-389	10 1/2" (26.7cm)

MIXTER Forceps

305-380	10 1/2" (26.7cm), longitudinal serrations, full curve
305-386	10 3/4" (27.3cm), horizontal serrations
305-385	10 3/4" (27.3cm), longitudinal serrations, cross-serrated tip

ADSON Hemostatic Forceps, Fine Tips

285-105	7 1/2" (19.1cm), straight
285-103	8 1/2" (21.6cm), straight
285-106	7 1/2" (19.1cm), curved
285-104	8 1/2" (21.6cm), curved

SCHNIDT Tonsil Forceps, 1/2 Jaw Serrations

450-310	7 1/2" (19.1cm) half curved, closed rings

HEISS Artery Forceps, 8" (20.3cm)

305-350	Straight
305-351	Half curved
305-352	Full curved

VANDERBILT UNIVERSITY Vessel Clamp

305-355	8 3/4" (22.2cm)

BENGOI EA Forceps

305-359	8 1/2" (21.6cm)

JARITCRAFOORD (COLLER) Forceps

305-360	7 1/4" (18.4cm)
305-362	9 1/2" (24.1cm)

SAROT Artery Forceps

305-363	7 3/4" (19.7cm)
305-365	9 1/2" (24.1cm)
305-366	14" (35.6cm)

DeBAKEY-COLLIER Artery Forceps

305-367	8" (20.3cm), horizontal serrations
305-369	14" (35.6cm), horizontal serrations

HARRINGTON Forceps, Right Angled

305-390	11 1/2" (29.2cm), heavy
305-395	12 1/2" (31.8cm)
305-396	14" (35.6cm), light

CARMALT Forceps, Cross-Serrated Tips

305-368	10" (25.4cm), jaw length 2" (4.9cm)
305-369	12" (30.5cm), jaw length 2 3/4" (7cm)

ROCHESTER-PEAN Forceps

305-398	12" (30.5cm), jaw length 3 1/2" (8.9cm)
305-399	14" (35.6cm), jaw length 4 1/3" (10.9cm)

RUMEL Dissecting Forceps, 9" (22.9cm)

305-400	"A" curve
305-401	"B" curve
305-402	"C" curve
305-403	"D" curve

DeBAKEY-SEMB Ligature Carrier

320-274	9 7/8" (25cm), jaw length 2 1/4" (5.7cm), length of serrations 5/8" (1.5cm)

SEMB Ligature Carrying Forceps

305-441	9" (22.9cm)

DeBAKEY Thoracic Dissecting Forceps

305-405	8 1/4" (21cm), "C" curve
305-406	8 1/4" (21cm), "D" curve
305-407	8 3/4" (22.2cm), "C" curve
305-408	8 1/4" (21cm), "D" curve

PETIT-POINT Mosquito Forceps

105-090	3 7/8" (9.8cm), straight
105-095	4 3/4" (12.1cm), straight
105-098	6" (15.2cm), straight
285-107	7 1/8" (18.1cm), straight
105-091	3 7/8" (9.8cm), curved
105-096	4 3/4" (12.1cm), curved
105-099	6" (15.2cm), curved
285-108	7 1/8" (18.1cm), curved

JACOBSON Hemostatic Forceps, Very Delicate, Serrated Jaws, 7 1/2" (18.1cm)

105-092	Slightly curved
105-093	Fully curved

OCHSNER Forceps, Partial Jaw Serrations

105-235	4 1/2" (11.4cm), serrated jaws, 90° angle, very fine tips

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

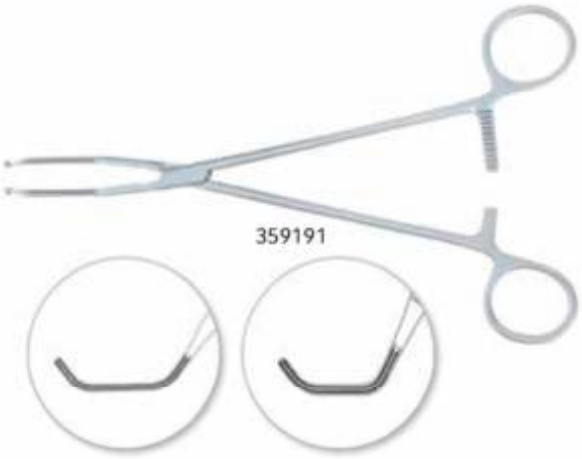
Vascular Clamps

RENAL ARTERY TITANIUM VASCULAR CLAMP

359238

CATALOG #	DESCRIPTION
359238	Curved jaws, 7-1/2" (19 cm)

SATINSKY TITANIUM VASCULAR CLAMPS



359191

359191 359193

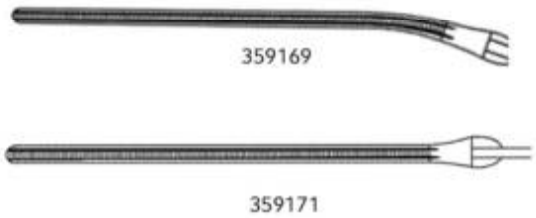
CATALOG #	DESCRIPTION
359191	Vena cava clamp with 30 mm operational DeBakey® Jaw length, 9-5/8" (24.5 cm)
359193	Vena cava clamp with 20 mm operational DeBakey® Jaw length, 9-1/2" (24 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

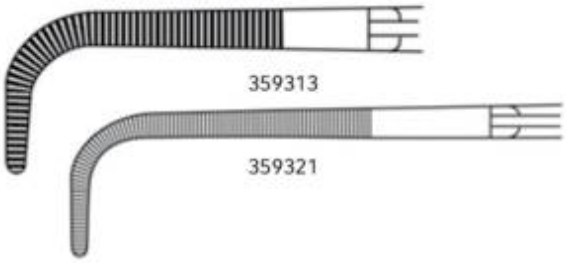
Vascular Clamps

LELAND-JONES TITANIUM VASCULAR CLAMPS

CATALOG #	DESCRIPTION
359169	30 degree angled DeBakey® Jaws, 7-1/2" (19 cm)
359170	15 degree angled DeBakey® Jaws, 7-7/8" (20 cm)
359171	Straight, DeBakey® Jaw, 8-1/4" (21 cm)



O'SHAUGHNESSY TITANIUM CLAMPING FORCEPS



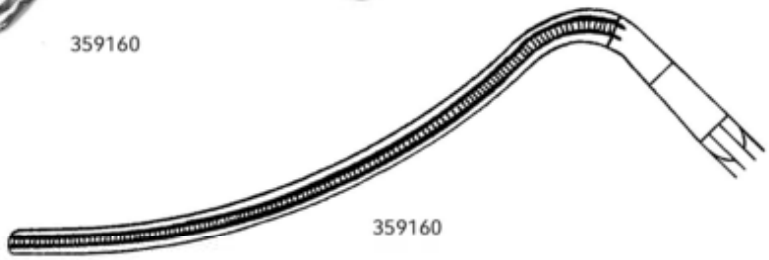
CATALOG #	DESCRIPTION
359313	Strong curve, serrated jaw, 8-1/4" (21 cm)
359321	Strong curve, serrated jaw, 9-5/8" (24.5 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Vascular Clamps

HUFNAGEL TITANIUM VASCULAR CLAMP

CATALOG #	DESCRIPTION
359160	Curved DeBakey® Jaw, 8-5/8" (22 cm)



KAY TITANIUM VASCULAR CLAMP

CATALOG #	DESCRIPTION
359152	Curved DeBakey® Jaws, 7-7/8" (20 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Vascular Clamps

GLOVER TITANIUM AURICULAR CLAMP

CATALOG #	DESCRIPTION
359194	Auricular handles with 30 mm operational jaw length, 10" (25 cm)

GLOVER TITANIUM COARCTATION VASCULAR CLAMPS

CATALOG #	DESCRIPTION
359138	Straight handles, DeBakey® Jaws, 8-5/8" (22 cm)
359139	Angled handles, DeBakey® Jaws, 8-5/8" (22 cm)

HEISS TITANIUM CLAMPING FORCEPS

CATALOG #	DESCRIPTION
359314	Angled handles, DeBakey® Jaws, 8-5/8" (22 cm)

TITANIUM INSTRUMENTS
FORCEPS AND CLAMPS
Vascular Clamps

DEBAKEY® TITANIUM VASCULAR CLAMPS

CATALOG #	DESCRIPTION
359159	70 degree angled jaw, 10-1/4" (26 cm)
359195	45 degree angled jaw, 10-1/2" (26.5 cm)
359181	60 degree angled jaw, 11-3/4" (30 cm)
359183	60 degree angled jaw, 9-3/8" (23.5 cm)
359184	60 degree angled jaw, 8-1/2" (21.5 cm)

DEBAKEY® TITANIUM VASCULAR CLAMPS

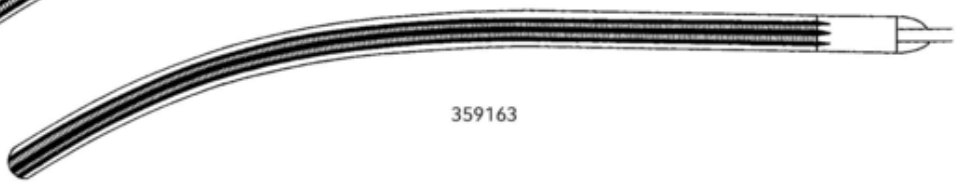
CATALOG #	DESCRIPTION
359173	Curved jaw, 7-7/8" (20 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Vascular Clamps

DEBAKEY® TITANIUM VASCULAR CLAMPS

CATALOG #	DESCRIPTION
359161	Aorta clamp, curved jaw, 11-1/8" (28.5 cm)
359162	Aorta clamp, curved jaw, 11-3/4" (30 cm)
359163	Aorta clamp, curved jaw, 12-5/8" (32 cm)
359185	Occlusion clamp with 50 mm operational jaw length, 10-3/4" (27 cm)
359186	Occlusion clamp with 40 mm operational jaw length, 10" (25 cm)
359187	Occlusion clamp with 30 mm operational jaw length, 10" (25 cm)
359188	Occlusion clamp with 25 mm operational jaw length, 9-1/2" (24 cm)



TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Pediatric Vascular Clamps

DERRA TITANIUM ANASTOMOSIS CLAMPS

CATALOG #	DESCRIPTION
359236	Curved jaws, 6-11/16" (17 cm)
359237	Curved jaws, 6-13/16" (17.5 cm)

Vascular Clamps

CRAFOORD TITANIUM CLAMPING FORCEPS

CATALOG #	DESCRIPTION
359325	Curved, serrated jaws, 9-1/2" (24 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Pediatric Vascular Clamps

COOLEY TITANIUM PEDIATRIC CLAMP

CATALOG #	DESCRIPTION
359221	Spoon-shaped for coarctation, 7-1/4" (18.5 cm)

DEBAKEY® TITANIUM PEDIATRIC CLAMPS

CATALOG #	DESCRIPTION
359354	Straight jaws, 4-3/8" (11 cm)
359355	60 degree angled jaws, 4" (10.5 cm)
359356	Anastomosis clamp with 9.5 mm angled operational jaw length, 3-7/8" (10 cm)
359357	Anastomosis clamp with 6 mm curved operational jaw length, 3-7/8" (9.5 cm)
359358	Anastomosis clamp with 16 mm operational jaw length, 4-1/8" (10.5 cm)

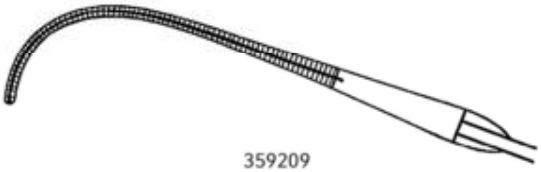
TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

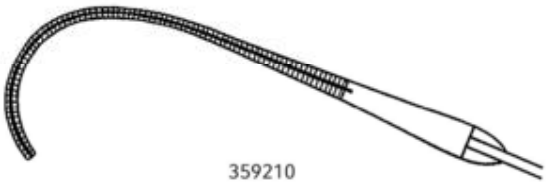
Pediatric Vascular Clamps

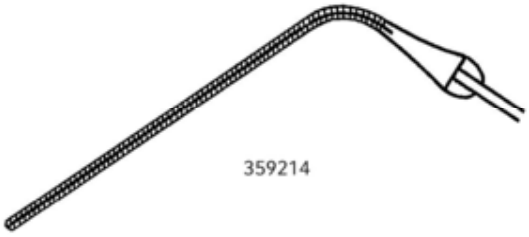
CASTANEDA TITANIUM VASCULAR CLAMPING FORCEPS

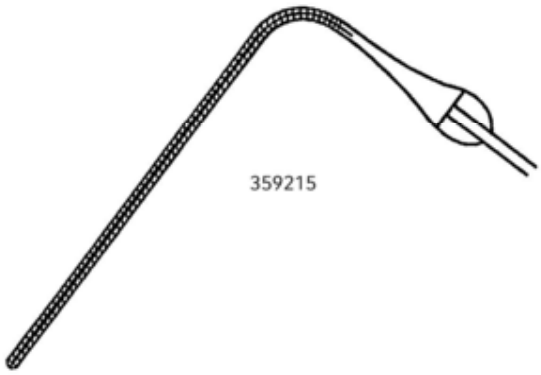
Clamping Forceps (15 g).

CATALOG #	DESCRIPTION
359209	Curved jaw, 6-1/2" (17 cm)
359210	Curved jaw, 6-3/8" (17 cm)
359211	Straight jaw, 6-5/8" (17 cm)
359212	30 degree angled jaw, 6-1/4" (16 cm)
359213	50 degree angled jaw, 6" (15 cm)
359214	70 degree angled jaw, 5-7/8" (15 cm)
359215	90 degree angled jaw, 5-3/8" (13.5 cm)









TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Pediatric Vascular Clamps

CASTANEDA TITANIUM VASCULAR CLAMPING FORCEPS

Clamping Forceps (10 g).

CATALOG #	DESCRIPTION
359201	Straight jaw, 5-1/8" (13 cm)
359206	Curved jaw, 4-3/4" (12 cm)
359208	Curved jaw, 6-1/2" (17 cm)

TITANIUM INSTRUMENTS
FORCEPS AND CLAMPS
Hemostatic Forceps

CRILE TITANIUM HEMOSTATIC FORCEPS

CATALOG #	DESCRIPTION
359307	Curved, serrated jaw, 5-5/8" (15 cm)

HALSTED TITANIUM HEMOSTATIC FORCEPS

CATALOG #	DESCRIPTION
359296	Curved, serrated jaws, 4-3/4" (12.5 cm)
359299	Delicate curved, serrated jaws, 4-3/4" (12.5 cm)

SCISSORS

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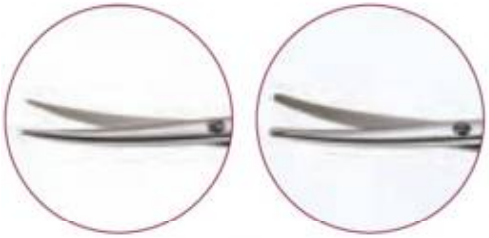
[illegible] ELLEI-BATTE Scissors, 7" (17.8cm)

100-240	Straight blades, blunt tips
100-241	Curved blades, blunt tips
100-242	Straight blades, sharp tips
100-243	Curved blades, sharp tips
100-244	Straight blades, tenotomy tips
100-245	Curved blades, tenotomy tips

[illegible] ELLEI-BATTE Scissors, 8" (33.8cm), ELLIBEBATTE

102-305	Curved blades, sharp tips
102-306	Curved blades, blunt tips
102-307	Curved blades, tenotomy tips



REYNOLDS Scissors, Narrow Tip, Curved

100-295	5 1/2" (14cm), plain edge, very narrow tips
100-296	5 1/2" (14cm), serrated edge, very narrow tips
100-297	7" (17.8cm), plain edge, narrow tips
100-298	7" (17.8cm), serrated edge, narrow tips

JAMISON-METZENBAUM Scissors, Narrow Tip, Curved

100-300	6" (15.2cm)
100-302	7" (17.8cm)
100-304	8" (20.3cm)
100-306	9" (22.9cm)

METZENBAUM (LAHEY) Scissors, CARB-EDGE

101-251	5 3/4" (14.6cm), curved

METZENBAUM Scissors, CARB-EDGE

101-258	7" (17.8cm), curved, blunt/blunt tips
101-259	7" (17.8cm), curved, delicate, sharp/sharp tips
101-260	7" (17.8cm), straight, delicate, blunt/blunt tips
101-261	7" (17.8cm), curved, delicate, blunt/blunt tips
101-265	8" (20.3cm), curved, blunt/blunt tips

DISSECTING Scissors, "Elastaci:" SLIBERSLIT

102-120	5 3/4" (14.6cm), curved
102-122	7" (17.8cm), curved
102-310	7" (17.8cm), curved, delicate
102-311	8" (20cm), curved, delicate
102-125	9" (22.9cm), curved
102-126	10" (25.4cm), curved
103-138	11" (27.9cm), curved
102-129	12" (30.5cm), curved
103-137	14" (35.6cm), curved
102-245	5" (12.7cm), curved

METZENBAUM (NELSON) Scissors

305-100	9" (22.9cm), straight
305-101	9" (22.9cm), curved
305-105	11" (27.9cm), straight
305-106	11" (27.9cm), curved
305-110	14 1/2" (36.8cm), curved

METZENBAUM (NELSON) Scissors, CARB-EDGE

101-266	9" (22.9cm), straight, blunt tips
101-267	9" (22.9cm), curved, blunt tips
101-275	9" (22.9cm), straight, delicate tips
101-276	9" (22.9cm), curved, delicate tips
101-278	9" (22.9cm), straight, sharp tips
101-279	9" (22.9cm), curved, sharp tips
101-268	10" (25.4cm), curved, blunt tips
101-270	11" (27.9cm), curved, blunt tips
101-333	12" (30.5cm), curved, blunt tips
101-256	14" (35.6cm), curved, blunt tips

DEMARTEL Vascular Scissors, Curved

310-302	6 7/8" (17.5cm), blunt tips
310-303	6 7/8" (17.5cm), sharp tips

JARIT Endarterectomy Scissors, SUPERCUT

102-315	6 3/4" (17.1cm), curved

JARIT Endarterectomy Scissors

310-330	6 3/4" (17.1cm), curved

DeBAKEY Endarterectomy Scissors

310-349	7" (17.8cm), full curve

REYNOLDS, Petit-Point Scissors, SUPERCUT

183-315 5" (12.7cm), curved, tenotomy tips

REYNOLDS, Petit-Point Scissors, CARB-EDGE

101-255 5" (12.7cm), curved, one blade serrated

JAMIESON Scissors, ELIBERFILT

102-300 5 1/2" (14cm), curved
102-302 7" (17.8cm), curved

JARIT DISSECTING Scissors, Tenotomy Tips, SUPERCUT

102-313	7" (17.8cm), curved

LINCOLN Scissors

310-369	6 3/4" (17.1cm), straight
310-370	6 3/4" (17.1cm), curved
310-367	10" (25.4cm), straight
310-368	10" (25.4cm), curved

MAYO Scissors, SUPERCUT

102-115	9" (22.9cm), straight
102-116	9" (22.9cm), curved
102-113	10" (25.4cm), straight
102-118	11" (27.9cm), curved
102-114	12" (30.5cm), straight

MAYO-HARRINGTON Scissors, CARB-EDGE

101-225	9" (22.9cm), straight
101-226	9" (22.9cm), curved
101-230	14" (35.6cm), straight
101-232	14" (35.6cm), curved

MAYO-HARRINGTON Scissors

305-140	9" (22.9cm), straight
305-141	9" (22.9cm), curved
305-145	11" (27.9cm), straight
305-146	11" (27.9cm), curved

JORGENSON Scissors

305-120	8 3/4" (22.2cm), curved

SATINSKY Scissors

310-300	9 3/4" (24.8cm), curved shanks, acutely curved tips

COOLEY Scissors

305-125	7 1/2" (19.1cm), curved

WILLAUER Scissors

305-130	10" (25.4cm), straight
305-131	10" (25.4cm), curved
305-135	12" (30.5cm), straight
305-136	12" (30.5cm), curved

POTTS-SMITH Dissecting Scissors, Curved

310-290	5 1/2" (14cm)
310-291	7 1/2" (19.1cm)
310-292	9" (22.9cm)

CHURCH Scissors, 7" (17.8cm)

310-375	Straight
310-376	Curved

MATTOX-POTTS Scissors

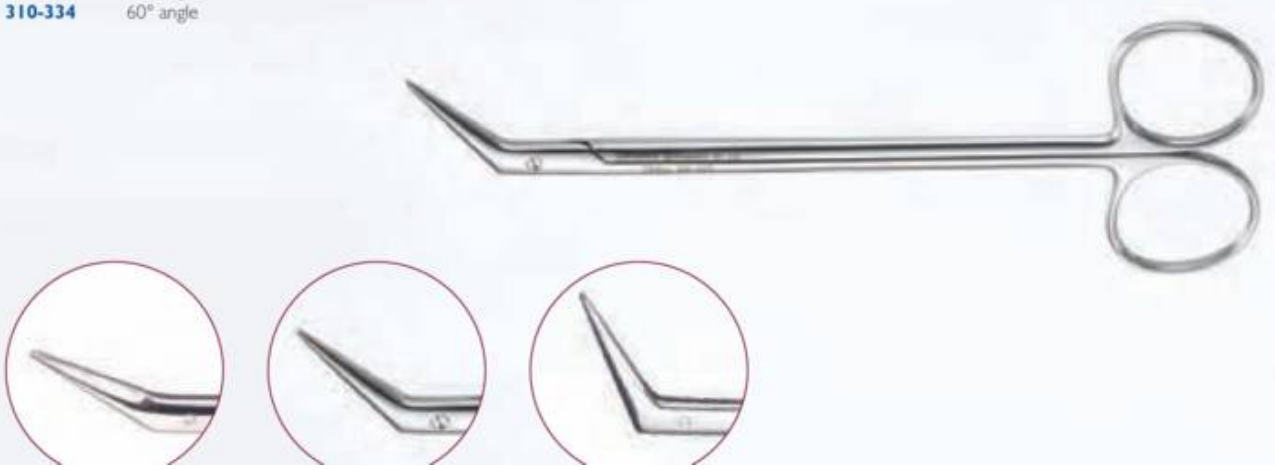
310-304	5 1/2" (14cm), 45° angle, 22mm blades

JARIT Peripheral Vascular Scissors, 5" (12.7cm), 16.5mm Blades

310-355	25° angle
310-356	45° angle
310-357	60° angle
310-358	90° angle

DeBAKEY-POTTS Scissors, 6 3/4" (17.1cm), 23mm Blades

310-332	25° angle
310-333	45° angle
310-334	60° angle



POTTS-SMITH Scissors, SUPERCUT, 7" (17.8cm), 21mm Blades

102-320	25° angle
102-321	45° angle
102-322	60° angle

POTTS-SMITH Scissors, 7" (17.8cm), 22mm Blades

310-310	25° angle
310-315	45° angle
310-320	60° angle

DeBAKEY Scissors, 23mm Blades

310-340	7" (17.8cm), 25° angle
310-341	7" (17.8cm), 45° angle
310-342	7" (17.8cm), 60° angle
310-343	9" (22.9cm), 25° angle
310-344	9" (22.9cm), 45° angle
310-345	9" (22.9cm), 60° angle

DIETRICH Coronary Artery Scissors, SUPERCUT, 7" (17.8cm), 13.5mm Blades

102-350	25° angle
102-351	45° angle
102-352	60° angle
102-353	90° angle
102-354	125° angle

DIETRICH Coronary Artery Scissors, 7" (17.8cm), 13mm Blades

310-350	25° angle
310-351	45° angle
310-352	60° angle
310-353	90° angle
310-354	125° angle

DIETRICH Coronary Artery Scissors, 7" (17.8cm), 14mm Blades

311-350	25° angle
311-351	45° angle
311-352	60° angle
311-353	90° angle
311-354	120° angle

DIETRICH Circumflex Artery Scissors, SUPERCUT, 7" (17.8cm), 13.5mm Blades

102-360 130° angle, with stabilizing bar

DIETRICH Circumflex Artery Scissors, 7" (17.8cm), 13.5mm Blades

310-360 130° angle, with stabilizing bar

FAVALORO Scissors, SUPERCUT, 6 3/4" (17.1cm), 13.5mm Blades

102-374 125° angle, curved shanks

FAVALARO Coronary Scissors, 6 3/4" (17.1cm), 13.5mm Blades

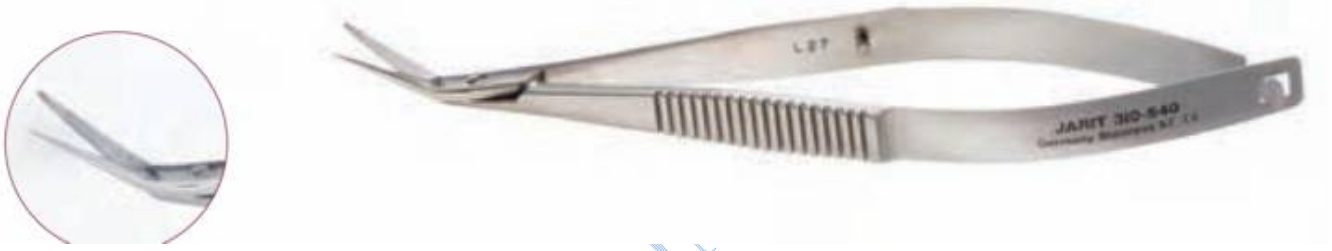
310-374 130° angle, curved shanks

KARMODY In-Situ Valve Scissors

310-535 6 1/4" (15.9cm) shaft, serrated blades, blunt tips

VALVE Leaflet Excision Scissors

310-540 4 1/4" (10.8cm), 45° angle up



PRIME SURGICAL

SCISSORS

Vascular and Cardiac Scissors

JACOBSON VASCULAR SCISSORS

CATALOG #	DESCRIPTION
357623	Curved, 12 mm blades, 7" (18 cm)

MICRO VASCULAR ANASTOMOSIS SCISSORS

Round handle, 8 mm diameter.

CATALOG #	DESCRIPTION
357651	Straight, 12 mm blades, 7-3/8" (19 cm)
357652	Curved, 12 mm blades, 7-1/4" (18.5 cm)

NEUROFEEL MICRO SCISSORS

Bayonet with flat handle. Delicate, 5 mm micro blades.

CATALOG #	DESCRIPTION
395115	Curved blade, 7-1/4" (18.5 cm)
395128	Straight blade, 8-1/4" (21 cm)

SCISSORS

Vascular and Cardiac Scissors

REVUELTA-GARCIA VALVE SCISSORS

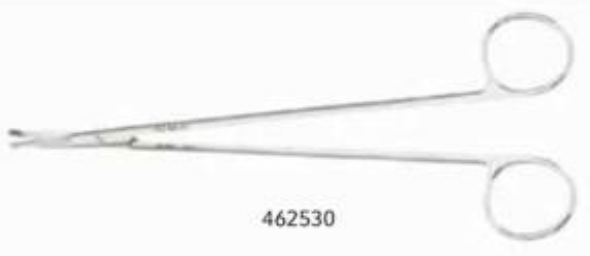
CATALOG #	DESCRIPTION
351745	Angled shanks, 10-7/8" (27.5 cm)

SATINSKY SCISSORS

For excision of a portion of the inferior vena cava prior to anastomosis with other vessels.

CATALOG #	DESCRIPTION
352295	9-3/4" (25 cm)

STRULLY PROBED TIP SCISSORS



CATALOG #	DESCRIPTION
462530	Curved, 25 mm blades, 8" (20.5 cm)

SCISSORS

Vascular and Cardiac Scissors

OFFSET METZENBAUM SCISSORS

CATALOG #	DESCRIPTION
32-0798K	9" (23 cm)
32-0799K	11" (28 cm)

POTTS SMITH DISSECTING SCISSORS

Curved, 48 mm blades.

CATALOG #	DESCRIPTION
640200	Curved, 7-1/2" (19 cm)
640205	Curved, 9-1/8" (23 cm)

POTTS TENOTOMY SCISSORS

CATALOG #	DESCRIPTION
640280	Curved, 29 mm blades, 6" (15 cm)

SCISSORS

Vascular and Cardiac Scissors

HAIMOVICI SCISSORS

A delicate, acutely curved scissors.

CATALOG #	DESCRIPTION
352297	5-1/4" (13.5 cm)
352298	10" (25.5 cm)

JAMISON-METZENBAUM TENOTOMY SCISSORS

The standard Metzenbaum-style Curved Blades have specially narrowed tenotomy-type distal tips.

CATALOG #	DESCRIPTION
342220	6" (15 cm)
342221	7" (18 cm)
342222	8" (20.5 cm)
342223	9" (23 cm)

SCISSORS

Vascular and Cardiac Scissors

DEBAKEY® VALVE SCISSORS

Heavy construction.

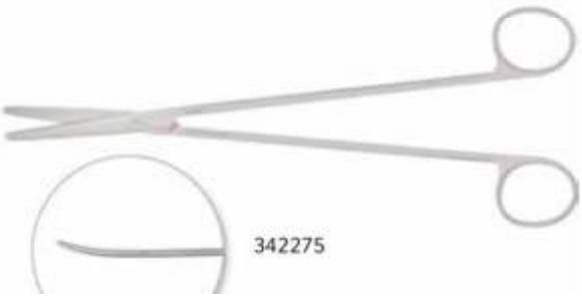
CATALOG #	DESCRIPTION
352199	Acutely curved, 7-3/4" (19.5 cm)

DEBAKEY®-METZENBAUM DISSECTING SCISSORS

Curved blades. These scissors are proportionately matched in weight.

CATALOG #	DESCRIPTION
342200	Curved, 5-7/8" (15 cm)
342201	Curved, 7" (18 cm)
342202	Curved, 8-1/8" (20.5 cm)
342203	Curved, 9-1/8" (23 cm)
342204	Curved, 10-1/4" (26 cm)
342206	Curved, 12-1/4" (31 cm)

FERGUSON LONG DISSECTING SCISSORS



Metzenbaum-type blades. Strong but delicate scissors with rounded tips useful in any deep dissection.

CATALOG #	DESCRIPTION
342275	10-1/4" (26 cm)

SCISSORS

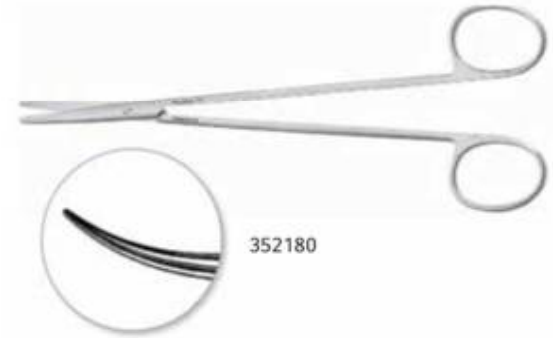
Vascular and Cardiac Scissors

BAKST CARDIAC SCISSORS

A finely balanced dissecting scissors that can be used interchangeably in all endothoracic dissections. Blades curved to side.

CATALOG #	DESCRIPTION
352232	Curved, 7" (18 cm)

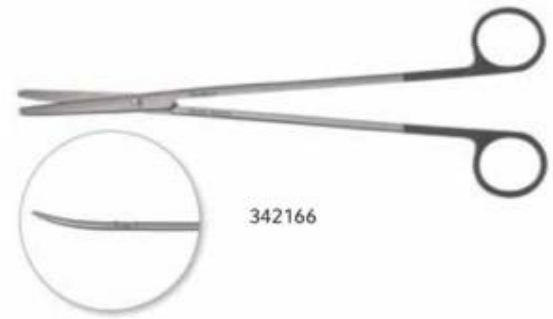
DEBAKEY® ENDARTERECTOMY SCISSORS



A specially made, round pattern scissors with blades that taper to blunt tips, tempered for proper rigidity and sharpness despite their light weight. Blades curved to side.

CATALOG #	DESCRIPTION
352180	Slightly curved, 7" (18 cm)
352181	Acutely curved, 6-7/8" (17.5 cm)
352183	Slightly curved, 7" (18 cm), TC
352184	Acutely curved, 7" (18 cm), TC

DEBAKEY® SCISSORS



Sturdy Metzenbaum-type scissors. Black rings for quick identification.

CATALOG #	DESCRIPTION
342160	Curved, 5-3/4" (14.5 cm), TC
342162	Curved, 7" (18 cm), TC
342166	Curved, 9-1/8" (23 cm), TC
342167	Curved, 10-1/4" (26 cm), TC
342168	Curved, 11-1/4" (28.5 cm), TC
342169	Curved, 12" (30.5 cm), TC

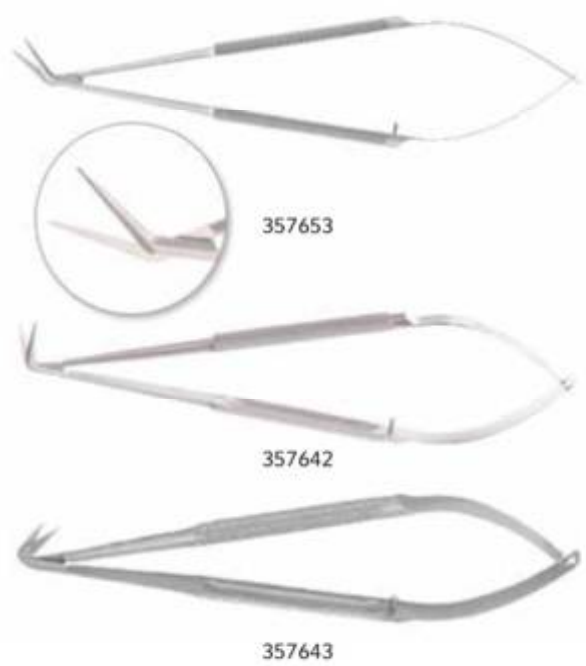
SCISSORS

Potts-Style Scissors

YASARGIL VASCULAR SCISSORS

CATALOG #	DESCRIPTION
357594	Bayonet, angled 45 degrees, 10 mm blades, 7-1/2" (19 cm)
357595	Bayonet, reverse angled 125 degrees, 12 mm blades, 7-1/4" (18.5 cm)
357622	Straight, 12 mm blades, 7" (18 cm)

YOU-POTTS VASCULAR SCISSORS



Narrow, thin blade and round spring handles designed for a more precise and controlled arteriotomy.

CATALOG #	DESCRIPTION
357653	Angled 45 degrees, 12 mm blades, 7-3/8" (18.5 cm)
357642	Angled 90 degrees, 14 mm blades, 7" (18 cm)
357643	Angled 120 degrees, 12 mm blades, 7" (18 cm). Designed for the circumflex artery.

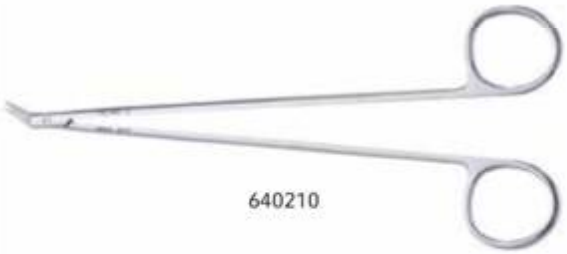
SCISSORS

Potts-Style Scissors

POTTS SMITH VASCULAR SCISSORS

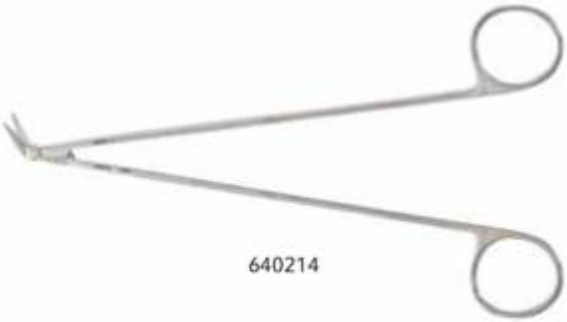
Standard, angled blades. Weck® Pattern, bright finish.

CATALOG #	DESCRIPTION
640210	Angled 25 degrees, 7" (18 cm)
640212	Angled 45 degrees, 7" (18 cm)
640214	Angled 60 degrees, 7" (18 cm)
640216	Angled 130 degrees, 6-3/4" (17 cm)
640225	Angled 25 degrees, 18 mm blades, 7-1/2" (19 cm)
640245	Angled 45 degrees, 18 mm blades, 7-1/4" (18.5 cm)
640260	Angled 60 degrees, 22 mm blades, 7" (18 cm)


640210

640212

640225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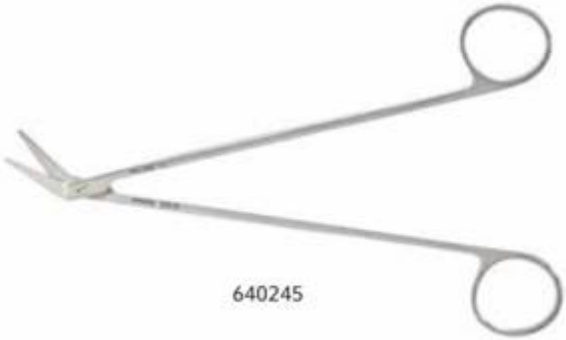
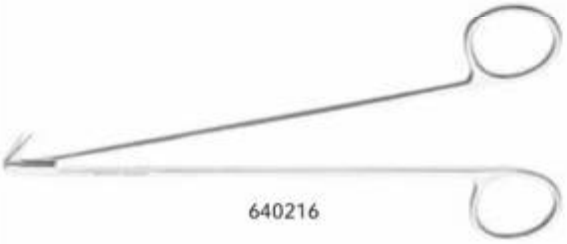

640245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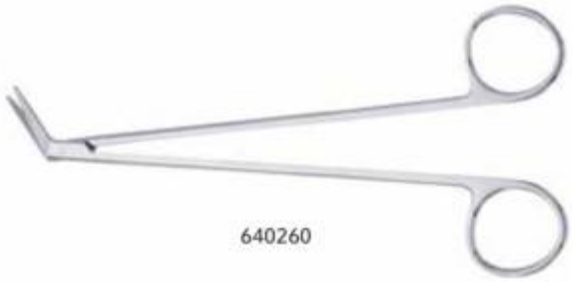

640260

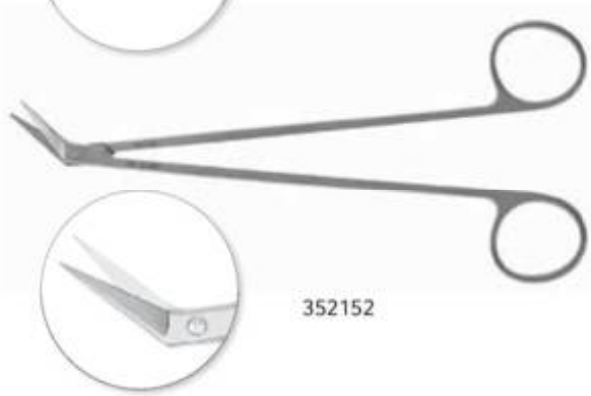
SCISSORS

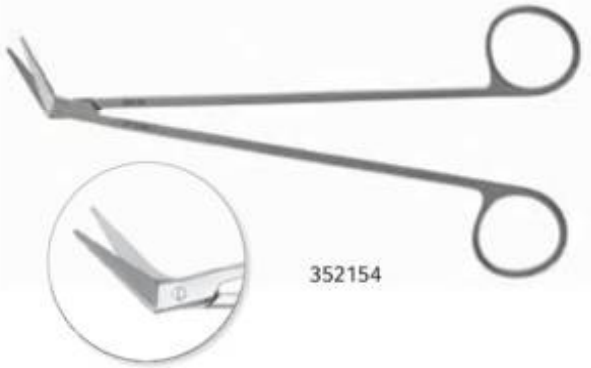
Potts-Style Scissors

POTTS SMITH SCISSORS

Angled to side. Pilling® Pattern, satin finish.

CATALOG #	DESCRIPTION
352150	Angled 25 degrees, 25 mm blades, 7-1/2" (19 cm)
352170	Angled 25 degrees, 19 mm blades, 7-1/2" (19 cm), TC
352152	Angled 45 degrees, 23 mm blades, 7-1/4" (18.5 cm)
352171	Angled 45 degrees, 19 mm blades, 7-1/4" (18.5 cm), TC
352154	Angled 60 degrees, 23 mm blades, 7" (18 cm)





SCISSORS

Potts-Style Scissors

MICRO VASCULAR SCISSORS

357690

357691

CATALOG #	DESCRIPTION
357690	Angled 45 degrees, 7 mm blades, 6-1/2" (16.5 cm)
357691	Angled 120 degrees, 7 mm blades, 6-1/2" (16.5 cm)

POTTS SCISSORS

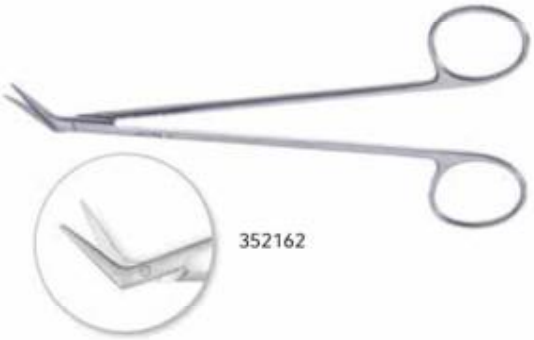
352140

CATALOG #	DESCRIPTION
352140	Angled 60 degrees, 25 mm blades, 3-3/4" (9.5 cm)

SCISSORS

Potts-Style Scissors

DIETHRICH DELICATE ANGLED CORONARY SCISSORS

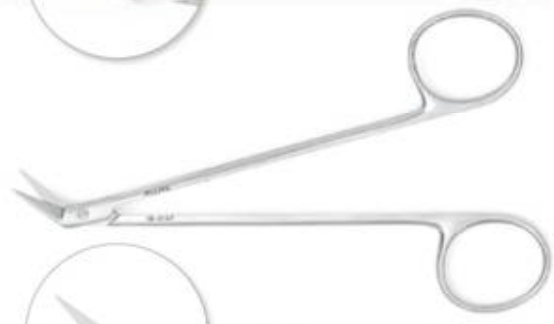


CATALOG #	DESCRIPTION
352162	Angled 45 degrees, 15 mm blades, 6-1/4" (16 cm)

DIETHRICH-POTTS VASCULAR SCISSORS

Short blades, semi-sharp tips.

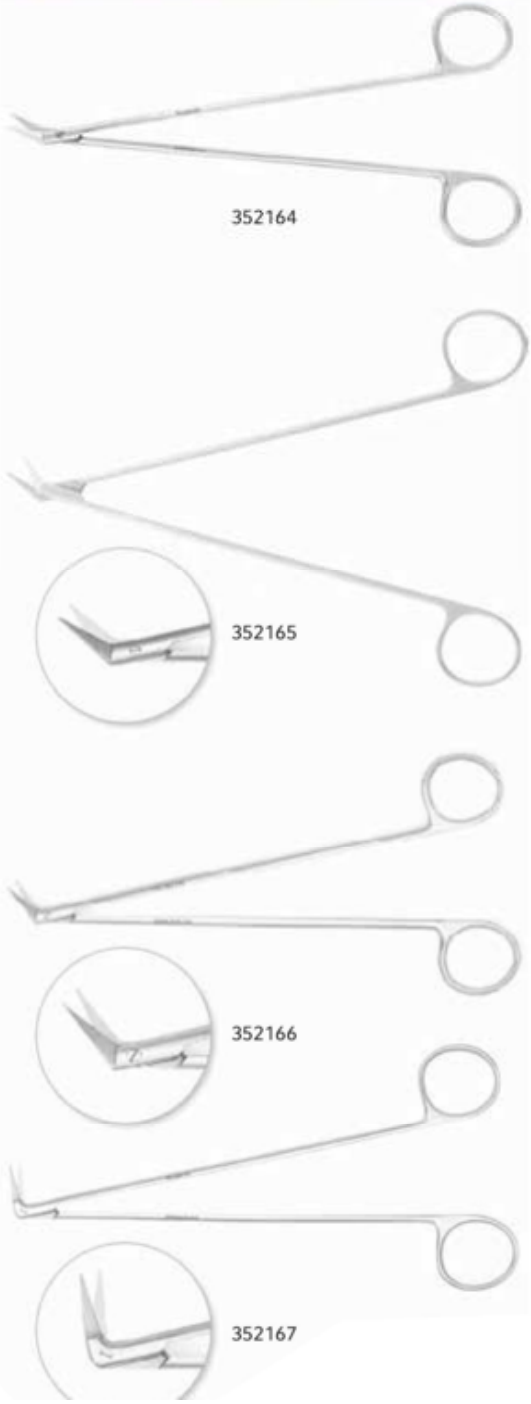
CATALOG #	DESCRIPTION
352146	Angled 25 degrees, 15 mm blades, 5-1/2" (14 cm)
352147	Angled 45 degrees, 15 mm blades, 5-3/8" (13.5 cm)
352148	Angled 60 degrees, 5-1/4" (13.5 cm)
352149	Angled 90 degrees, 15 mm blades, 5" (12.5 cm)



SCISSORS

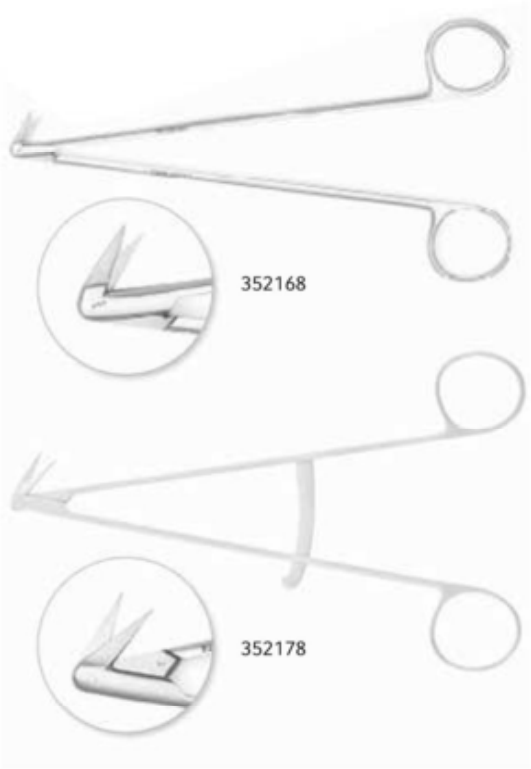
Potts-Style Scissors

PILLING® CORONARY POTTS SCISSORS



Designed for extending and tailoring coronary arteriotomies. Thin, narrow blades with microscopically blunt tips. Delicately tapered shanks. Available in 5 angles – 25, 45 and 60 degrees for L.A.D., and 90 and 120 degrees for less accessible sites on right and left circumflex.

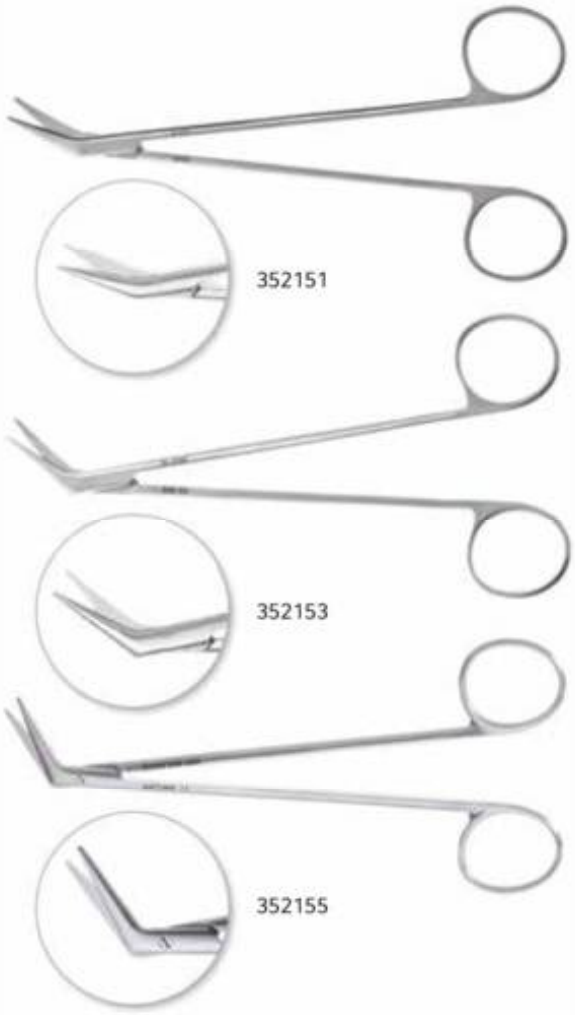
CATALOG #	DESCRIPTION
352164	Angled 25 degrees, 16 mm blades, 7-1/8" (18 cm)
352165	Angled 45 degrees, 16 mm blades, 7" (18 cm)
352166	Angled 60 degrees, 16 mm blades, 7" (18 cm)
352167	Angled 90 degrees, 15 mm blades, 6-3/4" (17 cm)
352168	Angled 120 degrees, 16 mm blades, 6-3/4" (17 cm)
352178	Angled 120 degrees, 13 mm blades, 7" (18 cm)



SCISSORS

Potts-Style Scissors

DEBAKEY®-POTTS SCISSORS



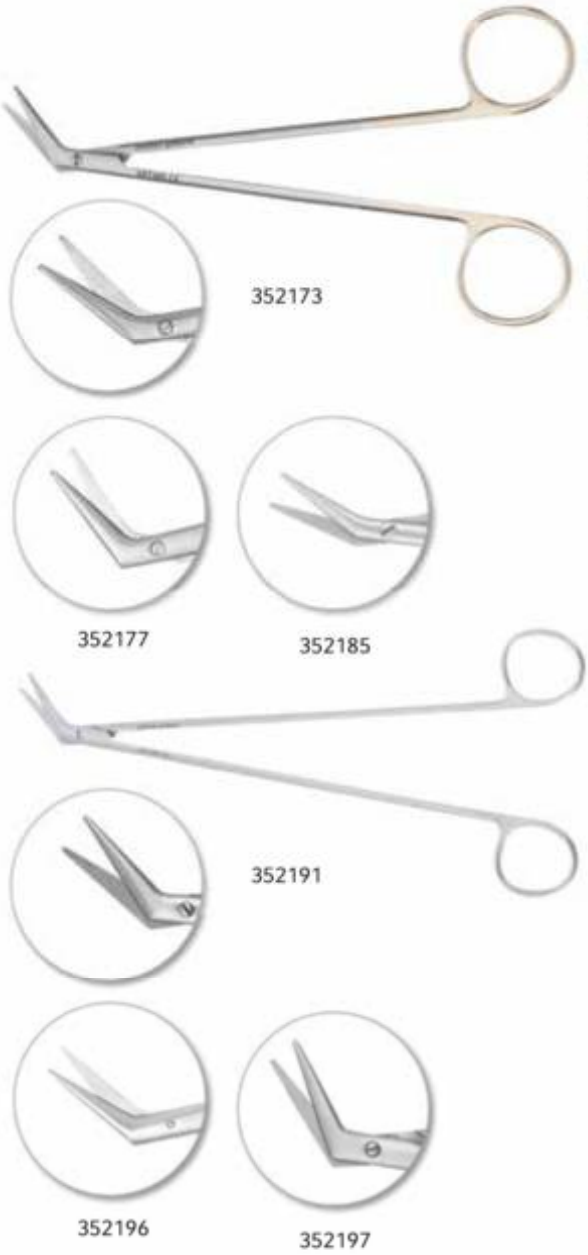
Angled to side. A delicate modification of the Potts Scissors supplied in various angles for use in coronary artery surgery.

CATALOG #	DESCRIPTION
352151	Angled 20 degrees, 23 mm blades, 6-5/8" (17 cm)
352153	Angled 45 degrees, 20 mm blades, 6-1/2" (16.5 cm)
352155	Angled 60 degrees, 23 mm blades, 6-1/4" (16 cm)

SCISSORS

Potts-Style Scissors

DEBAKEY® VASCULAR SCISSORS



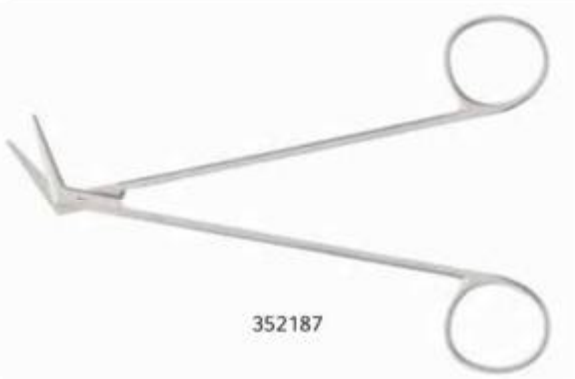
Angled to the side. A lightweight, round pattern scissors with blunted tip blades. Supplied in 3 angles.

CATALOG #	DESCRIPTION
352173	45 degrees, 25 mm blades, 6-1/2" (16.5 cm), TC
352174	60 degrees, 25 mm blades, 6-1/4" (16 cm), TC
352177	60 degrees, 25 mm blades, 8-5/8" (22 cm), TC
352185	25 degrees, 25 mm blades, 6-5/8" (17 cm)
352191	45 degrees, 25 mm blades, 8-7/8" (22.5 cm)
352196	45 degrees, 25 mm blades, 11-1/8" (28 cm)
352197	60 degrees, 32 mm blades, 10-7/8" (27.5 cm)

SCISSORS

Potts-Style Scissors

DEBAKEY® POTTS SCISSORS



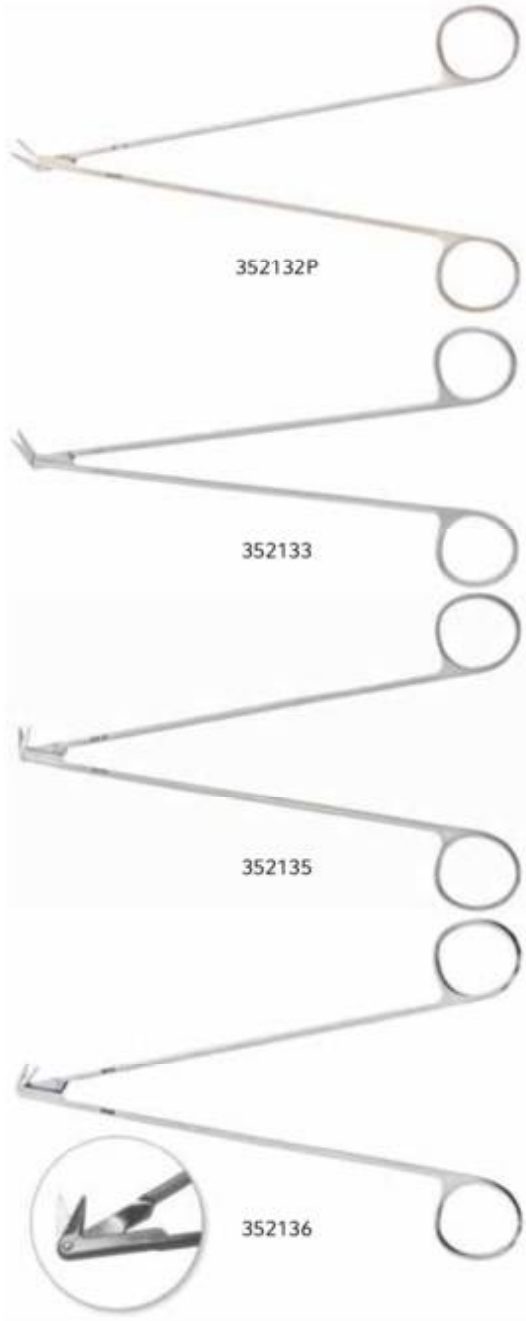
CATALOG #	DESCRIPTION
352187	Angled 60 degrees, 25 mm blades, 6-1/4" (16 cm)

PRIME SURGI

SCISSORS

Potts-Style Scissors

BEALL MICRO CORONARY SCISSORS



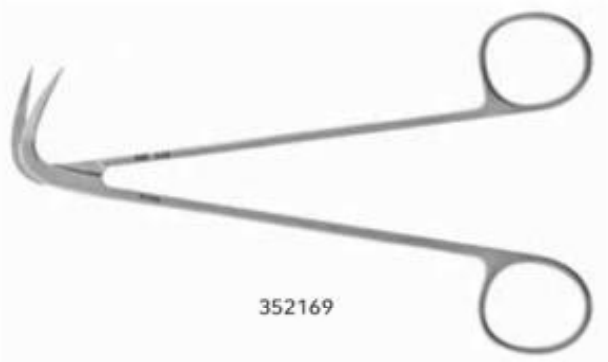
Delicately tapered shanks, thin narrow blades with micro blunt tips. Available in five angles. The 8-10 mm length blade is approximately 1/2 the length of common coronary artery scissors. This allows the surgeon to prepare smaller, more precise arteriotomy on the host coronary artery as an IMA grafting.

CATALOG #	DESCRIPTION
352132P	Angled 25 degrees, 8 mm blades, 7" (18 cm)
352133	Angled 45 degrees, 10 mm blades, 7" (18 cm)
352134	Angled 60 degrees, 10 mm blades, 6-7/8" (17.5 cm)
352135	Angled 90 degrees, 8 mm blades, 6-3/4" (17 cm)
352136	Angled 120 degrees, 10 mm blades, 6-3/4" (17 cm)

SCISSORS

Potts-Style Scissors

BEALL CIRCUMFLEX ARTERY SCISSORS



CATALOG #	DESCRIPTION
352169	Angled 110 degrees, delicate, 15 mm blades, 6" (15 cm)

PRIME SURGICAL

SCISSORS

Vascular and Cardiac Scissors

MCCLURE IRIS SCISSORS

Angled on flat for increased control and visibility.

CATALOG #	DESCRIPTION
352144	Angled on flat, 12 mm blades, 4-1/2" (11.5 cm)

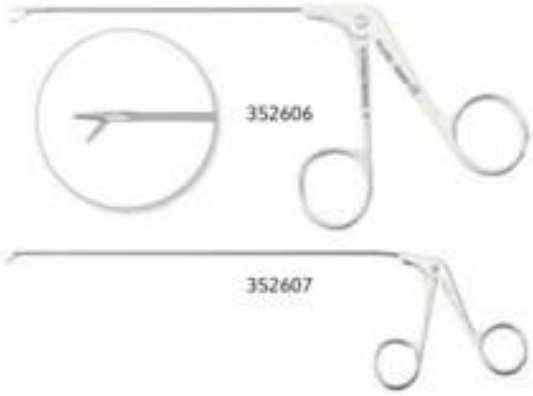
CASTROVIEJO SCISSORS

Spring handle for maximum control.

CATALOG #	DESCRIPTION
352145	Angled 45 degrees, 9 mm blades, 4-1/8" (10.5 cm)

Venous Valve

VENOUS VALVE SCISSORS



CATALOG #	DESCRIPTION
352606	4" (10 cm) scissors have ball tip to help minimize damage to the intima of the vein
352607	9-1/4" (23.5 cm)

NEEDLE HOLDER

TITANIUM INSTRUMENTS
NEEDLE HOLDERS
Ring Handle Needle Holders

INTRACARDIAC TITANIUM RING HANDLE NEEDLE HOLDER

CATALOG #	DESCRIPTION
359113P	1.8 mm jaw, 10" (25 cm), Diama-Grip

INTRACARDIAC TITANIUM RING HANDLE NEEDLE HOLDERS

Diama-Grip jaws.

CATALOG #	DESCRIPTION
359110	21 x 2 mm jaw, 7" (18.5 cm)
359111	24 x 2 mm jaw, 8" (20.5 cm)
359112	24 x 2 mm jaw, 8-5/8" (22 cm)

MAYO HEGAR TITANIUM RING HANDLE NEEDLE HOLDERS

1800 teeth per square inch.

CATALOG #	DESCRIPTION
359080	16 x 1.8 mm jaw, 7-1/8" (18 cm), TC
359082	16 x 1.8 mm jaw, 8-3/4" (22 cm), TC

TITANIUM INSTRUMENTS
NEEDLE HOLDERS
Ring Handle Needle Holders

DERF TITANIUM RING HANDLE NEEDLE HOLDER

4000 teeth per square inch.

CATALOG #	DESCRIPTION
359083	1.6 mm jaw, 4-1/2" (11.5 cm), TC

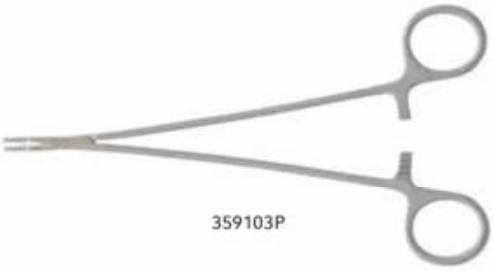
HALSEY TITANIUM RING HANDLE NEEDLE HOLDER

For suture sizes 4-0 to 6-0, 4000 teeth per square inch.

CATALOG #	DESCRIPTION
359085	15 x 1.5 mm jaw, 5" (12.5 cm), TC

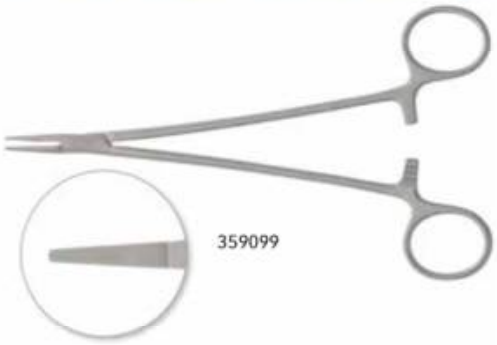
TITANIUM INSTRUMENTS
NEEDLE HOLDERS
Ring Handle Needle Holders

DEBAKEY® TITANIUM NEEDLE HOLDER



CATALOG #	DESCRIPTION
359103P	1.5 mm Diama-Grip jaw, 8" (20 cm)

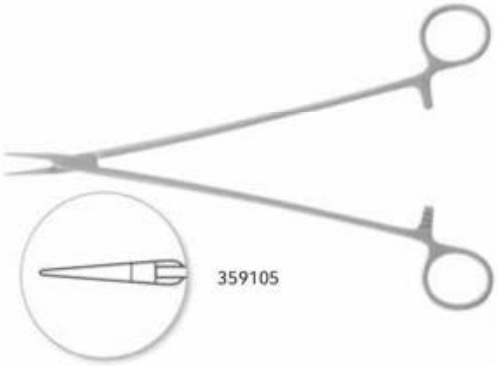
DEBAKEY® TITANIUM RING HANDLE NEEDLE HOLDERS



4000 teeth per square inch.

CATALOG #	DESCRIPTION
359381	1.5 mm jaw, 6-1/4" (16 cm), TC
359099	16 x 1.4 mm jaw, 8" (20.5 cm), TC

DEBAKEY® TITANIUM RING HANDLE NEEDLE HOLDERS



Diama-Grip jaws.

CATALOG #	DESCRIPTION
359102	1.6 mm jaw, 7" (18.5 cm)
359104	1.5 mm jaw, 8-5/8" (22 cm)
359105	1.6 mm jaw, 10" (25.5 cm)

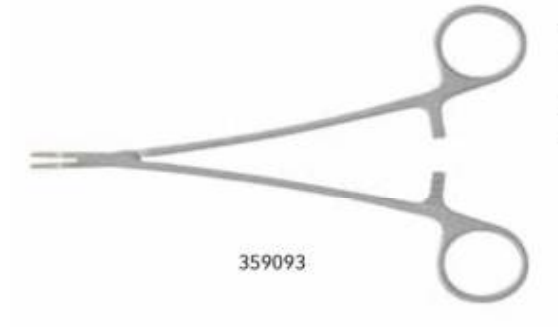
TITANIUM INSTRUMENTS
NEEDLE HOLDERS
Ring Handle Needle Holders

MICROVASCULAR TITANIUM RING HANDLE NEEDLE HOLDERS

Diama-Grip jaws.

CATALOG #	DESCRIPTION
359382	1.8 mm jaw, 6" (16 cm)
359118	1.8 mm jaw, 7-1/4" (18.5 cm)
359119	1.8 mm jaw, 8" (20.5 cm)

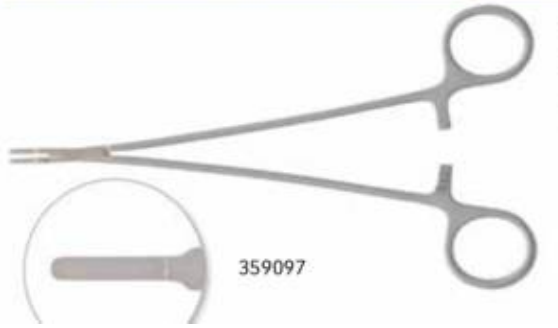
RYDER TITANIUM RING HANDLE NEEDLE HOLDERS



Diama-Grip jaws.

CATALOG #	DESCRIPTION
359092	10 x 1.4 mm jaw, 6" (16 cm)
359093	10 x 1.4 mm jaw, 6-3/4" (17 cm)

RYDER TITANIUM RING HANDLE NEEDLE HOLDERS



7000 teeth per square inch.

CATALOG #	DESCRIPTION
359097	8 x 1.6 mm jaw, 8" (19.5 cm), TC

WEBSTER Needle Holders, CARB-BITE Jaws

121-118	4 1/2" (11.4cm), smooth
121-118	4 1/2" (11.4cm), serrated, 3,600 teeth per square inch

CRILE-WOOD Needle Holders, 4,000 Teeth Per Square Inch, Straight, CARB-BITE Jaws

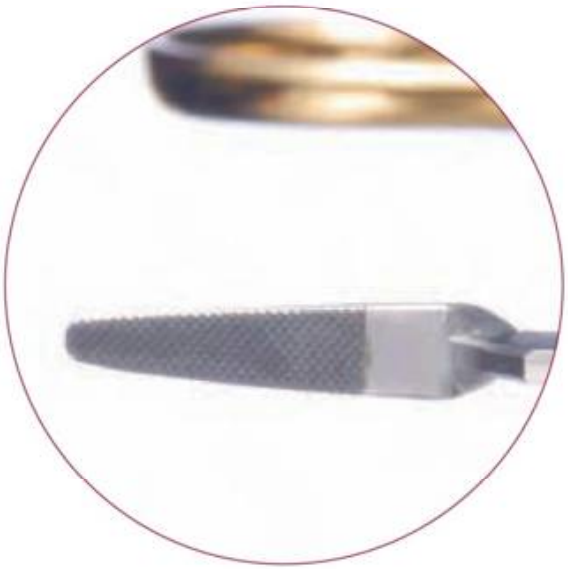
121-130	6" (15.2cm)
121-131	7" (17.8cm)
121-132	8" (20.3cm)
121-133	9" (22.8cm)
121-134	10 1/4" (26cm)
121-129	12" (30.5cm)
121-128	14" (35.6cm)

MAYO-HEGAR Needle Holders, 2,500 Teeth Per Square Inch, CARB-BITE Jaws

121-135	6" (15.2cm)
121-140	7" (17.8cm)
121-145	8" (20.3cm)
121-146	9" (22.8cm)
121-142	10" (25.4cm)
121-143	11" (27.9cm)
121-147	12" (30.5cm)
121-144	14" (35.6cm)

FELL Needle Holders, 15mm CARB-BITE Jaws, 2 mm Tips

121-270	4 3/4" (12.1cm)
121-271	6" (15cm)
121-272	7" (17.8 cm)
121-273	8" (20.3cm)
121-274	8 1/2" (21.6cm)



JULIAN Needle Holders, 4,000 Teeth Per Square Inch, CARB-BITE Jaws

121-206	8 1/4" (21cm), straight
121-207	8 1/4" (21cm), curved

DeBAKEY Vascular Needle Holders, 7,000 Teeth Per Square Inch, Extra Light, CARB-BITE Jaws

121-184	6" (15.2cm)
121-185	7" (17.8cm)
121-186	8" (20.3cm)
121-187	9" (22.8cm)
121-188	10 1/2" (26.7cm)
121-189	12" (30.5cm)

JARIT Vascular Needle Holders, 4,000 Teeth Per Square Inch, CARB-BITE, Slender Jaws

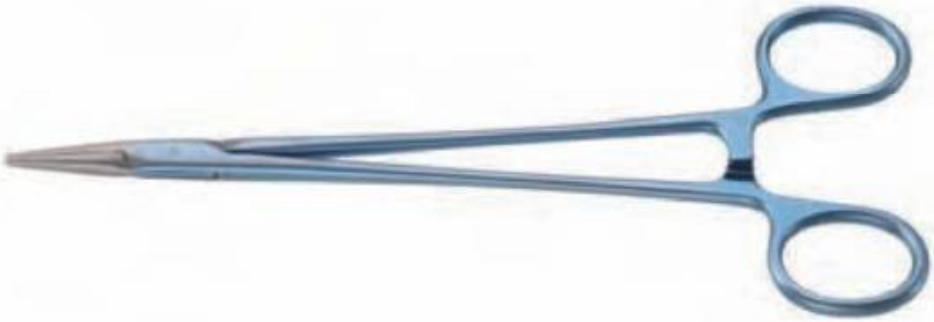
121-211	6" (15.2cm)
121-212	7" (17.8cm)
121-213	8" (20.3cm)
121-214	9" (22.8cm)
121-215	10" (25.4cm)

SORGT Needle Holders, CARB-BITE Jaws

121-197	6" (15.2cm), 4000 teeth per square inch, delicate
121-198	6 5/8" (16.8cm), 4000 teeth per square inch, delicate
121-200	7 1/8" (18.1cm), 2,500 teeth per square inch
121-205	10 1/8" (25.7cm), 2,500 teeth per square inch

MICROVASCULAR Needle Holders, Titanium, STARDUST, Straight

124-100TI	7 1/8" (18.1cm)
124-101TI	8 5/8" (21.9cm)
124-102TI	10" (25.4cm)



MASSON Needle Holder, CARB-BITE Jaws

121-180	10 1/2" (26.7cm), 2,500 teeth per square inch

STRATTE Valve Needle Holders, Double Curved, 2,500 Teeth Per Square Inch, CARB-BITE Jaws

121-195	9" (22.8cm)
121-196	10" (25.4cm), delicate tip

FINOCHETTO Needle Holder, Angled CARB-BITE Jaws

121-192 10 1/2" (26.7cm), 2,500 teeth per square inch

DeBAKEY Needle Holder, Extra Light CARB-BITE Jaws

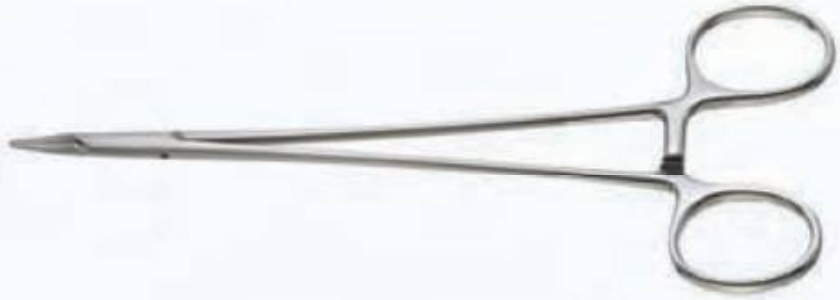
121-193 9" (22.8cm), curved, 4,000 teeth per square inch

MICRO Needle Holders, STARDUST, Curved, 1.2mm Tips

277-401	5" (12.7cm)
277-403	5 3/4" (14.6 cm)
277-406	6 1/4" (15.9cm)
277-409	7 1/4" (18.4cm)
277-413	8 3/4" (22.2cm)
277-415	10" (25.4cm)

"LOW-RYDER" Needle Holders, Straight, STARDUST, 1.2mm Tips

277-405	6 1/4" (15.9cm)
277-408	7 1/4" (18.4cm)
277-412	8 3/4" (22.2cm)



RICHARDS Micro Needle Holders, Titanium, STARDUST, Extra Fine, Straight, 1mm Tips

124-105TI	6 1/4" (15.9cm)
124-106TI	7" (17.8cm)

PETIT-POINT RYDER Needle Holders, 12 mm CARB-BITE Jaws, 1mm Tips

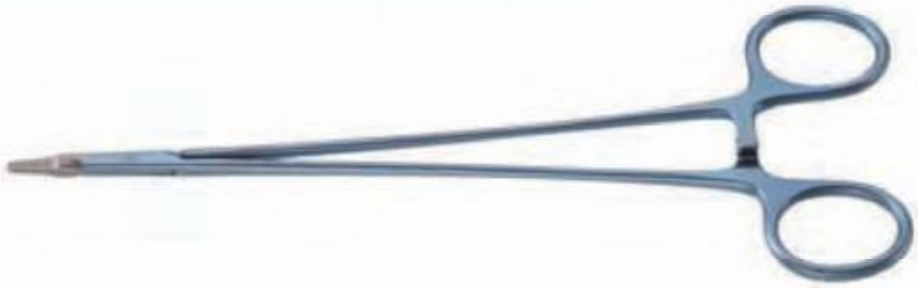
121-171	5" (12.7), smooth
121-173	6" (15.2cm), smooth
121-175	7" (17.8cm), smooth
121-179	8" (20.3cm), smooth
121-178	9" (22.8cm), smooth

PETIT-POINT RYDER Needle Holders, 4,000 Teeth Per Square Inch, 12mm CARB-BITE Jaws, 1mm Tips

121-170	5" (12.7), serrated
121-172	6" (15.2cm), serrated
121-174	7" (17.8cm), serrated
121-176	8" (20.3cm), serrated
121-177	9" (22.8cm), serrated

RYDER Needle Holders, Titanium, Straight, STARDUST, 1.65mm Tips

124-108TI	6" (15.2cm)
124-109TI	6 3/4" (17.1cm)
124-110TI	7 1/2" (19.1cm)



RYDER CARB-BITE Needle Holders, Titanium, Straight, 1.65mm Tips

121-161TI	6" (15.2cm)
121-162TI	6 3/4" (17.1cm)
121-163TI	7 1/2" (19.1cm)

HEINAGEL-RYDER Needle Holder, 12mm CARB-BITE Jaws, 1.65mm Tips

121-166	9" (22.8cm), 4,000 teeth per square inch

RYDER Needle Holders, 4,000 Teeth Per Square Inch, 15mm CARB-BITE Jaws, 1.65mm Tips

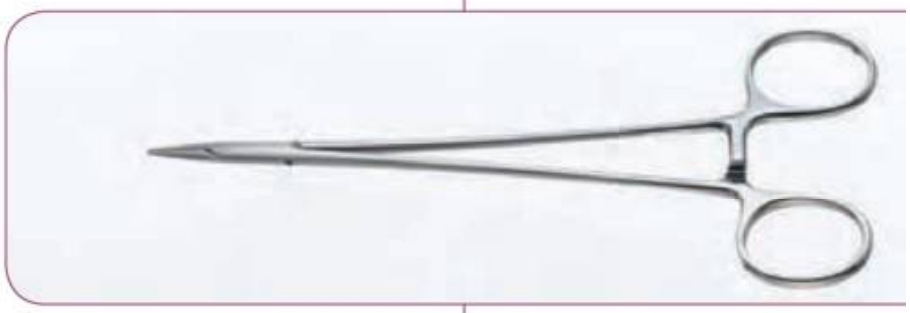
121-160	5" (12.7)
121-161	6" (15.2cm)
121-162	7" (17.8cm)
121-163	8" (20.3cm)
121-164	9" (22.8cm)
121-165	10" (25.4cm)

JARIT Intracardiac Needle Holders, 4,000 Teeth Per Square Inch, 15 mm CARB-BITE Jaws, 2mm Tips

121-216	7" (17.8cm)
121-217	8" (20.3cm)
121-218	9" (22.8cm)
121-219	10 1/4" (26cm)

MICRO Needle Holders, STARDUST, Straight, 1.2mm Tips

277-400	5" (12.7cm)
277-402	5 3/4" (14.6 cm)
277-404	6 1/4" (15.9cm)
277-407	7 1/4" (18.4cm)
277-410	7 1/4" (18.4cm), left handed
277-411	8 3/4" (22.2cm)
277-414	10" (25.4cm)

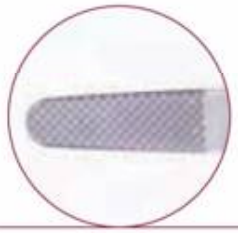


DIETRICH Microvascular Needle Holders, 7,000 Teeth Per Square Inch, CARB-BITE, 1.2mm Tips

121-181	7" (17.8cm)
121-182	8" (20.3cm)
121-183	9" (22.8cm)

JARIT Wire Twister, CARB-BITE Jaws

121-257	6" (15.2cm), short delicate jaws
121-258	6" (15.2cm), short blunt jaws



JARIT Sternal Needle Holder and Wire Twisters, 2,500 Teeth Per Square Inch, CARB-BITE

121-250	5" (12.7cm)
121-255	7" (17.8cm)

JARIT Sternal Needle Holder and Wire Twister, CARB-BITE, 6mm Tips

121-260	7 3/4" (19.7cm), heavy duty

COOLEY-BAUMGARTEN Sternal Needle Holder and Wire Twister, CARB-BITE

121-265 8" (20.3cm), heavy duty, blunt jaws, textured tip

ADDITIONAL INFORMATION

We offer many different jaw surfaces which provide maximum gripping power for all suture sizes: Smooth, 1800, 2500, 4000, and 7000 teeth per square inch, **CARB-BITE** and **STARDUST**.

A unique metallurgical process bonds tungsten carbide particles to the jaws of our **STARDUST** needle holders. The jaw surfaces are lightly textured for secure handling of delicate and micro suture needles. Extra hardness assures durability and firm grip without damaging needles. These hand-crafted needle holders are light weight and superbly balanced. **STARDUST** jaws are warranted for a period of 1 year under normal use. The **STARDUST** surface will be restored during warranty period without charge.

All JARIT **CARB-BITE** and **CARB-EDGE** instruments are warranted for a period of 3 years under normal use. **CARB-BITE** needle holder jaw inserts will be replaced and **CARB-EDGE** scissors will be sharpened during the warranty period without charge.

CVT NEEDLE HOLDERS

Castro-Type Micro Needle Holders

DIGITATE-HEIFETZ NEEDLE HOLDERS

066204

CATALOG #	DESCRIPTION
066200	Straight, 0.4 mm smooth jaw, 5-3/4" (14.5 cm)
066204	Curved, 0.6 mm smooth jaw, 5-3/4" (14.5 cm)

Wire Twisters

BERRY STERNAL "BIG UGLY" TECHNIQUE® NEEDLE HOLDER

343030

A large, heavy-duty needle holder with 6 mm-wide jaws designed to securely hold the large needles used to close sternotomies. LIFE-LOK® Box-Lock.

CATALOG #	DESCRIPTION
343030	28 x 6 mm jaw, 7-3/4" (19.5 cm), TC

BAUMGARTEN WIRE TWISTER

142521

Heavy, square jaw.

CATALOG #	DESCRIPTION
142521	18 x 5 mm heavy, square jaws, 8-1/8" (20.5 cm), TC

CVT NEEDLE HOLDERS

Castro-Type Micro Needle Holders

JACOBSON MICRO-SURGICAL NEEDLE HOLDERS

Smooth, straight, stainless steel jaws with Castroviejo-type Lock and flat handles. Lock can be removed if not required.

CATALOG #	DESCRIPTION
357601	13 x 1.3 mm jaw, 7" (18 cm)
357603	13.5 x 1.2 mm jaw, 8-1/2" (21.5 cm)

MICRO SURGERY NEEDLE HOLDERS

Flat handle, smooth jaws.

CATALOG #	DESCRIPTION
152825	Straight, 12.5 x 1.4 mm jaw, 6" (15 cm), TC
152827	Curved, 13 x 1.4 mm jaw, 6" (15 cm), TC

MICRO VASCULAR ROUND HANDLE NEEDLE HOLDERS

Stainless steel jaws, round handles. Smooth jaws.

CATALOG #	DESCRIPTION
357667	Straight, 7-3/8" (18.5 cm), TC
357672	Straight, 0.6 mm smooth jaw, 8-1/8" (20.5 cm)
357674	Straight, 0.6 mm smooth jaw, 9" (23 cm)
357675	Curved, 0.6 mm smooth jaw, 9" (23 cm)
357676	Straight, 8" (20.5 cm), TC
357677	Straight, 1 mm jaw, 8" (20.5 cm), TC
357654	Straight, without lock, 1.15 mm jaw, 7-3/8" (18.5 cm)
357655	Curved, without lock, 7-3/8" (18.5 cm)
357656	Straight, with lock, 1.2 mm jaw, 7-1/2" (19 cm)
357657	Curved, with lock, 0.6 mm jaw, 7-3/8" (18.5 cm)

CVT NEEDLE HOLDERS

Castro-Type Micro Needle Holders

JACOBSON MICRO NEEDLE HOLDER

357603DG

CATALOG #	DESCRIPTION
357603DG	Straight with flat handle, lock, 18 x 1.3 mm Diama-Grip jaw, 8-1/2" (21.5 cm)

JACOBSON MICRO NEEDLE HOLDERS

358001

358002

358003

Straight, round handle with lock. Diama-Grip jaws.

CATALOG #	DESCRIPTION
358001	11 x 0.8 mm jaw, 9" (23 cm)
358002	1.8 mm jaw, 9" (23 cm)
358003	16 x 0.9 mm jaw, 8-1/4" (21 cm)

CVT NEEDLE HOLDERS

Castro-Type Micro Needle Holders

CASTROVIEJO MICRO NEEDLE HOLDERS

355558DG

Fine, straight, with round handle and lock. 1 mm Diama-Grip jaws.

CATALOG #	DESCRIPTION
355558DG	9" (23 cm)
355559DG	10" (25.5 cm)
355560DG	12" (30.5 cm)

CASTROVIEJO MICRO NEEDLE HOLDERS

357676DG

Round handle with Diama-Grip jaws.

CATALOG #	DESCRIPTION
357656DG	Straight, with lock, 1.2 mm, 7" (18 cm)
357676DG	Straight, with lock, 1.2 mm, 8" (20.5 cm)
357677DG	Curved, without lock, 1 mm, 8" (20.5 cm)

CASTROVIEJO NEEDLE HOLDERS

354964DG

Straight, with flat handle and lock. Diama-Grip jaws.

CATALOG #	DESCRIPTION
354972	Straight, 11.5 x 0.8 mm Diama-grip jaw, 6" (15 cm)
354973	Curved, 11.5 x 1 mm Diama-grip jaw, 6" (15 cm)
354974	Straight, 0.8 mm wide Diama-grip jaw, 7-1/4" (18.5 cm)
354964DG	Straight, 1.8 mm jaw, 7-1/4" (18.5 cm)
354965DG	Straight, 8" (20.5 cm)
354975	Straight, 0.7 mm wide Diama-grip jaw, 8-1/4" (21 cm)

CASTROVIEJO NEEDLE HOLDERS

152818

CATALOG #	DESCRIPTION
152818	Straight, 11 x 1.4 mm jaw, 6" (15 cm), TC
152819	Curved, 12 x 1.4 mm jaw, 5-3/4" (14.5 cm), TC

CVT NEEDLE HOLDERS

Pilling® Technique® Design

MICRO SURGERY TECHNIQUE® NEEDLE HOLDERS

354967

Flat handle, smooth jaws.

CATALOG #	DESCRIPTION
354966	Straight, 13 x 1.4 mm jaw, 7" (18 cm), TC
354967	Straight, 13 x 1.4 mm jaw, 8" (20.5 cm), TC

CASTROVIEJO TECHNIQUE® NEEDLE HOLDERS

354964

CATALOG #	DESCRIPTION
354964	Straight, 13 x 1.4 mm jaw, 7-1/4" (18.5 cm), TC
354965	Straight, 13 x 1.4 mm jaw, 8" (20.5 cm), TC

SPENCER CORONARY TECHNIQUE® NEEDLE HOLDER

354969

CATALOG #	DESCRIPTION
354969	Straight, smooth, 12 x 1.2 mm jaw, 0.9 mm tip, 7" (18 cm), TC

CVT NEEDLE HOLDERS

Technique® Design

GREGORY TECHNIQUE® SUTURE "STAY" CLAMPS

Smooth jaw hemostats for tagging sutures. May be used with or without rubber shodding.

CATALOG #	DESCRIPTION
351830	Straight, 3-7/8" (10 cm), TC
351831	Curved, 3-7/8" (10 cm), TC

GIANNINI TECHNIQUE® NEEDLE HOLDER

Flat handles.

CATALOG #	DESCRIPTION
354971	Straight, 17.5 x 1.8 mm jaw, 10-1/4" (26 cm), TC

CVT NEEDLE HOLDERS

Technique® Design

RYDER EXTRA FINE TECHNIQUE® NEEDLE HOLDERS

Pilling® Pattern, satin finish. Sculptured 1 mm wide jaws designed for the finest vascular, plastic and nerve suture needles. Lightweight throughout (average weight 1 oz).

CATALOG #	DESCRIPTION
354990	11.5 x 1.3 mm jaw, 5-1/4" (13.5 cm), TC
354992	12.5 x 1.2 mm jaw, 6" (15 cm), TC
354994	14.3 x 1.2 mm jaw, 7" (18 cm), TC
354996	14.5 x 1.2 mm jaw, 8" (20.5 cm), TC
354998	15 x 1.3 mm jaw, 9" (23 cm), TC

W.M. LEMMON TECHNIQUE® NEEDLE HOLDERS

Delicate, very lightly serrated, 4 mm tapering to 1.5 - 2 mm tips, 13 mm long. The medium size was designed specifically for repair of the femoral arteriotomy site with fine sutures following completion of the by-pass.

CATALOG #	DESCRIPTION
354915	Delicate, 15.5 x 2.3 mm jaw, 5-3/4" (14.5 cm), TC
354916	14.5 x 1.5 mm jaw, 6-3/4" (17 cm), TC
354917	15.5 x 2.3 mm jaw, 7-1/2" (19 cm), TC

CVT NEEDLE HOLDERS

Technique® Design

PILLING® INTRACARDIAC TECHNIQUE® NEEDLE HOLDERS

CATALOG #	DESCRIPTION
354985	17 x 1.8 mm jaw, 7" (18 cm), TC
354986	11.5 x 1.6 mm jaw, 8" (20.5 cm), TC
354987	20.5 x 2 mm jaw, 9-1/4" (23.5 cm), TC
354988	20.5 x 2 mm jaw, 10-1/4" (26 cm), TC

PILLING® THIN VASCULAR AND CORONARY TECHNIQUE® NEEDLE HOLDERS

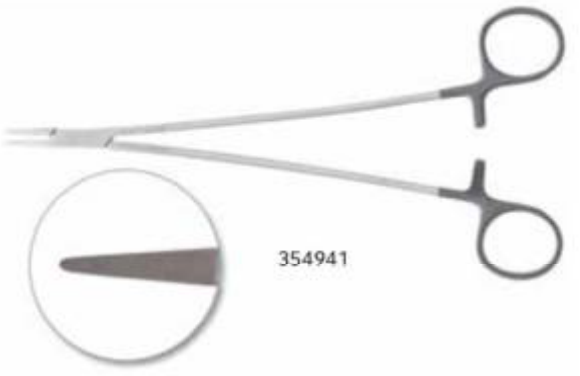
Delicately proportioned, slender needle holders.

CATALOG #	DESCRIPTION
354958	20.5 x 1.8 mm jaw, 9" (23 cm), TC
354959	20.5 x 2.2 mm jaw, 10-1/4" (26 cm), TC
354960	16 x 1.8 mm jaw, 6" (15 cm), TC
354961	16 x 1.7 mm jaw, 7" (18 cm), TC
354962	20 x 1.8 mm jaw, 8-1/4" (21 cm), TC

CVT NEEDLE HOLDERS

Technique® Design

JAMISON TECHNIQUE® NEEDLE HOLDER



Long, slender needle holder. Jaws are lightly serrated.

CATALOG #	DESCRIPTION
354941	19.8 x 1.8 mm jaw, 9" (23 cm), TC

PILLING® EXTRA LIGHT TECHNIQUE® NEEDLE HOLDERS

Thinner shanks and box-locks than Pilling® Thin Needle Holders (opposite page) for reduced weight and more "feel."

CATALOG #	DESCRIPTION
354981	17 x 1.8 mm jaw, 6" (15 cm), TC
354982	17.5 x 1.6 mm jaw, 7" (18 cm), TC

CVT NEEDLE HOLDERS

Technique® Design

GERBODE TECHNIQUE® NEEDLE HOLDER

Medium-light construction. A strong full sized needle holder with jaws tapered to 2 mm width for holding fine needles.

CATALOG #	DESCRIPTION
343000	16.5 x 2 mm jaw, 10-1/2" (26.5 cm), TC

HOWELL CORONARY TECHNIQUE® NEEDLE HOLDER

CATALOG #	DESCRIPTION
354920	14 x 1.6 mm jaw, 7-1/4" (18.5 cm), TC

HOWELL VALVE TECHNIQUE® NEEDLE HOLDER

CATALOG #	DESCRIPTION
354928	19 x 2 mm jaw, 8" (20.5 cm), TC

CVT NEEDLE HOLDERS

Technique® Design

Teleflex® takes great pride in presenting our line of finely crafted Pilling® Technique® Instruments. Technique® Instruments offer the balance, precision and craftsmanship you demand, assuring high quality instrument performance. All are easily identified by our signature black handle design.

BAILEY CARDIAC TECHNIQUE® NEEDLE HOLDER

Very light construction throughout with fine, tapered tips. Jaws are lightly scored for use with smallest size needles and sutures. Tungsten Carbide.

CATALOG #	DESCRIPTION
354931	17 x 2 mm jaw, 7" (18 cm), TC

DEBAKEY TECHNIQUE® NEEDLE HOLDERS

Carefully designed with light, short Tungsten Carbide jaws. Constructed in weight proportional to total length. May be purchased individually or as matched set of four.

CATALOG #	DESCRIPTION
354900	No. 1. Length, 18.2 x 2 mm jaw, 7" (18 cm), TC
354902	No. 2. Length, 21.5 x 1.8 mm jaw, 9-1/4" (23.5 cm), TC
354904	No. 3. Length, 21.5 x 2.3 mm jaw, 10-1/2" (26.5 cm), TC
354906	No. 4. Length, 19 x 2.6 mm jaw, 11-3/4" (30 cm), TC
354908	Matched set of four

CVT NEEDLE HOLDERS

Wire Twisters

RUBIO TECHNIQUE® WIRE TWISTER

CATALOG #	DESCRIPTION
351349	12 x 4.5 mm jaw, 5" (12.5 cm), TC

WIRE TWISTING FORCEPS

For twisting ends of wire when securing pump tubing to fittings.

CATALOG #	DESCRIPTION
351348	5-3/8" (13.5 cm)

FORCEPS

PRIME SURGICAL INTERNATIONAL

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Tissue and Dressing Forceps

GUILMET TITANIUM DRESSING FORCEPS

359054

Flat handle.

CATALOG #	DESCRIPTION
359054	Serrated tip, 7-7/8" (20 cm)

MCINDOE TITANIUM TISSUE FORCEPS

359050

Flat handle.

CATALOG #	DESCRIPTION
359050	Serrated tip, 5-7/8" (15 cm)

Micro Forceps

DENIS TITANIUM MICRO FORCEPS

359407

CATALOG #	DESCRIPTION
359407	Straight, 0.4 mm tip, Diama-Grip jaws, 8-1/4" (21 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

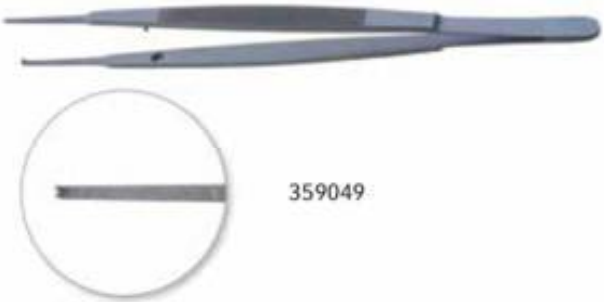
Tissue and Dressing Forceps

GERALD TITANIUM DRESSING FORCEPS

Flat handle. Serrated tip.

CATALOG #	DESCRIPTION
359048	6 7/8" (18 cm)

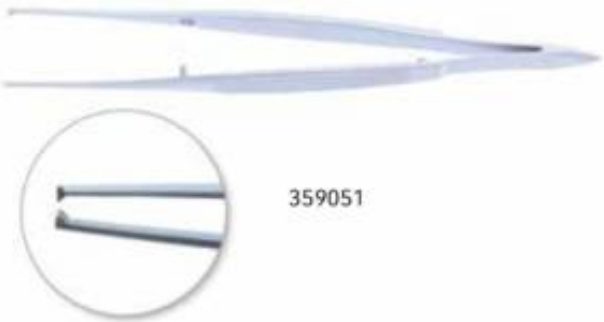
GERALD TITANIUM TISSUE FORCEPS



Flat handle. Serrated tip.

CATALOG #	DESCRIPTION
359049	1 x 2 teeth, 6-7/8" (18 cm)

GILLIES TITANIUM TISSUE FORCEPS



Flat handle.

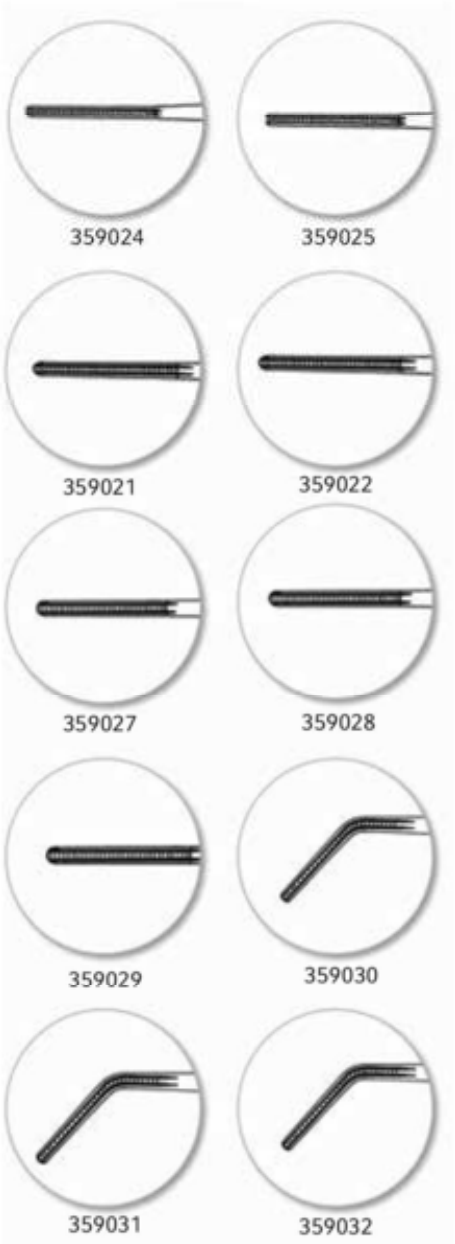
CATALOG #	DESCRIPTION
359051	1 x 2 teeth, 5-7/8" (15 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Tissue and Dressing Forceps

DEBAKEY® TITANIUM TISSUE FORCEPS

359029



Flat handle.

CATALOG #	DESCRIPTION
359024	Straight, 1.5 mm jaw width, 6" (15 cm)
359025	Straight, 1.5 mm jaw width, 7-5/8" (19.5 cm)
359021	Straight, 2.5 mm jaw width, 6" (15 cm)
359022	Straight, 2.5 mm jaw width, 7-5/8" (19.5 cm)
359027	Straight, 3 mm jaw width, 6" (15 cm)
359028	Straight, 3 mm jaw width, 7-5/8" (19.5 cm)
359029	Straight, 3 mm jaw width, 9-1/2" (24 cm)
359030	Angled, 2.5 mm jaw width, 5-7/8" (15 cm)
359031	Angled, 2.5 mm jaw width, 7-1/2" (19 cm)
359032	Angled, 2.5 mm jaw width, 9-1/4" (23.5 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Tissue and Dressing Forceps

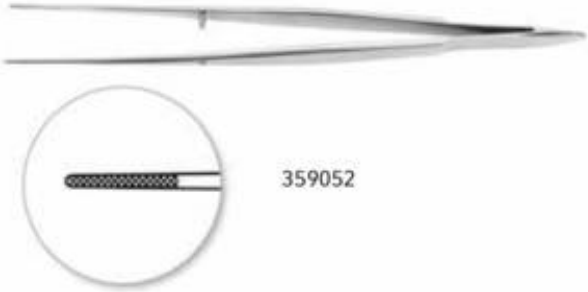
BARRAYA TITANIUM TISSUE FORCEPS

359053

Flat handle.

CATALOG #	DESCRIPTION
359053	2 x 3 teeth, 7-3/4" (20 cm)

CUSHING TITANIUM DRESSING FORCEPS

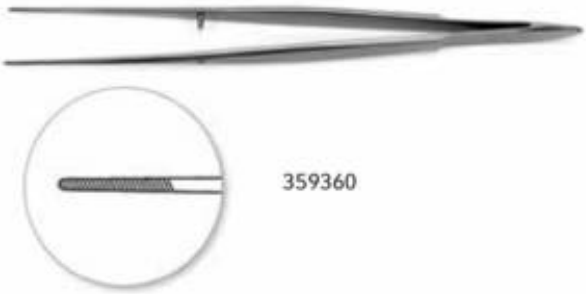


359052

Flat handle.

CATALOG #	DESCRIPTION
359052	Serrated, 7-1/8" (18 cm), TC

CUSHING TITANIUM TISSUE FORCEPS



359360

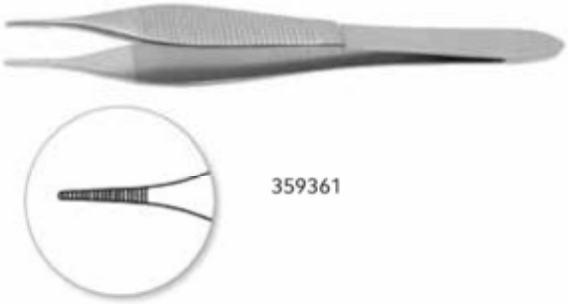
Flat handle.

CATALOG #	DESCRIPTION
359360	Serrated, 7-7/8" (20 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Tissue and Dressing Forceps

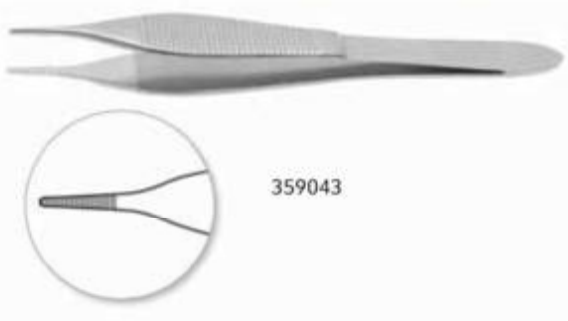
ADSON TITANIUM DRESSING FORCEPS



Flat handle.

CATALOG #	DESCRIPTION
359361	Serrated tip, 4-3/4" (12 cm)

ADSON TITANIUM TISSUE FORCEPS



Flat handle.

CATALOG #	DESCRIPTION
359043	Serrated tip, 4-3/4" (12 cm), TC

ADSON-BROWN TITANIUM TISSUE FORCEPS

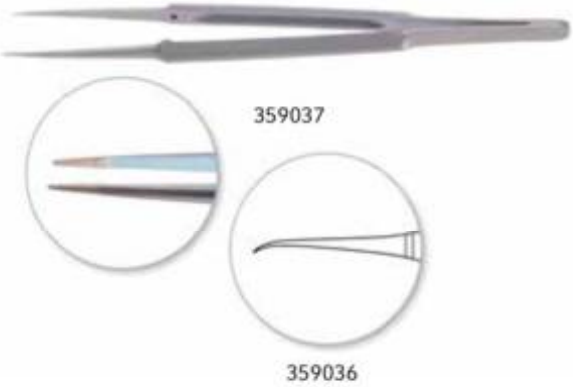
Flat handle.

CATALOG #	DESCRIPTION
359359	9 x 9 teeth, 4-3/4" (12 cm)

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Micro Forceps

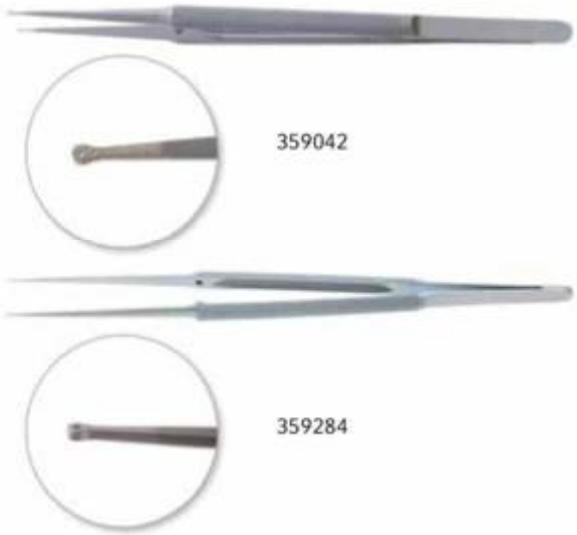
MICRO TITANIUM DIAMA-GRIP TYING FORCEPS



Round handle. Diama-Grip on tip.

CATALOG #	DESCRIPTION
359033	Straight, 4-3/4" (12 cm)
359034	Curved, 3-3/4" (9.5 cm)
359037	Straight, 7-1/8" (18 cm)
359036	Curved, 5-7/8" (15 cm), 6 mm Diama-Grip jaws

MICRO TITANIUM DIAMA-GRIP TYING FORCEPS

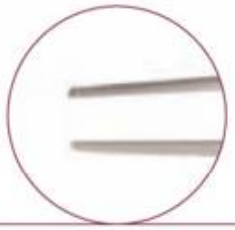


Straight with round handle. Diama-Grip ring tip.

CATALOG #	DESCRIPTION
359042	I.D. 0.4 mm, O.D. 1 mm, 7-1/8" (18 cm)
359283	I.D. 1 mm, O.D. 2 mm, 8-3/4" (22 cm)
359284	I.D. 0.4 mm, O.D. 1 mm, 8-3/4" (22 cm)

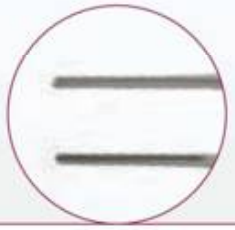
DeBAKEY-DIETRICH Vascular Tissue Forceps, Straight, Micro Fine Serrations, 1mm Tips

320-050	6" (15.2cm)
320-051	7 3/4" (19.7cm)
320-052	9 1/2" (24.1cm)



DeBAKEY-DIETRICH Coronary Artery Forceps, Straight, Micro Fine Serrations, 1.5mm Tips

320-113	6" (15.2cm)
320-114	7 3/4" (19.7cm)
320-115	9 1/2" (24.1cm)
320-888	12" (30.5cm)



DeBAKEY Forceps, Titanium, Straight, 1.8mm Tips

320-111TI	7 1/8" (18.1cm)

DeBAKEY Forceps, 2mm Tips

320-110	6" (15.2cm), straight
320-111	7 3/4" (19.7cm), straight
320-112	9 1/2" (24.1cm), straight
320-109	12" (30.5cm), straight
320-108	14" (35.6cm), straight
320-105	6" (15.2cm), angled
320-106	7 3/4" (19.7cm), angled
320-107	9 1/2" (24.1cm), angled

COOLEY Forceps, Straight, 2mm Tips

320-116	6" (15.2cm)
320-117	8" (20.3cm)
320-118	9 1/2" (24.1cm)

DeBAKEY Forceps, Titanium, Straight, 2mm Tips

320-084TI	7 3/4" (19.7 cm)
320-085TI	9 1/2" (24.1 cm)

DeBAKEY Forceps, Titanium, Straight, 2.5mm Tips

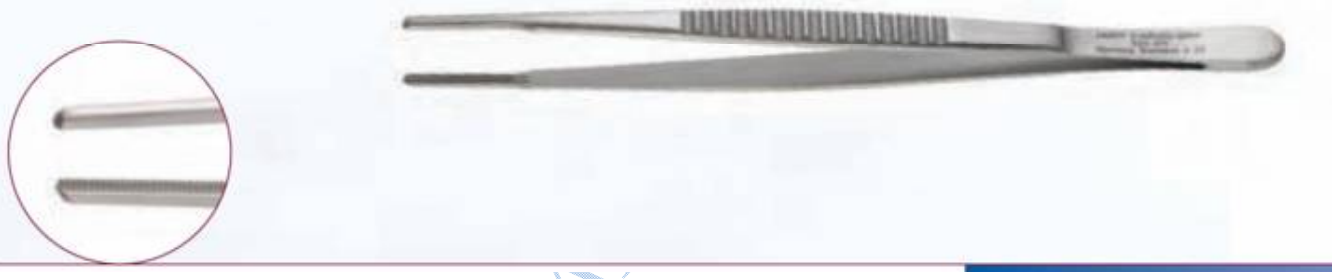
320-083TI	6" (15.2cm)

DeBAKEY Forceps, Straight, 2.7mm Tips

320-100	6" (15.2cm)
320-101	7 3/4" (19.7cm)
320-102	9 1/2" (24.1cm)
320-103	12" (30.5cm)
320-104	14" (35.6cm)

DeBAKEY Forceps, Straight, 3.2mm Tips

320-070	6" (15.2cm)
320-071	7 3/4" (19.7cm)
320-072	9 1/2" (24.1cm)
320-073	12" (30.5cm)
320-074	14" (35.6cm)



PRIME SURGICAL

GERALD Forceps, Straight, Narrow Tips, 1 x 2 Teeth

285-125	7" (17.8cm)
285-127	7 1/2" (19.1cm)
285-129	9 1/4" (23.5cm)

GERALD Forceps, CARB-BITE, Straight, 1 x 2 Teeth

122-570	7" (17.8cm), Delicate Tips

POTTS-SMITH Dressing Forceps, Serrated Tips

130-350	7" (17.8cm)
130-355	8 1/4" (21cm)
130-360	9 1/2" (24.1cm)
130-367	10 1/4" (26cm)
130-365	12" (30.5cm)

POTTS-SMITH Tissue Forceps, 1 x 2 Teeth, Serrated Tips

130-352	7" (17.8cm)
130-359	8 1/4" (21cm)
130-362	9 1/2" (24.1cm)
130-368	10 1/4" (26cm)
130-366	12" (30.5cm)

BATTE-SMITH Needle Forceps, FABB-BITE Tips

130-353	7" (17.8cm)
130-358	8 1/4" (21cm)
130-363	9 1/2" (24.1cm)
130-369	10 1/4" (26cm)

CUSHING Forceps, Semi-Sharp Dissecting End

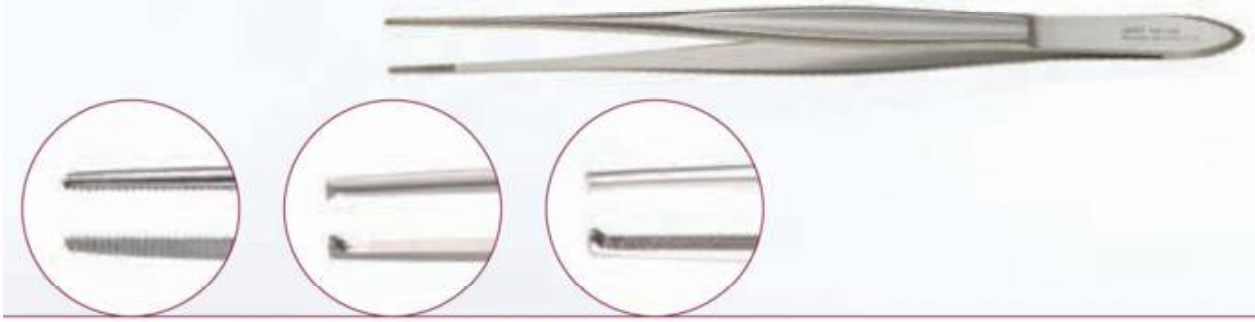
130-445	8" (20.3cm), serrated
130-446	8" (20.3cm), 1 x 2 teeth, cross-serrated

CUSHING Tissue Forceps Titanium, Sharp Dissecting End, Gutsch Handle

130-425TI	7" (17.8cm), delicate 1.2mm serrated tips

CUSHING Forceps, Sharp Dissecting End, Gutsch Handle

130-425	7" (17.8cm), serrated
130-430	7" (17.8cm), 1 × 2 teeth
130-435	7" (17.8cm), 1 × 2 teeth, serrated



CUSHING Forceps, Semi-Sharp Dissecting End, Gutsch Handle, CARB-BITE Tips

122-530	7" (17.8cm), standard tips
122-535	7" (17.8cm), delicate tips
130-417	7" (17.8cm), angled

CUSHING Dressing Forceps, Square Dissecting End, Bayonet Handle

130-410	7 1/4" (18.4cm), serrated tips
130-420	7 3/4" (19.7cm), serrated tips
130-415	7 1/4" (18.4cm), 1 x 2 teeth
130-421	7 3/4" (19.7cm), 1 x 2 teeth
130-418	7 3/4" (19.7cm), CARB-BITE tips

CUSHING Forceps, Square Dissecting End

130-400	7" (17.8cm), serrated
130-405	7" (17.8cm), 1 x 2 teeth

BROWN Tissue Forceps, 8 x 8 Teeth

130-265	6" (15.2cm)
130-266	8" (20.3cm)
130-267	10" (25.4cm)

WHEELER-Type Plaque and Vessel Forceps, CARDIO-GRIP Tips

130-296	5 1/2" (14cm)
130-297	7 1/4" (18.4cm)
130-298	8 3/4" (22.2cm)

DeBAKEY Needle Forceps, CARB-BITE, 2 x 4 Teeth, 1.5mm Tips

122-541	6" (15.2cm)
122-543	7 3/4" (19.7cm)
122-545	9 1/2 (24.1cm)

SKINNER Needle Forceps, 9" (22.9cm), CARB-BITE, 1 x 2 Teeth

122-600	Standard tips
122-601	Delicate tips
122-602	Micro tips

DeBAKEY Needle Forceps, CARB-BITE, 2 x 4 Teeth, 2.0mm Tips

122-540	6" (15.2cm)
122-542	7 3/4" (19.7cm)
122-544	9 1/2 (24.1cm)

SEMKEN Needle Forceps, 6" (15.2cm), CARB-BITE, 1 x 2 Teeth

122-590	Standard 1.5mm tips
122-591	Delicate 1mm tips

BONNEY Forceps, CARB-BITE Tips

122-520	6 3/4" (17.1cm), 1 x 2 teeth

FERRIS-SMITH Forceps, CARB-BITE Tips

122-550	6 3/4" (17.1cm), 1 x 2 teeth

NELSON Tissue Forceps, 6 x 7 Teeth

130-370	6" (15.2cm)
130-375	7" (17.8cm)
130-380	9" (22.9cm)

SELMAN Tissue Forceps, Round Cup With Teeth

135-252	6" (15.2cm)
135-253	8" (20.3cm)
135-254	10" (25.4cm)

RUSSIAN Tissue Forceps

130-390	6" (15.2cm)
130-392	8" (20.3cm)
130-395	10" (25.4cm)
130-394	12" (30.5cm)
130-396	14" (35.6cm)

SINGLEY Tissue Forceps

135-250	9" (22.9cm)
135-248	14" (35.6cm)

WANGSTEEN Tissue Forceps, CARB-BITE Tips

135-384	6" (15.2cm)
135-257	9" (22.9cm)
135-258	10" (25.4cm)

REUL Coronary Tissue Forceps, Delicate, CARB-BITE, 1.8mm Tips

130-437	8" (20.3cm)

EVANS Tissue Forceps, CARB-BITE Tips

130-383	10" (25.4cm)

CVT FORCEPS AND CLAMPS

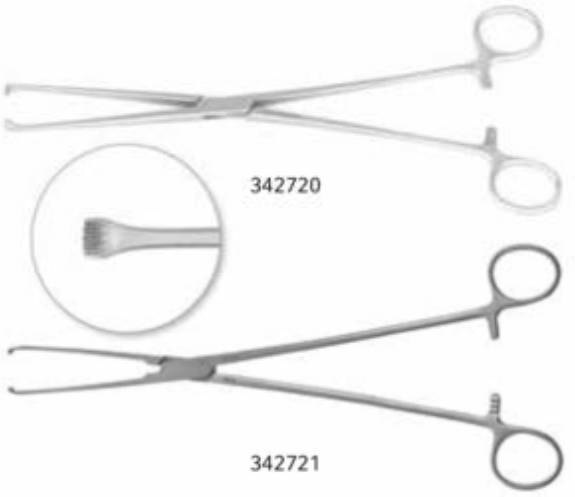
Bronchus and Lung Clamps

SAROT BRONCHUS CLAMPS

Teeth ensure a non-slipping hold on bronchus. Clamps are made in left and right models so that spiked blade will never be passed beneath the bronchus, thus avoiding trauma. Adult size 9-1/4" (23.4 cm) length to angle, 3.3 cm jaw length.

CATALOG #	DESCRIPTION
342822	Right
342823	Left

WILLAUER-ALLIS TISSUE FORCEPS



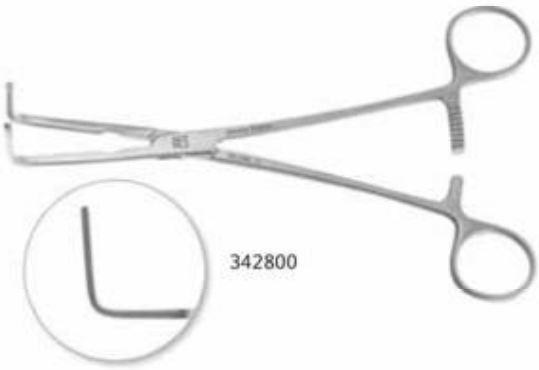
Extra long, springy, Allis-type forceps with 5 x 6 teeth. Dull, non-glare finish, stainless steel.

CATALOG #	DESCRIPTION
342720	10" (25.5 cm)
342721	11-1/4" (28.5 cm)

CVT FORCEPS AND CLAMPS

Bronchus and Lung Clamps

LEES BRONCHUS CLAMPS



Also serves as a general purpose vascular clamp. DeBakey®-type Jaw is 4 cm long beyond angle.

CATALOG #	DESCRIPTION
342800	Right angle, 8-1/8" (20.5 cm)
342802	Angled, 10" (25.5 cm)

LOVELACE LUNG TISSUE FORCEPS

CATALOG #	DESCRIPTION
342675	Angled to side, 1" (2.5 cm) DeBakey®-type Jaw, 7-1/2" (19 cm)

REVUELTA-GARCIA ALLIS CURVED CLAMPS

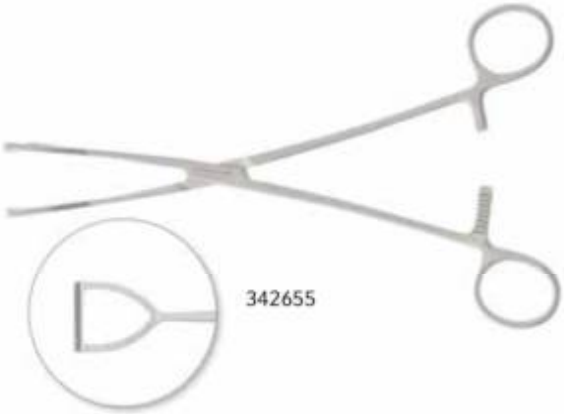
Half curved, DeBakey® Jaw.

CATALOG #	DESCRIPTION
351743	10-1/8" (25.5 cm)
351744	10-7/8" (27.5 cm)

CVT FORCEPS AND CLAMPS

Bronchus and Lung Clamps

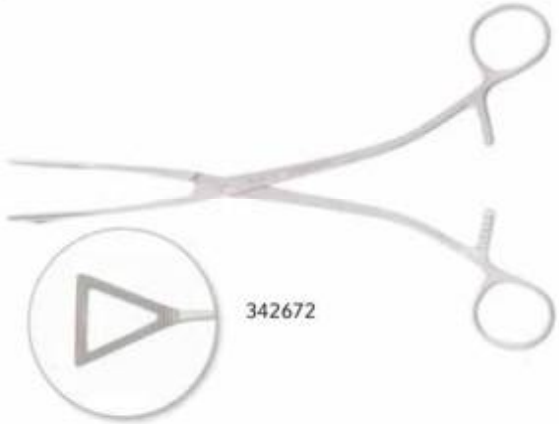
DEBAKEY® LUNG GRASPING FORCEPS



DeBakey®-type Distal Sections on specially shaped fenestrated jaws provide a soft but secure hold with minimum tissue damage. Distal edge of jaws is 2.5 cm wide.

CATALOG #	DESCRIPTION
342655	9" (23 cm)

DUVAL LUNG TISSUE FORCEPS



Light, screw lock box design. DeBakey®-type, serrated Jaws. Jaw width 1" (2.5 cm).

CATALOG #	DESCRIPTION
342670	8" (21 cm)
342672	9" (23 cm)

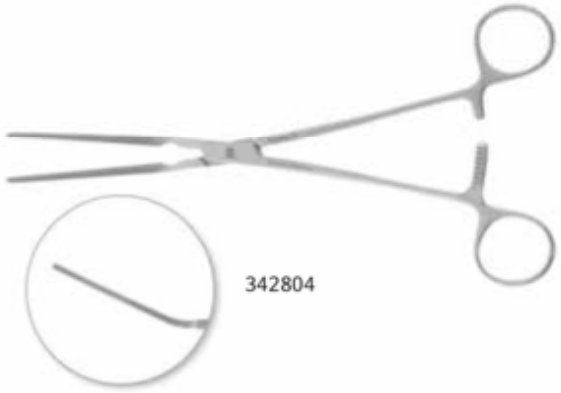
CVT FORCEPS AND CLAMPS

Bronchus and Lung Clamps

BABCOCK TISSUE FORCEPS

CATALOG #	DESCRIPTION
183010	6-1/4" (16 cm)
183020	7-7/8" (20 cm)
342725	Serrated, 3/8" (9.5 mm) jaw, 9-1/2" (24 cm)
342726	Serrated, 1/2" (12.5 mm) jaw, 9-1/2" (24 cm)

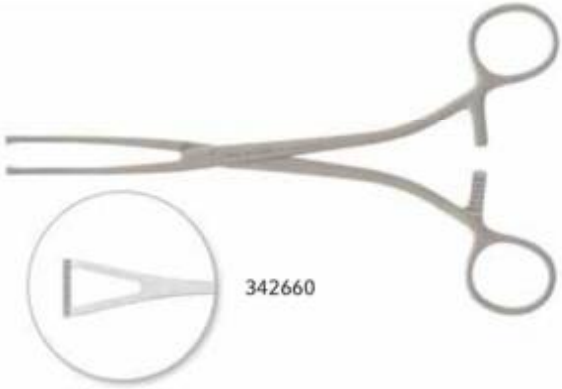
BRONCHUS CLAMP



25 degree angled DeBakey®-type Jaws are 5.5 cm long beyond angle.

CATALOG #	DESCRIPTION
342804	9" (23 cm)

COLLIN LUNG TISSUE FORCEPS



Light, screw lock box design. Teeth across entire distal edge.

CATALOG #	DESCRIPTION
342660	5/8" (16 mm) jaw, 8" (20.5 cm)
342662	1-1/8" (28.5 mm) jaw, 8" (20.5 cm)
342664	1-1/8" (28.5 mm) jaw, 9" (23 cm)

CVT FORCEPS AND CLAMPS

Ligature Carriers

FAVALORO-SEMB LIGATURE CARRIERS

Jaws are constructed so that only the distal DeBakey®-type surfaces approximate. The smooth portion of the jaws remains open to prevent inadvertent clamping of the aortic wall.

CATALOG #	DESCRIPTION
353645	Half curved, 11-1/4" (28.5 cm)
353646	Full curved, 10-7/8" (27.5 cm)

SEMB DISSECTING FORCEPS

For dissecting and breaking adhesions.

CATALOG #	DESCRIPTION
342710	Slight curve, 10-1/4" (26 cm)

SEMB LIGATURE FORCEPS

Acute curve. Tips perforated for use as a ligature carrier.

CATALOG #	DESCRIPTION
342711	9-3/4" (25 cm)

CVT FORCEPS AND CLAMPS

Micro Forceps

DENIS MICRO RING FORCEPS

CATALOG #	DESCRIPTION
358007	Straight, smooth, 1 mm tip, Diama-Grip jaws, 8-1/4" (21 cm)

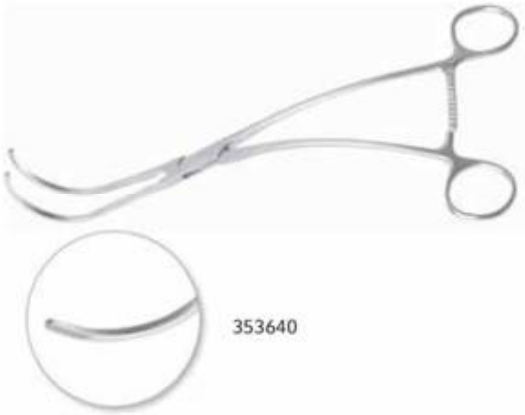
Ligature Carriers

DARLING TAPE PASSING CLAMP "AORTA GO AROUND"

Specifically designed for passing ligature or tapes around the intrarenal abdominal aorta. Slightly angled, curved jaw with short segment of DeBakey®-type Teeth.

CATALOG #	DESCRIPTION
353647	Curved, DeBakey® Jaw, 2" (5 cm) tip length, curved shaft, 11-3/4" (29.5 cm)

DEBAKEY® MODIFIED SEMB LIGATURE CARRIER



The distal 1.5 mm of the jaws are a DeBakey®-type Design to securely hold a ligature or umbilical tape for passage around the aorta. Jaws curve on 2.5 cm radius.

CATALOG #	DESCRIPTION
353640	10-3/8" (26.5 cm)

CVT FORCEPS AND CLAMPS

Micro Forceps

MICRO RING TIP FORCEPS

The 0.5 mm ring tip forceps are designed for the mammary/coronary arteries and other 1-3 mm sized vessels (e.g., tibial arteries in the lower leg). The 1.5 mm ring tip forceps are designed for larger vessels such as the saphenous vein, femoral arteries, etc. The ring tip forceps allows for a more secure grip on the tissue, yet it still has a very fine tip. The sizing 1.5 mm and 0.5 mm pertains to the size of the hole in the tip.

CATALOG #	DESCRIPTION
357645	Saphenous/aorta, 1.5 mm ring tip forceps, 7" (18 cm)
357647	Mammary/coronary, 0.5 mm ring tip forceps, 7" (18 cm)
357648	Mammary/coronary, 0.5 mm ring tip forceps, 7-3/4" (20 cm)

MICRO DIAMA-GRIP RING FORCEPS

Diama-Grip jaws.

CATALOG #	DESCRIPTION
357647DG	Small ring tip, 1 mm, 7" (18 cm)
357648DG	Small ring tip, 1.2 mm, 8" (21 cm)
357645DG	Large ring tip, 1.5 mm, 7" (18 cm)

CVT FORCEPS AND CLAMPS

Micro Forceps

MICRO TYING FORCEPS

Round handle, 8 mm diameter.

CATALOG #	DESCRIPTION
357658	Straight 0.5 mm wide tip with platform, 6" (15 cm)
357659	Curved 0.5 mm wide tip with platform, 6" (15 cm)
357660	Straight 0.5 mm wide tip with platform, 7-1/8" (18 cm)
357661	Curved 0.5 mm wide tip with platform, 7-1/8" (18 cm)

TEW TYING FORCEPS

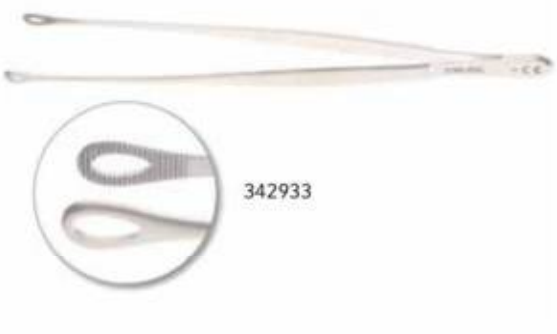
Straight jaw with longitudinal serrations.

CATALOG #	DESCRIPTION
394430	Straight, 0.6 mm tip, 7-1/8" (18 cm)
394431	Straight, 1 mm tip, 7-1/8" (18 cm)

CVT FORCEPS AND CLAMPS

Tissue Forceps

SINGLEY TISSUE FORCEPS



Serrated ring end 8.5 mm wide. Medium-heavy construction.

CATALOG #	DESCRIPTION
342933	9" (23 cm)

TUTTLE THORACIC TISSUE FORCEPS

Light construction. Ring tips 6.8 mm wide.

CATALOG #	DESCRIPTION
342935	9" (23 cm)

Micro Forceps

MICRO GRASPING FORCEPS

8 mm round handle. 0.5 mm wide tips have fine cross-hatch serrations for secure yet delicate grip.

CATALOG #	DESCRIPTION
357681	Straight, 7-7/8" (20 cm)

CVT FORCEPS AND CLAMPS

Tissue Forceps

GERALD DIAMA-GRIP DRESSING FORCEPS

351901DG

CATALOG #	DESCRIPTION
351901DG	Straight, 1.1 mm tip, 7" (18 cm)

CARDIAC VALVE FORCEPS

351748

CATALOG #	DESCRIPTION
351748	9-1/2" (25 cm)

WHEELER TECHNIQUE® PLAQUE AND VESSEL FORCEPS

351827

Very powerful grip at tips.

CATALOG #	DESCRIPTION
351825	DeBakey®-type Jaw, 1.6 mm, 5-1/2" (14 cm)
351827	DeBakey®-type Jaw, 1.6 mm, 7-1/8" (18 cm)
351829	DeBakey®-type Jaw, 1.6 mm, 8-3/4" (22 cm)

NELSON TISSUE FORCEPS

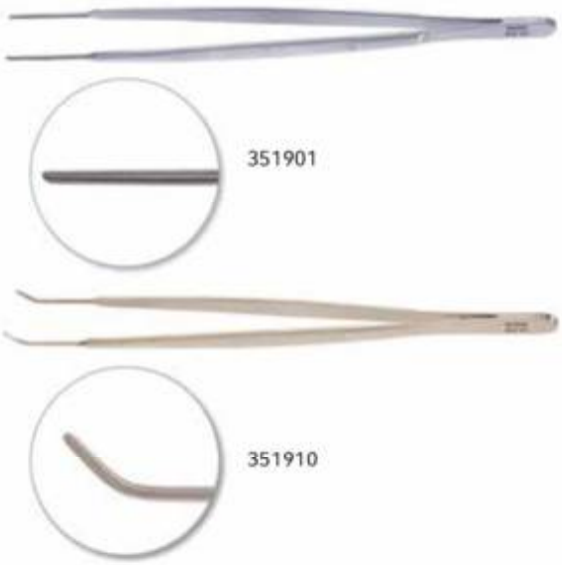
342950

CATALOG #	DESCRIPTION
342950	6 x 7 sharp, fine teeth, 9" (23 cm)

CVT FORCEPS AND CLAMPS

Tissue Forceps

GERALD DEBAKEY® TISSUE FORCEPS



Delicate, tapered DeBakey®-type Jaws.

CATALOG #	DESCRIPTION
351901	7" (18 cm)
351908	8" (20.5 cm)
351909	9-1/2" (24 cm)
351910	Angled, 6-7/8" (17.5 cm)

GERALD TISSUE FORCEPS

These are full-size tissue forceps with only the distal portion narrowed to provide light, delicate tips that maintain alignment.

CATALOG #	DESCRIPTION
351905	1 x 2 teeth, 7" (18 cm)
351907	1 x 2 teeth, 9-3/4" (25 cm)

PRIM

CVT FORCEPS AND CLAMPS

Tissue Forceps

COOLEY JAW VASCULAR TISSUE FORCEPS

356000

Narrow double row of fine serrations on each jaw. For delicate handling of tiny vessels and fragile tissue.

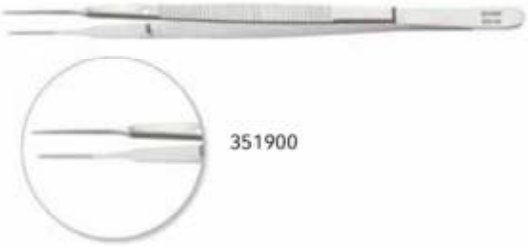
CATALOG #	DESCRIPTION
356000	6-1/4" (16 cm)
356002	8" (21 cm)
356003	9-1/2" (24 cm)

CORONARY ULTRA FINE TISSUE FORCEPS

351838

CATALOG #	DESCRIPTION
351837	7" (18 cm)
351838	8" (21 cm)
351839	9" (23 cm)

GERALD DRESSING FORCEPS



351900

These are full-size dressing forceps with only the distal portion narrowed to provide light, delicate tips that maintain alignment.

CATALOG #	DESCRIPTION
351900	Serrated, 7" (18 cm)
351902	Serrated, 9-3/4" (25 cm)

GERALD DRESSING FORCEPS

466225

CATALOG #	DESCRIPTION
466225	Straight, serrated, 1.1 mm tip, 6-7/8" (17.5 cm), TC

CVT FORCEPS AND CLAMPS

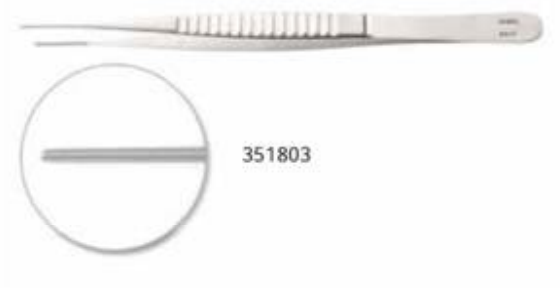
Tissue Forceps

VASCULAR DEBAKEY® BAYONET TISSUE FORCEPS

DeBakey®-type Jaws with a bayonet shape. Angled handles for difficult access and increased visibility.

CATALOG #	DESCRIPTION
351843	Standard, 2.0 mm tip, 7-3/4" (19.5 cm)
351845	Fine, 1.3 mm tip, 7-3/4" (19.5 cm)

DEBAKEY® DIETHRICH DELICATE VASCULAR TISSUE FORCEPS



Designed for micro-vascular and coronary artery surgery. The distal portion is tapered to a 1 mm extra-fine DeBakey®-type Tip.

CATALOG #	DESCRIPTION
351801	Straight, 1 mm tip, delicate, 1 mm tip, 6" (15 cm)
351803	Straight, 1 mm tip, delicate, 1 mm tip, 7-3/4" (19.5 cm)
351806	Straight, 1 mm tip, delicate, 1 mm tip, 9-1/2" (24 cm)

DEBAKEY® DIETHRICH DIAMA-GRIP TISSUE FORCEPS

CATALOG #	DESCRIPTION
351803DG	Straight, 1.3 mm tip, 7-3/4" (20 cm)

CVT FORCEPS AND CLAMPS

Tissue Forceps

DEBAKEY® CARBIDE FORCEPS

DeBakey®-type Jaws at distal tip. Tungsten carbide insert behind the jaw for secure needle pulling actions.

CATALOG #	DESCRIPTION
351815	Regular forceps, 6" (15 cm), TC
351817	Regular forceps, 7-3/4" (19.5 cm), TC
351819	Regular forceps, 9-1/2" (24 cm), TC
351818	Delicate forceps, 7-3/4" (19.5 cm), TC
351824	Delicate forceps, 9-1/2" (24 cm), TC

DEBAKEY® ULTRALIGHT FORCEPS

Approximately one-half the weight of standard DeBakey® Forceps, similar to that of titanium but at a much lower price. Ebonized stainless steel to reduce glare. Reduced tension minimizes fatigue and allows better control of delicate tissues.

CATALOG #	DESCRIPTION
351820	1.5 mm tip, 6" (15 cm)
351821	1.5 mm tip, 7-3/4" (19.5 cm)

CVT FORCEPS AND CLAMPS

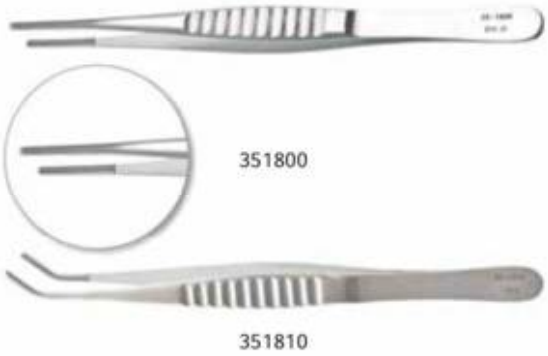
Tissue Forceps

DEBAKEY® THORACIC TISSUE FORCEPS

The row of 1 by 2 DeBakey®-type Serrations on the tips are designed to be large and strong enough to handle relatively large masses of tissue. Because of the groove construction and light spring tension, they may be used to hold and handle suture material as well. These forceps are of heavier design than the DeBakey® Vascular Tissue Forceps (351800 through 351814). The distal portion is tapered to a 3 mm DeBakey®-type Tip.

CATALOG #	DESCRIPTION
342980	Straight, 3 mm tip, 6-1/8" (15.5 cm)
342981	Straight, 3 mm tip, 7-3/4" (19.5 cm)
342982	Straight, 3 mm tip, 9-1/2" (24 cm)
342984	Straight, 3 mm tip, 12" (30.5 cm)
342986	Angled, 3 mm tip, 12" (30.5 cm)

DEBAKEY® VASCULAR TISSUE FORCEPS



Standard. The distal 2 cm of these forceps is a narrow DeBakey®-type Tip with a width of 2 mm. The body of the instrument is constructed especially to prevent feathering, and all pins and projections have been omitted to help eliminate suture catchers. Jaws are very well fitted for handling tiny vessels as well as the smallest suture material.

CATALOG #	DESCRIPTION
351800	Straight, 2 mm tip, 6" (15 cm)
351802	Straight, 2 mm tip, 7-3/4" (19.5 cm)
351804	Straight, 2 mm tip, 9-1/2" (24 cm)
351808	Straight, 2 mm tip, 12" (30.5 cm)
351810	Angled, 2 mm tip, 6" (15 cm)
351812	Angled, 2 mm tip, 7-3/4" (19.5 cm)
351814	Angled, 2 mm tip, 9-1/2" (24 cm)

CVT FORCEPS AND CLAMPS

Chest Drain Pulling Clamp

CHEST DRAIN PULLING CLAMP

Pointed Rochester-Pean-type hemostat with three spikes in the jaw for tunneling, grasping and pulling chest drains.

CATALOG #	DESCRIPTION
343590	8-5/8" (22 cm)

PRIME SURGICAL INTL

Prime Surgical International

MICRO

TITANIUM INSTRUMENTS
SCISSORS
Potts-Style Scissors

POTTS MICRO TITANIUM SCISSORS

With flat handle, 16 mm blades.

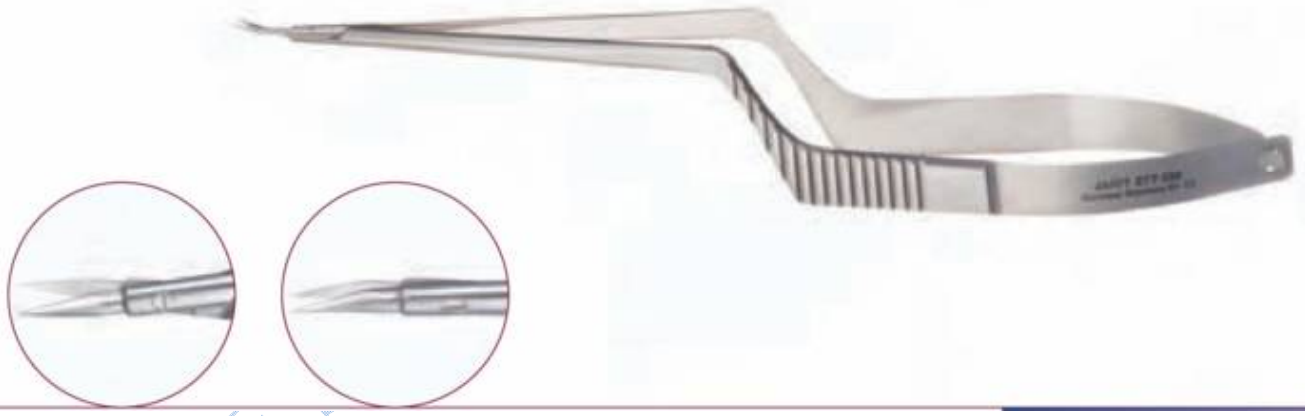
CATALOG #	DESCRIPTION
359016	Angled 25 degrees, 7-1/4" (18.5 cm)
359017	Angled 45 degrees, 7-1/4" (18.5 cm)
359018	Angled 60 degrees, 7-1/4" (18.5 cm)
359019	Angled 90 degrees, 6-3/4" (17.0 cm)
359020	Angled 130 degrees, 6-3/4" (17.0 cm)

DENNIS Micro Scissors, Round Handle, Double-Action, 7 1/4" (18.4cm), 8mm Blades

277-058	Straight blades
277-059	Curved blades

JACOBSON Scissors, Bayonet Handle, 7 1/4" (18.4cm)

277-135	Straight, 8mm micro blade
277-136	Curved, 8mm micro blade



PRIME

JACOBSON Micro Scissors, Round Handle, Micro Fine 9mm Blades

277-335	6 3/4" (17.1cm), 25° angle
277-336	6 3/4" (17.1cm), 45° angle
277-337	6 3/4" (17.1cm), 60° angle
277-338	6 1/2" (16.5cm), 90° angle
277-339	6 1/2" (16.5cm), 125° angle

JACOBSON Micro Scissors, Flat Handle, Micro Fine 9mm Blades

277-330	6 1/2" (16.5cm), 25° angle
277-331	6 1/2" (16.5cm), 45° angle
277-332	6 1/2" (16.5cm), 60° angle
277-333	6 1/4" (15.9cm), 90° angle
277-334	6 1/4" (15.9cm), 125° angle

YOU-POTTS Scissors, Fine 10mm Blades

310-305	7 1/4" (18.4cm), 45° angle
310-306	7" (17.8cm), 90° angle
310-307	7" (17.8cm), 120° angle

JACOBSON Micro Scissors, Flat Handle, 6 7/8" (17.5cm), 12mm Blades

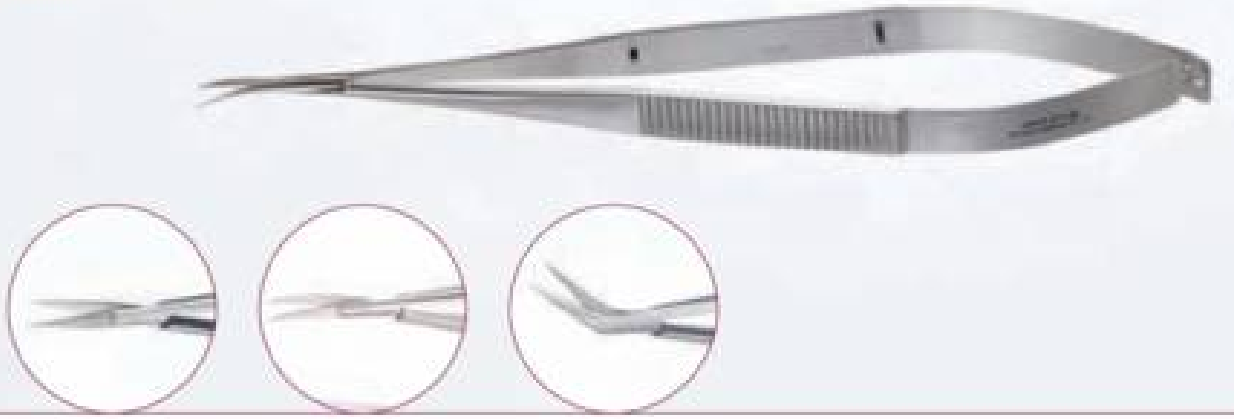
277-123	Straight blades, blunt tips
277-124	Curved blades, blunt tips

JAFFBERRI Scissors, Bayonet Handle, 7 1/4" (18.4cm)

277-130	Straight, regular 12mm blade
277-131	Curved, regular 12mm blade
277-132	Angled on edge, 8.3mm blade

JARIT Microsurgical Scissors, Flat Handle, 6 7/8" (17.5cm), 14.5mm Blades

277-120 Straight blades
277-121 Curved blades
277-122 Angled on edge



VALVE Leaflet Excision Scissors, 45° Angled on Flat, 4 1/4" (10.8cm)

310-540

POTTS Finger Arteriotomy Scissors, 45° Angled to Side, 5 1/2" (14cm), 13mm Blades

310-542

TITANIUM INSTRUMENTS
SCISSORS
Micro Scissors

MICRO TITANIUM SCISSORS

359006

With flat handle.

CATALOG #	DESCRIPTION
359003	Curved, 6-1/4" (16 cm)
359006	Straight, delicate, 6-1/4" (16 cm)
359250	Curved, serrated, 8-1/4" (21 cm)
359253	Straight, 9" (23 cm)

359003

359006

359250

359253

PRIME SURG

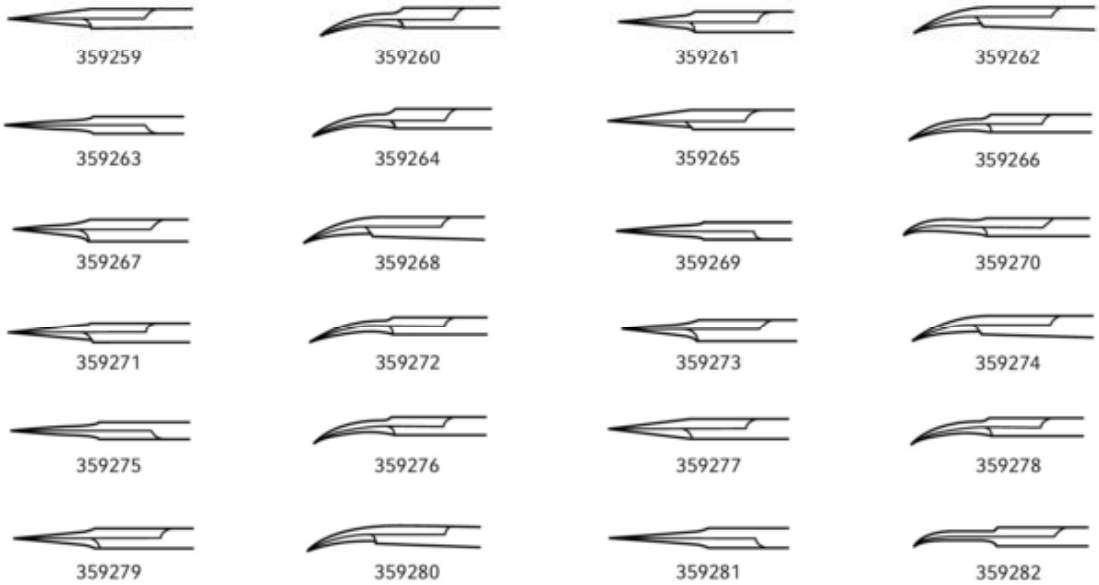
TITANIUM INSTRUMENTS
SCISSORS
Micro Scissors

MICRO TITANIUM SCISSORS

359262

With round handle.

CATALOG #	DESCRIPTION
359259	Straight, 6-1/4" (16 cm)
359260	Curved, 6-1/4" (16 cm)
359261	Straight, serrated, 6-1/4" (16 cm)
359262	Curved, serrated, 6-1/4" (16 cm)
359263	Straight, delicate, 6-1/4" (16 cm)
359264	Curved, delicate, 6-1/4" (16 cm)
359265	Straight, 7-1/8" (18 cm)
359266	Curved, 7-1/8" (18 cm)
359267	Straight, serrated, 7-1/8" (18 cm)
359268	Curved, serrated, 7-1/8" (18 cm)
359269	Straight, delicate, 7-1/8" (18 cm)
359270	Curved, delicate, 7-1/8" (18 cm)
359271	Straight, 8-1/4" (21 cm)
359272	Curved, 8-1/4" (21 cm)
359273	Straight, serrated, 8-1/4" (21 cm)
359274	Curved, serrated, 8-1/4" (21 cm)
359275	Straight, delicate, 8-1/4" (21 cm)
359276	Curved, delicate, 8-1/4" (21 cm)
359277	Straight, 9" (23 cm)
359278	Curved, 9" (23 cm)
359279	Straight, serrated, 9" (23 cm)
359280	Curved, serrated, 9" (23 cm)
359281	Straight, delicate, 9" (23 cm)
359282	Curved, delicate, 9" (23 cm)



JARIT Microsurgical Needle Holders, Extra Wide Flat Handle, Without Catch, Smooth Jaws, .5mm Micro Tip, 5 3/4" (14.6cm)

277-075	Straight jaws
277-076	Curved jaws

CASTROVIEJO Micro STARDUST Needle Holders, Round Handle, .7mm Micro Tip, 4 3/4" (12.1cm)

278-220	Straight jaws, with catch
278-221	Curved jaws, with catch
278-222	Straight jaws, without catch
278-223	Curved jaws, without catch

JARIT Microsurgical Needle Holders, Round Handle, Smooth Jaws, .7mm Micro Tip, 7" (17.8cm)

277-091	Straight jaws, with catch
277-090	Straight jaws, without catch
277-088	Curved jaws, with catch
277-094	Curved jaws, without catch

JACOBSON Needle Holders, Flat Serrated Handle, Smooth Jaws, .8mm Micro Tip, 6 7/8" (17.5cm)

277-141	Straight jaws, with catch
277-140	Straight jaws, without catch

JARIT Micro STARDUST Needle Holder, Titanium, Low Profile Box Lock, .8mm Micro Tip

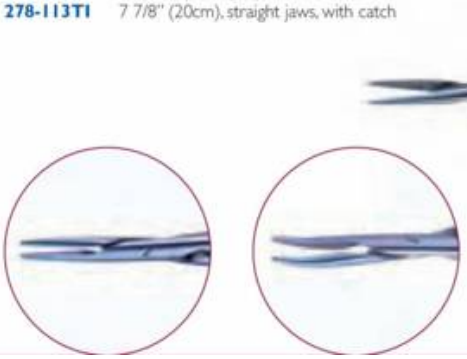
278-080TI	7" (17.8cm), flat handles, straight jaws, with catch
278-082TI	8 1/4" (21cm), flat handles, straight jaws, with catch

JARIT Micro STARDUST Needle Holder, Titanium, Low Profile Box Lock, .8mm Micro Tip

278-141TI	4 3/4" (12.1cm), straight jaws, with catch
278-093TI	7 1/8" (18.1cm), straight jaws, with catch
278-095TI	7 7/8" (20cm), straight jaws, with catch
278-097TI	9 7/8" (25.1cm), straight jaws, with catch
278-140TI	4 3/4" (12.1cm), straight jaws, without catch
278-142TI	4 3/4" (12.1cm), curved jaws, without catch

JARIT Micro STARDUST Needle Holder, Titanium, Round Handle, Low Profile Box Lock, .8mm Micro Tip

278-108TI	5 3/4" (14.6cm), straight jaws, with catch
278-111TI	7" (18cm), straight jaws, with catch
278-113TI	7 7/8" (20cm), straight jaws, with catch



JARIT Microsurgical Needle Holders, Round Handle, Smooth Jaws, .9mm Micro Tip, 7" (17.8cm)

277-883	Straight jaws, with catch
277-092	Straight jaws, without catch
277-097	Curved jaws, with catch
277-096	Curved jaws, without catch

CASTROVIEJO Needle Holders, Flat Serrated Handle, Smooth Jaws, Delicate 1.5mm Tip, 5 1/2" (14cm)

355-405	Straight jaws, with catch
355-404	Curved jaws, with catch
355-405NL	Straight jaws, without catch
355-404NL	Curved jaws, without catch

CASTROVIEJO Needle Holders, Flat Serrated Handle, Smooth Jaws, 1mm Micro Tip, 5 1/2" (14cm)

355-406	straight jaws, with catch
355-407	curved jaws, with catch
355-406NL	straight jaws, without catch
355-407NL	curved jaws, without catch

JACOBSON Needle Holders, Flat Serrated Handle, Delicate 1mm STABDIISI Tip

278-125	6 3/4" (17.1cm), straight jaws
278-125NL	6 3/4" (17.1cm), straight jaws, without catch
278-126	6 3/4" (17.1cm), curved jaws
278-126NL	6 3/4" (17.1cm), curved jaws, without catch

JARIT Microsurgical Needle Holders, Round Handle, Smooth Jaws, 1mm Micro Tip, 5 3/4" (14cm)

277-072	Straight jaws, with catch
277-070	Straight jaws, without catch
277-073	Curved jaws, with catch
277-071	Curved jaws, without catch

JARIT Needle Holder, Round Handle, 1mm Micro STARDUST Tip

278-110	7" (17.8cm), straight jaws, without catch
278-111	7" (17.8cm), straight jaws, with catch
278-116	7" (17.8cm), curved jaws, without catch
278-117	7" (17.8cm), curved jaws, with catch
278-112	8" (20.3cm), straight jaws, without catch
278-113	8" (20.3cm), straight jaws, with catch
278-118	8" (20.3cm), curved jaws, without catch
278-119	8" (20.3cm), curved jaws, with catch
278-114	9" (22.9cm), straight jaws, without catch
278-115	9" (22.9cm), straight jaws, with catch
278-120	9" (22.9cm), curved jaws, without catch
278-121	9" (22.9cm), curved jaws, with catch

CASTROVIEJO Micro STARDUST Needle Holders, With Catch, Straight Jaws, Delicate 1.3mm Tip

278-040	5 3/4" Round handle
278-050	5 1/2" Flat handle

CASTROVIEJO Needle Holders, Flat Serrated Handle, Straight Jaws, Delicate 1.3mm CARB-BITE Tip, 5 1/2" (14cm)

355-412	Smooth jaws, with catch
355-413	Serrated jaws, with catch
355-412NL	Smooth jaws, without catch
355-413NL	Serrated jaws, without catch

JARIT Microsurgical Needle Holders, Flat Serrated Handle, Straight Jaws, Delicate 1.3mm CARB-BITE Tip, 7" (17.8cm)

121-228	Smooth jaws, with catch
121-228NL	Smooth jaws, without catch
121-229	Serrated jaws, with catch
121-229NL	Serrated jaws, without catch

JARIT Microsurgical Needle Holders, Flat Serrated Handle, Straight Jaws, Delicate 1.3mm CARB-BITE Tip, 8 1/4" (21cm)

121-230	Smooth jaws, with catch
121-230NL	Smooth jaws, without catch
121-231	Serrated jaws, with catch
121-231NL	Serrated jaws, without catch

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JACOBSON Needle Holder, Flat Serrated Handle, Delicate 1.3mm STARDUST Tip

278-180	7 1/4" (18.4cm), straight jaws
278-182	7 1/4" (18.4cm), straight jaws
278-181	8 1/4" (21cm), curved jaws
278-183	8 1/4" (21cm), straight jaws
278-184	8 1/4" (21cm), straight jaws
278-185	8 1/4" (21cm), curved jaws
278-186	9 1/2" (24.1cm), straight jaws

JARIT Needle Holder, Round Handle, Straight Jaws, Delicate1.3mm STARDUST Tip

278-095	8" (20.3cm), with catch

JARIT Needle Holder, Round Handle, Curved Jaws, Delicate 1.3mm STARDUST Tip

278-101	7" (17.8cm), with catch
278-100	7" (17.8cm), without catch
278-103	8 1/4" (21cm), with catch
278-102	8 1/4" (21cm), without catch
278-105	9" (22.9cm), curved jaws, with catch
278-104	9" (22.9cm), curved jaws, without catch

JARIT Micro STARDUST Needle Holder, Titanium, Round Handle, With Catch, Low Profile Box Lock, Delicate 1.3mm Tip

278-143TI	4 3/4" (12.1cm), curved jaws
278-145TI	6" (15.2cm), straight jaws
278-147TI	6" (15.2cm), curved jaws
278-069TI	7 1/4" (18.4cm), straight jaws
278-071TI	7 1/4" (18.4cm), curved jaws
278-078TI	8" (20.3cm), curved jaws

JARIT Micro STARDUST Needle Holder, Titanium, Round Handle, Without Catch, Low Profile Box Lock, Delicate 1.3mm Tip

278-144TI	6" (15.2cm), straight jaws
278-146TI	6" (15.2cm), curved jaws
278-070TI	7 1/4" (18.4cm), straight jaws
278-072TI	7 1/4" (18.4cm), curved jaws
278-077TI	8" (20.3cm), straight jaws
278-079TI	8" (20.3cm), curved jaws

JACOBSON STARDUST Needle Holder, Round Handle, With Catch, Low Profile Box Lock, Heavy Style, 1.2mm Tip

278-060	6 1/8" (15.6cm), straight jaws
278-061	6 1/8" (15.6cm), straight jaws
278-062	6 1/8" (15.6cm), curved jaws
278-063	6 1/8" (15.6cm), curved jaws

JACOBSON STARDUST Needle Holder, Round Handle, With Catch, Low Profile Box Lock, Heavy Style, 2mm Tip

278-130	7 1/2" (19.1cm), straight jaws
278-131	7 1/2" (19.1cm), curved jaws
278-132	9" (22.9cm), straight jaws
278-133	9" (22.9cm), curved jaws
278-134	10" (25.4cm), straight jaws
278-135	10" (25.4cm), curved jaws

JACOBSON STARDUST Needle Holder, Round Handle, Without Catch, Low Profile Box Lock, Heavy Style, 1mm Tip

278-131NL	7 1/2" (19 cm), curved jaws
278-130NL	7 1/2" (19 cm), straight jaws
278-133NL	9" (22.9cm), curved jaws
278-132NL	9" (22.9cm), straight jaws
278-135NL	10" (25.4cm), curved jaws
278-134NL	10" (25.4cm), straight jaws

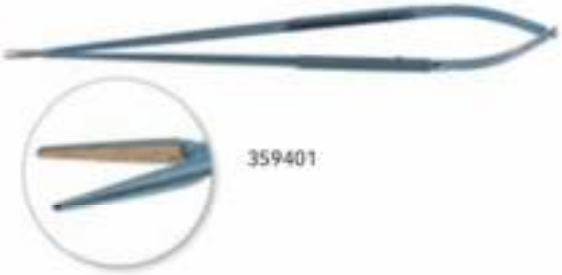
JACOBSON STARDUST Needle Holder, Titanium, Round Handle, Low Profile Box Lock, Heavy Style, 1mm Tip

278-171TI	7 1/8" (18.1cm), straight jaws, with catch
278-172TI	7 1/8" (18.1cm), curved jaws, with catch
278-173TI	7 1/8" (18.1cm), straight jaws, without catch
278-174TI	7 1/8" (18.1cm), curved jaws, without catch

PRIME SU

TITANIUM INSTRUMENTS
NEEDLE HOLDERS
Round Handle Micro Needle Holders

JACOBSON MICRO TITANIUM NEEDLE HOLDERS



Straight, round handle with lock. Diama-Grip jaws.

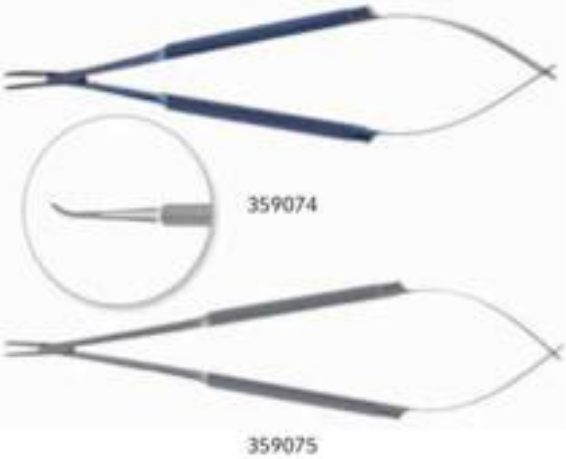
CATALOG #	DESCRIPTION
359402	Heavyweight, 2 mm jaw, 9" (23 cm)
359401	12 x 1 mm jaw, 9" (23 cm)
359403	16 mm jaw, 8-1/4" (21 cm)

JACOBSON TITANIUM CASTROVIEJO NEEDLE HOLDERS

Round handle with lock. Diama-Grip jaws.

CATALOG #	DESCRIPTION
359071	Straight, 1.8 mm jaw, 8-1/4" (21 cm)
359343	Curved, 1.1 mm jaw, 9" (23 cm)

MICRO TITANIUM CASTROVIEJO NEEDLE HOLDERS



Round handle, Diama-Grip jaws.

CATALOG #	DESCRIPTION
359069	Straight, with lock, 1 mm jaw, 7-1/8" (18 cm)
359073	Straight, 1 mm jaw, 6-1/4" (16 cm)
359074	Curved, 1 mm jaw, 6-1/4" (16 cm)
359075	Straight, 1 mm jaw, 7-1/8" (18 cm)
359340	Straight, 1.1 mm jaw, 9" (23 cm)
359342	Curved, 1.1 mm jaw, 9" (23 cm)

TITANIUM INSTRUMENTS
NEEDLE HOLDERS

Round Handle Micro Needle Holders

MICRO TITANIUM CASTROVIEJO NEEDLE HOLDERS

Straight, round handle, serrated jaws.

CATALOG #	DESCRIPTION
359344	1 mm jaw, 6-1/4" (16 cm), TC
359345	With lock, 1 mm jaw, 6" (16 cm), TC
359346	7-1/8" (18 cm), TC
359347	With lock, 8.8 x 1.3 mm jaw, 7-1/8" (18 cm), TC
359349	1.5 mm jaw, 8-1/4" (21 cm), TC
359350	With lock, 1.4 mm jaw, 8-1/4" (21 cm), TC
359352	With lock, 1.5 mm jaw, 9" (23 cm), TC

Flat Handle Micro Needle Holders

MICRO TITANIUM CASTROVIEJO NEEDLE HOLDERS

Diama-Grip jaws with flat handle.

CATALOG #	DESCRIPTION
359061	Straight, 9 x 1 mm jaw, 6-1/4" (16 cm)
359063	Straight, 9 x 1 mm jaw, 7-1/8" (18 cm)
359328	Straight, 9 x 1 mm jaw, 9" (23 cm)
359062	Curved, 8 x 1 mm jaw, 6-1/4" (16 cm)
359059	Straight with lock, 9 x 1 mm jaw, 8-1/4" (21 cm)
359329	Straight with lock, 9 x 1 mm jaw, 9" (23 cm)
359055	Straight with lock, 9 x 1 mm jaw, 6-1/4" (16 cm)
359058	Curved with lock, 8 x 1 mm jaw, 7-1/8" (18 cm)

MICRO TITANIUM CASTROVIEJO NEEDLE HOLDERS TC

Straight, serrated with flat handle and lock.

CATALOG #	DESCRIPTION
359335	Straight with lock, 9 x 1 mm jaw, 7-1/8" (18 cm), TC
359339	Straight with lock, 8 x 1.4 mm jaw, 9" (23 cm), TC

COOLEY Vascular Tissue Forceps, Delicate 1mm Cross-Serrated Tips

320-119	7 7/8" (20cm)

DeBAKEY-DIETRICH Vascular Tissue Forceps, Straight, Delicate 1mm Tips

320-050	6" (15.2cm)
320-051	7 3/4" (19.7cm)
320-052	9 1/2" (24.1cm)

DeBAKEY-DIETRICH Coronary Artery Forceps, Titanium, Delicate 1.3mm Tips

320-113TI	6 1/8" (15.6cm)
320-114TI	7 1/8" (18.1cm)
320-115TI	8 1/4" (21cm)

DeBAKEY Forceps, Titanium, 1.5mm Tips

320-080TI	6" (15.2cm)
320-081TI	7 3/4" (19.7cm)
320-082TI	9 1/2" (24.1cm)

DeBAKEY-DIETRICH Coronary Artery Forceps, 1.5mm Tips

320-113	6" (15.2cm)
320-114	7 3/4" (19.7cm)
320-115	9 1/2" (24.1cm)
320-099	11 7/8" (30.2cm)

DeBakey Forceps, Titanium, Round Handle, 1.8mm Tips

320-111TI	7 1/8" (18.1cm)

RHOTON-Type Suture Tying Forceps, Round Handle, Delicate, 1mm Platform Tips

277-049	7 1/8" (18cm), straight

JARIT Micro Forceps, Titanium, Round Handle, STARDUST Platform Tips

279-093TI	7 1/8" (18.1cm), straight
279-094TI	7 1/8" (18.1cm), curved
279-097TI	8 1/4" (21cm), straight
279-098TI	10" (25.4cm), straight

JARIT Microsurgical Forceps, Round Handle, With Platform Tips, 7 1/8" (18.4cm)

277-040	7 1/4" (18.4cm) straight, 0.5mm micro tip
277-044	7 1/8" (18cm) curved, 0.5mm micro tip
277-042	7 1/8"(18cm) straight, 1mm delicate tip
277-046	7 1/8" (18cm) curved, 1mm delicate tip
277-041	7 1/8" (18cm) straight, 0.5mm micro tip, 1 × 2 teeth
277-045	7" (17.8cm) curved, 0.5mm micro tip, 1 × 2 teeth
277-043	7 1/8" (18cm) straight, 1mm delicate tip, 1 × 2 teeth
277-047	7 1/8" (18cm) curved, 1mm delicate tip, 1 × 2 teeth

JARIT Micro Suture Tying Forceps, Round Handle, With .5mm Micro Platform Tips

277-080	6" (15.2cm), straight
277-081	6" (15.2cm), curved

JARIT Micro Forceps, Round Handle, .8mm Micro DeBakey Tips

279-149	7 1/8" (18.1cm)

JARIT Micro Forceps, Round Handle, Delicate 1mm STARDUST Platform Tips

279-100	7 1/4" (18.4cm), straight
279-105	7 1/8" (18cm), curved
279-150	7" (17.8cm), 1x2 teeth
279-101	8 1/4" (21cm), straight
279-106	8 1/4" (21cm), curved
279-102	9" (22.9cm), straight
279-107	9" (22.9cm), curved

DENNIS Micro Forceps, With Counter Balance, Round Handle, Delicate 1mm STARDUST Platform Tips

279-158	7 1/8" (18.1 cm), straight
279-159	7 1/8" (18.1 cm), curved
279-125	8 3/8" (21.3cm), straight

MILLS Coronary Mammary Tissue Forceps

310-528	7 1/8" (18.1cm), 1mm ring tip

JARIT Micro Ring Forceps, Delicate 1mm STARDUST Ring Tips

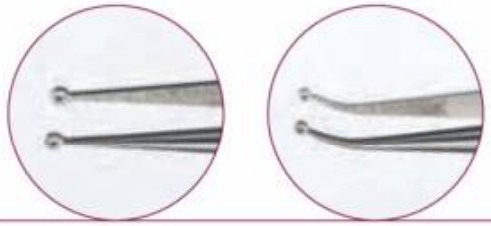
279-110	7 1/4" (18.4cm), straight
279-130	7 1/8" (18.1cm), curved
279-111	8 1/4" (21cm), straight
279-131	8 1/4" (21cm), curved
279-112	9" (22.9cm), straight

JARIT Micro Ring Forceps, Titanium, STARDUST Tips

279-083TI	6" (15.2cm), 1mm ring tips
279-088TI	6" (15.2cm), 2mm ring tips
279-084TI	7 1/8" (18.1cm), 1mm ring tips
279-088TI	7 1/8" (18.1cm), 2mm ring tips

DENNIS Micro Ring Forceps, With Counter Balance, Round Handle, 1mm STARDUST Tips

279-113	6" (15.2cm), straight
279-114	6" (15.2cm), curved
279-115	7 3/8" (18.7cm), straight
279-116	7 3/8" (18.7cm), curved
279-117	8 1/4" (21cm), straight
279-118	8 1/4" (21cm), curved
279-119	9 1/8" (23cm), straight
279-120	9 1/8" (23cm), curved
279-121	9 7/8" (25.1cm), straight
279-122	9 7/8" (25.1cm), curved



DENNIS Micro Ring Forceps, Titanium, With Counter Balance, Round Handle, Straight, 1mm STARDUST Tips

279-110TI	7 1/8" (18.1cm)
279-111TI	8 1/8" (20.1cm)
279-112TI	9 1/8" (23cm)

BROLI-ADSON Forceps, 1.2 mm Tips

130-246	5 1/8" (13cm), straight, serrated tips
130-247	5 1/8" (13cm), curved, serrated tips
130-248	5 1/8" (13cm), straight, STARDUST tips
130-249	5 1/8" (13cm), straight, 1x2 teeth

GERALD STARDUST Forceps, Titanium, Delicate 1mm Platform Tips

279-150TI	7" (17.8cm)
279-151TI	8 1/4" (21cm)

GERALD Forceps, Titanium, Delicate 1mm DeBakey Tips

285-131TI	7" (17.8cm)
285-132TI	8 1/4" (21cm)

GERALD Forceps, Delicate 1.2mm DeBakey Tips

285-126	7" (17.8cm)
285-132	7 7/8" (20cm)
285-130	9 1/2" (24.1cm)

GERALD Forceps, Delicate 1.2mm Tips

285-120	6 7/8" (17.5cm), serrated tips
285-128	9 1/4" (23.5cm), serrated tips
285-135	9 7/8" (25cm), cross-serrated tips

PRIME SURGICAL INTERN

RETRACTORS

Zia ur Rahman
0092-300-2621673
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PRIME
Surgical International
Deals in All Kinds of Quality Instruments
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zia@primeinstrumentintl.com www.primeinstrumentintl.com
Office # 25, Ground Floor, Queen Center M.T. Khan Road, Karachi.

GARRETT Peripheral Vascular, Self-Retaining Retractor

205-560	Retractor set: retractor body and 3 pairs of (6) detachable blades
205-561	Garrett retractor body only
205-562	Small blades, width 1 1/2" (3.8cm), depth 1 1/4" (3.2cm), pair
205-563	Medium blades, width 1 1/2" (3.8cm), depth 2 1/4" (5.7cm), pair
205-564	Large blades, width 1 1/2" (3.8cm), depth 3 1/4" (8.3cm), pair

DARLING Popliteal Retractors, Self-Retaining

205-260 Left: Total opening 3 3/4" (9.5cm), overall length 6 1/2" (16.5cm)
Short blade, width 1" (2.5cm), depth 2 1/8" (5.4cm), Left
Long blade, width 1 1/2" (3.8cm), depth 3" (7.6cm), Left

205-261 Right: Total opening 3 3/4" (9.5cm), overall length 6 1/2" (16.5cm)
Short blade, width 1" (2.5cm), depth 2 1/8" (5.4cm), Right
Long blade, width 1 1/2" (3.8cm), depth 3" (7.6cm), Right

OCHSNER Vascular Retractor, Self-Retaining, Swivel Blades, Flexible Arms

205-570 Total opening 5 1/2" (14cm), total length 8" (20.3cm)
Arm length: 3 1/4" (8.3cm)
Blades: width 1" (2.5cm), depth 2" (5.1cm)

PARSONNET Epicardial Retractor, 3 x 3 Sharp Prongs

310-505	1 7/8" (4.8cm)
310-506	1 1/2" (3.8cm)
310-507	1 1/4" (3.2cm)
310-508	1" (2.5cm)

DAVIDSON Scapula Retractors

300-450	Small, blade width 3" (7.6cm), depth 2" (5.1cm)
300-451	Large, blade width 3" (7.6cm), depth 3 1/2" (8.9cm)

BREE Aortic Valve Retractors, 18" (45.4cm)

310-140	No. 1 blade: 5/8" x 5/8" (1.5cm x 1.6cm)
310-141	No. 2 blade: 1/2" x 7/8" (1.3cm x 2.3cm)
310-142	No. 3 blade: 3/4" x 1" (1.8cm x 2.5cm)
310-143	No. 4 blade: 1/2" x 1 1/8" (1.3cm x 2.9cm)
310-144	No. 5 blade: 1 1/8" x 1 1/8" (2.9cm x 2.9cm)
310-145	No. 6 blade: 1 3/8" x 3/4" (3.5cm x 2.1cm)

CUSHING Vein Retractor, Blade 3/8" x 7/16" (9.5 x 11mm)

200-135	9" (22.9cm)
200-136	11" (27.9cm)
200-137	14" (35.6cm)

LOVE Nerve Root Retractor, 7mm Blade, 7 3/4" (19.7cm)

285-420	Straight
285-421	45° angle
285-422	90° angle

RICHARDSON Retractor, Long Handle, 8 1/2" (21.6cm)

202-155	Blade 3/4" wide x 1" deep (1.9 x 2.5cm)
202-156	Blade 1" wide x 1 1/4" deep (2.5 x 3.2cm)
202-157	Blade 1 1/2" wide x 1 1/2" deep (3.8 x 3.8cm)

RICHARDSON Appendectomy Retractor, Loop Handle, 9 1/4" (23.5cm)

202-160	Blade 3/4" wide x 2" deep (1.9 x 5.1cm)

81 M Retractor

205-100	2 3/4" (7cm), spread 2" (5.1cm)
205-105	4" (10.2cm), spread 2 1/2" (6.4cm)

COOLEY Atrial Valve Retractors

310-150	Right, width 7/8" (2.2cm), depth 1 7/8" (4.8cm)
310-151	Right, width 1 1/2" (3.8cm), depth 2" (4.8cm)
310-152	Right, width 2" (4.8cm), depth 1 3/4" (4.5cm)
310-155	Left, width 2" (5.1cm), depth 1" (2.5cm)

ALLISON Lung Retractors

310-420	Large, 12 1/2" (32cm), 2 1/8" wide (5.4cm)
310-424	Small, 10 1/4" (26cm), 1 1/2" wide (3.8cm)

DESMARRES-Type Valve Retractors, 7 1/4" (18.4cm), Malleable

310-490	4mm wide
310-491	6mm wide
310-492	8mm wide
310-493	10mm wide
310-494	12mm wide
310-495	15mm wide

CRAWFORD Aortic Retractors, 7 7/8" (20cm)

310-500	Small, blade width 1/2" (1.5cm), depth 5/8" (1.8cm)
310-502	Large, blade width 7/8" (2.2cm), depth 1" (2.4cm)

JARITRAK IMA Set

206-104	Includes the following parts which can be ordered separately:
206-160	Table Clamp, with Vertical Post
206-168	Horizontal Solid Bar
206-170	Post Clamp
206-250	IMA Cross Bar
206-252	IMA Retractor Blade with Clamp Assembly, (two pieces)
206-182	Sterilization Case

JARITRAK Abdominal Aortic Aneurysm Set

206-100	Includes the following parts which can be ordered separately:
206-124	Small Oval Ring, 8 1/2 x 12"
206-128	Medium Oval Ring, 10 1/2 x 15"
206-132	Large Oval Ring, 12 1/2 x 16 1/2"
206-160	Table Clamp with Vertical Post (shown above)
206-168	Horizontal Solid Bar (shown above)
206-170	Post Clamp
206-174	Tilting Blade Clamp, set of 4 (not shown)
206-200	Small Kelly Blade, 2" x 3"
206-202	Medium Kelly Blade, 2" x 4"
206-212	Medium Malleable Blade, 2" x 6"
206-226	Small Balfour Blade, 3" x 2 1/2"
206-180	Sterilization Case (pictured above)

FAVALORO-MORSE Sternal Retractor

300-253 Spread: 9" (22.9cm)
Arm Length: 6" (15.2cm)
Blades: 1 1/8" x 1 1/2" deep (3cm x 4cm)

MORSE Sternal Retractors

300-250 Child size, spread: 6" (15.5cm), arm length: 4 7/8" (12.4cm), blades: 7/8" x 3/4" deep (2.2cm x 1.8cm)
300-251 Adult size, spread: 9" (23cm), arm length: 5 3/4" (14.7cm), blades: 1 1/8" x 1" deep (2.9cm x 2.4cm)

ANKENEY Sternal Retractor, Adult, Six Swivel Blades, with Suture Holding Springs

300-165 Spread: 7 3/4" (19.7cm)
Arm length: 13 1/2" (34.3cm)
Blades: 1 3/8" x 1 3/8" deep (3.5cm x 3.5cm)

300-166 Set of six deep blades: 1 3/8" x 2" deep (3.5cm x 5.1cm)

ANKENEY Sternal Retractor, Child, Aluminum Arms with Stainless Steel Rack

300-160 Spread: 4 3/4" (12cm)
Arm length: 4 1/2" (11.4cm)
Blades: 3/4" x 1" deep (1.9cm x 2.5cm)

COOLEY Sternal Retractors

300-260	Child size, spread: 5 1/4" (13.3cm), arm length: 4 1/2" (11.4cm), blades: 1 3/4" x 1" deep (4.5cm x 2.7cm)
300-261	Adult size, spread: 6 1/2" (16.5cm), arm length: 5 1/2" (13.9cm), blades: 1 1/2" x 2" deep (3.9cm x 5.1cm)
300-262	Extra large, spread: 7 1/4" (18.5cm), arm length: 6" (15.5cm), blades: 4" x 1 1/8" deep (10.2cm x 3cm)

COOLEY Pediatric Sternal Retractors, Arms and Blades Aluminum, Ratchet Bar Stainless Steel

320-515	Spread: 2 3/4" (7cm), arm length: 2 1/4" (5.6cm), blades: 5/8" x 5/8" deep (1.6cm x 1.6cm)
320-516	Spread: 3 1/2" (8.9cm), arm length: 3" (7.6cm), blades: 3/4" x 3/4" deep (1.8cm x 1.8cm), with teeth
320-514	Spread: 3 3/4" (9.6cm), arm length: 3" (7.8cm), blades: 1 1/8" x 7/8" deep (2.9cm x 2cm)

COOLEY Neonatal Sternal Retractor, Arms and Blades Aluminum, Ratchet Bar Stainless Steel

320-510	Spread: 2 3/4" (7cm), arm length: 2 1/8" (5.5cm), blades: 5/8" x 1/2" deep (1.7cm x 1.4 cm)

CASTANEDA Sternal Retractor, Arms and Blades Aluminum, Ratchet Bar Stainless Steel

300-190	Newborn size, spread: 2 1/2" (6.5cm), arm length: 2 1/8" (5.4cm), blades: 1 1/4" x 1/2" deep (3.3cm x 1.3cm)
300-193	Infant size, spread: 3 1/2" (8.8cm), arm length: 3 1/8" (7.9cm), blades: 1 3/4" x 5/8" deep (4.5cm x 1.7cm)
300-194	Child size, spread: 4 1/8" (10.5cm), arm length: 5" (12.8cm), blades: 2 3/8" x 7/8" deep (6cm x 2.2cm)

HIMMELSTEIN Sternal Retractor

300-205
Spread: 7 1/4" (18.5cm)
Arm length: 5 3/4" (14.7cm)
Blades: 1 3/8" x 1 1/8" deep (3.5cm x 3cm)

HARKEN Rib Spreader and Scapula Retractor, 2 Pair of Blades

300-185
Spread: 11" (28cm)
Arm length: 8 1/2" (21.5cm)
Fixed blades: 2 1/2" x 2" deep (6.4cm x 5.3cm)
Scapula blades: 2" x 2" deep (4.9cm x 5.1cm)

BURFORD Rib Spreader, 2 Pair of Interchangeable Blades

300-175

Spread: 8" (20.5cm)
Arm length: 7 3/4" (19.5cm)
Small blades: 2 1/2" x 2" deep (6.4cm x 5cm)
Large blades: 2 1/2" x 3 1/8" deep (6.4cm x 8cm)

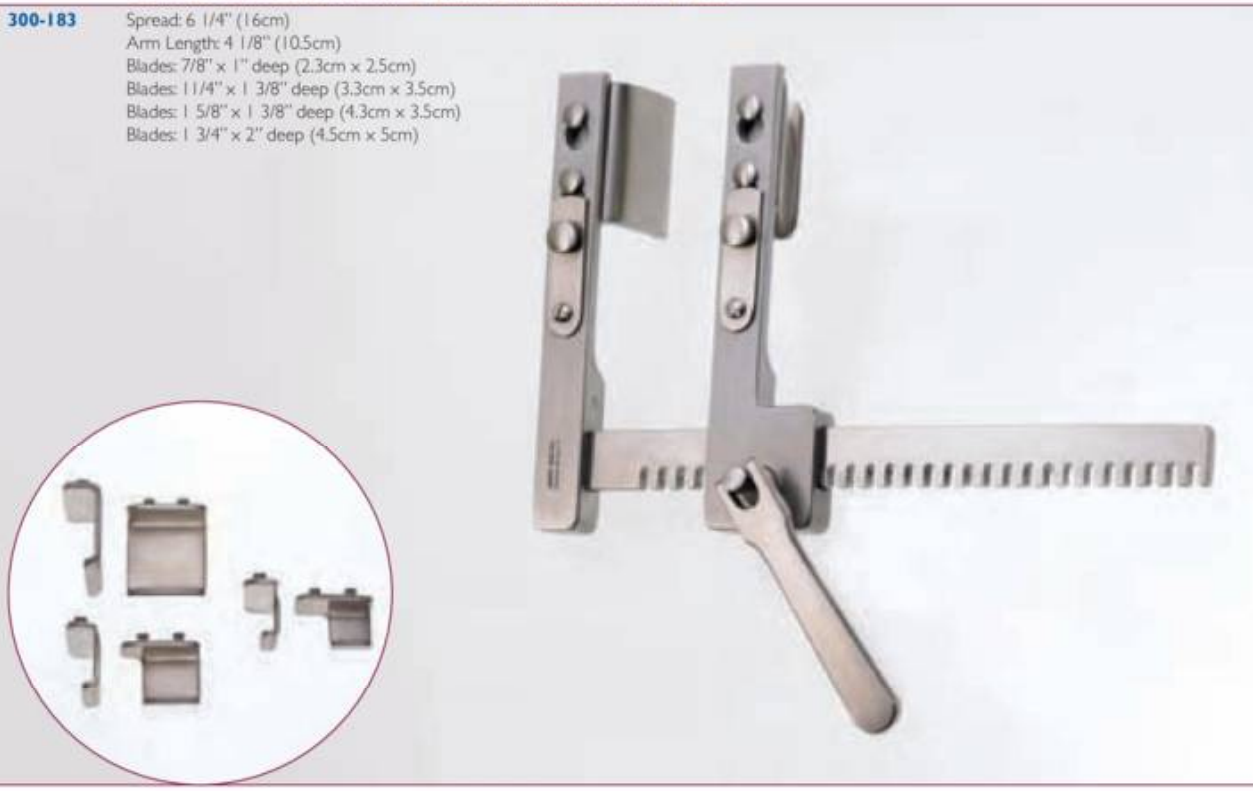
BURFORD Rib Spreader, 2 Pair of Interchangeable Blades, Arms and Blades Aluminum, Ratchet Bar Stainless Steel

300-180

Spread: 7" (17.8cm)
Arm length: 7 3/4" (19.5cm)
Small blades: 2 3/8" x 2 1/8" deep (6.2cm x 5.3cm)
Large blades: 2 3/8" x 2 7/8" deep (6.2cm x 7.3cm)

BURFORD-FINOCHIETTO Rib Spreader, Child Size, 2 Pair of Blades

300-183
Spread: 6 1/4" (16cm)
Arm Length: 4 1/8" (10.5cm)
Blades: 7/8" x 1" deep (2.3cm x 2.5cm)
Blades: 11/4" x 1 3/8" deep (3.3cm x 3.5cm)
Blades: 1 5/8" x 1 3/8" deep (4.3cm x 3.5cm)
Blades: 1 3/4" x 2" deep (4.5cm x 5cm)



FINOCHIETTO Rib Spreaders, Curved Arms

300-100 Child size, spread: 5 3/8" (13.8cm), arm length: 5 1/4" (13.5cm), blades: 1 3/4" x 1 5/8" deep (4.4cm x 4.3cm)
300-105 Adult size, medium, spread: 7 7/8" (20cm), arm length: 7 1/4" (18.4cm), blades: 2 1/2" x 2 1/8" deep (6.6cm x 5.5cm)
300-115 Adult size, large, spread: 7 7/8" (20cm), arm length: 7 1/4" (18.4cm), blades: 2 1/2" x 2 7/8" deep (6.6cm x 7.3cm)

FINOCHIETTO Rib Spreaders, Curved Arms

300-100 Child size, spread: 5 3/8" (13.8cm)
Arm length: 5 1/4" (13.5cm),
Blades: 1 3/4" x 1 5/8" deep (4.4cm x 4.3cm)

FINOCHIETTO Infant Rib Spreader

300-200 Spread: 3 1/4" (8.3cm)
Arm length: 2 3/4" (7cm), Straight Arms
Blades: 3/4" x 3/4" deep (1.9cm x 1.9cm)

300-202 Spread: 2 3/4" (6.9cm)
Arm length: 2 1/4" (5.6cm), Curved Arms
Blades: 3/4" x 7/8" deep (2.1cm x 2.2cm)

FINOCHIETTO Infant Rib Spreader-Approximator

300-225 Spread: 3" (7.5cm) Arm length: 2 3/8" (6cm) Blades: 3/4" x 7/8" deep (2cm x 2.2cm)

BAILEY-FINOCHIETTO Pediatric Rib Spreader, Arms and Blades Aluminum, Ratchet Bar Stainless Steel

320-518 Spread: 2 1/2" (6.5cm), arm length: 2 1/8" (5.5cm), blades: 5/8" x 5/8" deep (1.5cm x 1.5cm)

BAILEY-FINOCHIETTO Pediatric Rib Spreader, Titanium

320-517TI Spread: 2 7/8" (7.2cm), arm length: 2 1/4" (5.9cm), blades: 3/4" x 3/4" deep (2cm x 2cm)

HAIGHT-FINOCHIETTO Pediatric Rib Spreader, Arms and Blades Aluminum, Ratchet Bar Stainless Steel

300-213 Spread: 3 1/2" (9cm)
Arm length: 3 1/8" (8cm)
Blades: 1 1/8" x 1 3/8" deep (3cm x 3.5cm)

HAIGHT Pediatric Rib Spreaders

300-210	Spread: 4 3/4" (12cm), arm length: 2 1/2" (6.4cm), blades: 1 1/8" x 1 3/8" deep (3cm x 3.5cm)
300-211	Spread: 4 3/4" (12cm), arm length: 3 1/2" (9cm), blades: 1 3/16" x 1 3/8" deep (3cm x 3.5cm)

TUFFIER Rib Spreaders

300-150	Roughened blades, spread: 6 3/4" (17.2cm), arm length: 4 1/4" (10.8cm), blades: 1 3/4" x 2" deep (4.4cm x 5.1cm)
300-151	Grooved blades, spread: 6 7/8" (17.5cm), arm length: 4 1/4" (10.8cm), blades: 1 3/4" x 2" deep (4.4cm x 5.1cm)

BAILEY Rib Contractor, 8" (20cm), Adult

300-230

BAILEY Rib Contractor, 6 1/4" (16cm), Pediatric

300-231

BAILEY-GIBBON Rib Contractor, 8" (20.5cm), Adult

300-235

LEMMON Sternal Approximator, 7" (18cm), Adult

300-238

CVT RETRACTORS

Henly-Type Retractors

IMPROVED HENLY RETRACTORS

351679

With interchangeable center blades and side blades.

CATALOG #	DESCRIPTION
351679	Henly Retractor with straight arms, side blades slide onto arms, complete with blades
351680	Henly Retractor with arms spread outward. Both are complete with: 1 Frame 3 Center Blades in size 3/4" (2.2 cm), 1" (2.5 cm), 1-1/4" (3.2 cm) deep x 5/8" (16 mm) wide 1 Pair Side Blades, blunt prongs, 7/8" (2.2 cm) wide by 2" (5.1 cm) deep 1 Pair Side Blades, blunt prongs, 7/8" (2.2 cm) wide by 3" (7.6 cm) deep

351680

IMPROVED HENLY RETRACTOR SIDE BLADES

341676

Shallow, medium and deep interchangeable sliding side blades.

CATALOG #	DESCRIPTION
351676	1 pair, 1" x 7/8" (2.5 x 2 cm)
351677	1 pair, 2" x 7/8" (5 x 2 cm)
351678	1 pair, 3" x 7/8" (7.5 x 2 cm)

CVT RETRACTORS

Henly-Type Retractors

PILLING® MULTIPURPOSE RETRACTORS

351666
351667
351668

351669
351670
351671

351675

351784

A versatile, self-retaining Henly-type retractor designed for use in the following surgical specialties: peripheral vascular surgery in the carotid, subclavian, femoral, popliteal and tibial regions. Spinal surgery in the cervical and lumbar regions. Orthopedic surgery in shoulder and hip procedures. General surgery for inguinal hernia, appendectomy and many minor procedures.

CATALOG #	DESCRIPTION
351666	Side blade 1-1/8" x 7/8" (3 x 2 cm) for 351675
351667	Side blade 2-1/8" x 7/8" (5.5 x 2 cm) for 351675
351668	Side blade 3-1/8" x 7/8" (8 x 2 cm) for 351675
351669	Center blade, 7/8" x 5/8" (2 x 1.5 cm) for 351675
351670	Center blade, 1-1/8" x 5/8" (3 x 1.5 cm) for 351675
351671	Center blade, 1-1/4" x 5/8" (3 x 1.5 cm) for 351675
351672	Center blade, 2" x 5/8" (5 x 1.5 cm) for 351675
351673	Center blade, 2-1/2" x 5/8" (6.5 x 1.5 cm) for 351675
351675	Pilling® Multipurpose Retractor, complete with: • 1 Frame with 3-1/8" (7.8 cm) spread • 3 Center Blades in sizes 7/8" (2.2 cm), 1-1/8" (2.8 cm), 1-1/4" (3.2 cm) deep x 5/8" (1.6 cm) wide • 3 pair of Side Blades 1-1/8" (2.9 cm), 2-1/8" (5.5 cm), and 3-1/8" (8.0 cm) deep x 7/8" (2.2 cm) wide • Self-retaining, with interchangeable center and side blades. Ball-snap attachment of side blades. Swivel side blades rotate 360 degrees.
351784	Two Extra Long Center Blades Sizes 1-1/2" (3.8 cm) and 1-3/4" (4.5 cm) deep x 5/8" (1.6 cm) wide Fits all Henly and Multipurpose Retractors

CVT RETRACTORS

Hand-Held

ROOS BRACHIAL PLEXUS ROOT RETRACTOR

341992

Designed to protect the T-1 cervical root from trauma by the rib shears or other instruments during posterior resection of the first rib. 14-1/4" (36 cm) length, 10" (25.5 cm) working length.

CATALOG #	DESCRIPTION
341992	Angled, 13.5 mm wide blade

WYLIE RENAL VEIN RETRACTORS

341795

341797

Designed for the retraction of the left renal vein during procedures on the abdominal aorta or renal arteries. Gently curved distal tip for atraumatic control. Stainless steel.

CATALOG #	DESCRIPTION
341795	Short, 1" wide x 3-3/4" deep (2.5 x 9.5 cm) blade, 11-3/4" (30 cm)
341797	Long, 1" wide x 6-7/8" deep (2.5 x 17.5 cm) blade, 12-3/4" (32.5 cm)

CVT RETRACTORS

Hand-Held

DAVIDSON SCAPULA RETRACTORS

CATALOG #	DESCRIPTION
341650	Small size, blade 2" (5 cm) wide, 7-3/4" (19.5 cm)
341651	Large size, blade 3-1/2" (9 cm) wide, 7-3/4" (19.5 cm)

HAIGHT RETRACTORS

Malleable "T"-shaped blades. For abdominal and intra-thoracic surgery.

CATALOG #	DESCRIPTION
341690	3" wide x 11-1/2" long (7.5 x 29 cm)
341692	3-1/2" wide x 11-3/4" long (9 x 30 cm)
341694	4" wide x 12" long (10 x 30.5 cm)
341696	4-3/4" wide x 12-3/4" long (12 x 32.5 cm)
341698	5-1/2" wide x 13-1/2" long (14 x 34.5 cm)

CVT RETRACTORS

Hand-Held

CUSHING DECOMPRESSION RETRACTOR

CATALOG #	DESCRIPTION
481220	21 x 10 mm blade, 8-1/8" (20.5 cm)

CUSHING NERVE AND VEIN RETRACTOR

Pilling® Pattern, satin finish.

CATALOG #	DESCRIPTION
164865	12 mm wide blade, 8-1/2" (21.5 cm)

CUSHING NERVE AND VEIN RETRACTORS

Weck® Pattern, bright finish.

CATALOG #	DESCRIPTION
481230	16 x 15 mm blade, 8-5/8" (22 cm)
481231	14.5 x 15 mm blade, 12-3/4" (32.5 cm)

CVT RETRACTORS

Sternal Closure

KIRKLIN STERNAL AWLS

342043

342044

For use in wiring the sternum. Wrench included.

CATALOG #	DESCRIPTION
342043	Working length 2" (5 cm), 7-1/8" (18 cm)
342044	Needle only for Kirklin awl, 2-3/4" (7 cm)

SWEET MODIFIED STERNAL PUNCH

342040

Perforating blade is hook-shaped to bring suture material back through hole. Dull, non-glare finished stainless steel.

CATALOG #	DESCRIPTION
342040	10" (25.5 cm)

Hand-Held

ALLISON LUNG RETRACTORS

341678

341679

Wire, spatula-shaped blade.

CATALOG #	DESCRIPTION
341678	Child size, 10-1/4" (26 cm)
341679	Adult Size, 12-3/8" (31.5 cm)

CVT RETRACTORS

Sternal Closure

PILLING®-WOLVEK STERNAL APPROXIMATION AND FIXATION SYSTEM

342000

342002

342004

342006

142550

The Wolvek System with its unique suture locking device affords positive, secure sternal approximation and elimination of the problems associated with twisted wire.

Low Profile Stainless Steel Locking Plate:
- Eliminates need for twisting wire.
- More secure closure, at least twice the tensile strength of twisted wire.
- Greater patient comfort.
- Eliminates chance of wire breakage associated with twisting action.
- Less chance of skin perforation.

Sternal Approximator:
- Allows constant tension to be applied as each wire is tightened and locked.
- Provides rigid fixation which will lessen the motion between the edges of the sternum, hasten healing and provide more patient comfort.

Complete P-W Approximator and Fixation System includes 1 Approximator, 1 Locking Plate Crimper, 1 Wire Cutter, Stainless Steel Storage and Case and 1 box 342006.

CATALOG #	DESCRIPTION
342000	Complete Pilling®-Wolvek Approximator and Fixation System Includes: 1 Approximator, 1 Locking Plate Crimper, 1 Wire Cutter, Stainless Steel Storage and Case and 1 box 342006 (Locking Plates).
342002	Sternal Approximator
342004	Locking Plate Crimper
342006	Locking Plates (suture not included) 8 plates per package (10 packages per box). Only the following sternal sutures and needles should be used with locking plates. Deknatel® Product No. 29-7271M4 Ethicon Product No. M650 The suture wire supplied by these manufacturers is manufactured from type 316L stainless steel as are the locking plates. Suture wire of unknown origin or type may not be metallurgically compatible with the locking plates.
142550	Pilling® Stainless Steel Wire Cutter, 6-7/8" (17.5 cm)
343030	Berry Sternal Needle Holder, 7-3/4" (19.5 cm), TC
342008	Stainless Steel Storage and Case for System, 15" x 10-1/2" x 2"

CVT RETRACTORS

Pilling® Sternal Retractor and Rib Spreader Dimensions

All dimensions are in centimeters. All dimensions are approximate.

AGE	CATALOG #	BLADE STYLE	MINIMUM SPREAD	BLADE DEPTH	BLADE WIDTH	ARM LENGTH
ADULT						
Gerbode	341180	Sternal, Fixed	15.0	3.0	10.0	23.0
Cooley	341194	Sternal, Fixed	16.5	3.2	5.7	14.6
Aluminum Burford	341227	Rib, Single, Interchangeable	17.5	4.7	6.1	19.4
DeBakey®	341175	Rib/Sternal, Interchangeable	18.5	3.2	5.7	18.0
Finochietto	341330	Rib, Single, Fixed	19.0	5.4	6.7	15.0
Burford	341225	Rib, Single, Interchangeable	19.0	5.4	6.2	19.5
Gerbode-Burford	341170	Rib, Single, Interchangeable	19.0	5.5	6.7	18.4
Farrell Rubio	341224	Rib/Sternal, Interchangeable	19.0	4.1	6.7	17.0
Adult Transplant Donor	341389	Sternal, Fixed, Spiked	19.0	3.2	2.5	15.0
Morse	341162	Sternal, 4 Swivel Blades	20.3	2.4	2.9	15.2
Favaloro-Morse	341163	Sternal, 4 Swivel Blades	20.3	3.8	2.8	15.2
Chaux	341150	Sternal/IMA, 4 Swivel Blade	20.3	3.7	2.7	20.0
Chaux-Lemole	341155	Sternal/IMA, 4 Swivel Blade, Valve Retractors	23.2	3.0	2.7	20.0
LARGE ADULT						
Cooley	341195	Sternal, Fixed	16.0	3.2	10.2	16.5
Bonchek-Carpentier	341198	Sternal, Fixed	18.5	3.2	10.0	16.0
Finochietto Large	341332	Rib, Single, Fixed	19.0	7.3	6.7	18.0
Gerbode	341181	Sternal, Fixed	19.5	3.0	10.0	23.0
Favaloro-Morse	341164	Sternal, 4 Swivel Blades	20.3	3.8	2.9	20.3

PRIME

CVT RETRACTORS

Pilling® Sternal Retractor and Rib Spreader Dimensions

All dimensions are in centimeters. All dimensions are approximate.

AGE	CATALOG #	BLADE STYLE	MINIMUM SPREAD	BLADE DEPTH	BLADE WIDTH	ARM LENGTH
PREEMIE						
Preemie	341312	Rib, Single, Fixed	4.0	0.8	0.65	2.5
NEWBORN						
Finochietto	341326	Rib, Single, Fixed	4.9	1.5	1.5	5.5
Amato	341303	Sternal, 4 Swivel Blades	7.0	1.0	1.0	4.0
INFANT TO YOUNG CHILDREN						
Aluminum Finochietto	341302	Rib, Single, Fixed	7.0	1.3	1.5	5.5
Amato Medium	341304	Sternal, 4 Swivel Blades	7.0	1.4	1.3	5.9
Amato Large	341305	Sternal, 6 Swivel Blades	7.0	1.4	1.3	9.0
Davis-Finochietto	341290	Rib, Single, Fixed	7.0	1.3	1.5	5.0
DeBakey®-Finochietto	341315	Rib, Single, Fixed	7.0	2.2	2.1	6.0
Replogle	341205	Sternal, 4 Swivel Blades	7.5	1.6	1.3	15.0
Aluminum DeBakey®	341317	Rib, Single, Fixed	9.5	3.0	3.0	8.0
Morse	341158	Sternal, 4 Swivel Blades	10.0	1.1	1.5	9.0
Transplant Donor	341387	Sternal, 4 Swivel, Spiked	11.0	1.4	1.3	9.5
Haight Large	341296	Rib, Single, Fixed	12.1	3.4	3.0	9.0
OLDER CHILD 6-10 YEARS						
DeBakey®	341178	Rib, Single, Interchangeable	10.0	3.2	3.0	8.0
Burford-Finochietto	341250	Rib, Single, Interchangeable	15.0	2.5	2.4	10.8
Morse	341160	Sternal, 4 Swivel Blades	15.2	1.6	2.1	12.7
ADOLESCENT						
Kuyper-Murphy Small	341397	Sternal, Fixed	11.5	3.0	9.0	13.5
Finochietto	341328	Rib, Single, Fixed	13.0	3.8	4.4	13.3
MIXED						
Gerbode-Burford	341200	Rib, Single, 4 Interchangeable Blades	15.0	1.9	2.5	11.5
SMALL ADULT						
Rienhoff	341366	Rib, Single, Fixed	14.0	5.0	4.4	11.7
DeBakey®	341177	Rib/Sternal, Interchangeable	14.0	3.2	3.0	13.0
Rienhoff Medium	341362	Rib, Single, Fixed	15.0	3.0	3.3	9.0
Tuffier	341390	Rib, Single, Fixed	15.0	5.6	4.8	11.4
Kuyper-Murphy Medium	341398	Sternal, Fixed	16.0	3.0	8.9	16.0

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

TRANSPLANT DONOR STERNAL RETRACTORS

341387

341389

Each Morse-Style Sternal Retractor blade has a prominent lip and a large spike to secure retractor in donor's sternum for maximum spread without slippage.

CATALOG #	DESCRIPTION
341387	Infant/Child Spread 4-3/8" (11 cm) Spiked blades 5/8" deep x 1/2" wide (1.4 x 1.3 cm)
341389	Adult Spread 7-1/2" (19 cm) Spiked blades 1-1/4" deep x 1" wide (3.2 x 2.5 cm)

HEITMILLER MINI THORACOTOMY RETRACTOR

341310

This retractor provides excellent exposure for video-assisted thoracoscopy, open lung biopsies, transaxillary incisions and mid-CAB procedures in which mini-thoracotomy incisions are used. With its small "footprint," it also is ideal for mobilizing lung adhesions during redo thoracotomies.

CATALOG #	DESCRIPTION
341310	Spread 3-1/8" (7.9 cm) Blades 5/8" wide (1.6 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

GERBODE STERNAL RETRACTORS

341180

341181

Designed to provide retraction on a broad segment of sternum, thus preventing pressure on soft tissues. Sternal fracture from the retractor is less likely to occur. The blades are of simple, smooth construction without protuberances to catch sutures. Blades are designed to place pressure on sternum but not on overlying soft tissue.

CATALOG #	DESCRIPTION
341180	Standard spread Spread 5-7/8" (15 cm) Blades 1-3/16" deep x 3-15/16" wide (3 x 10 cm)
341181	Wide spread Spread 7-3/4" (19.5 cm) Blades 1-3/16" deep x 3-15/16" wide (3 x 10 cm)

PRIME S

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

FARRELL RUBIO RETRACTOR

Two sets of interchangeable blades.

CATALOG #	DESCRIPTION
341224	Adult Spread 7-1/2" (19 cm) Blades 1-5/8" deep x 2-5/8" wide (4.1 x 6.7 cm) and 2-1/2" deep x 2-5/8" wide (6.3 x 6.7 cm) Arms curved 50 degrees

GERBODE-BURFORD ADULT RETRACTOR

Stainless steel. The lugs and springs holding the detachable blades in place are located on the underside of the spreader arms. This presents a smooth projection-free upper surface which will not catch sutures. Shanks are curved to fit body contour and blades are detachable. Two pairs of blades are supplied.

CATALOG #	DESCRIPTION
341170	Adult Spread 7-1/2" (19 cm) 2-1/8" deep x 2-5/8" wide (5.5 x 6.7 cm) and 2-7/8" deep x 2-5/8" wide (7.3 x 6.7 cm) Arm length 7-1/4" (18.4 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

BONCHEK-CARPENTIER STERNAL/ATRIAL VALVE RETRACTOR

341198

- Cooley-type Sternal Blades with shorter outward curve designed for easier insertion.
- Allows critical adjustment of the retractor blades to apply traction to the atrial wall.
- Both models are supplied with four atrial valve retracting blades, two narrow and two wide.

CATALOG #	DESCRIPTION
341198	Modified Carpentier-Type Sternal/Atrial Retractor Spread 6-7/8" (17.5 cm) Sternal blades 3-15/16" wide x 1-1/4" deep (10 x 3.2 cm)

BURFORD ADULT RETRACTOR

341225

Stainless steel. Shanks are curved to fit body contour and blades are detachable. Blades have protruding points to help prevent spreader from moving during operation. Two pairs of blades are supplied.

CATALOG #	DESCRIPTION
341225	Minimum Spread 7-1/2" (19 cm) Small blades 2-1/2" deep x 2-1/2" wide (6.5 x 6.5 cm) Large blades 3-1/4" deep x 2-5/8" wide (8.1 x 6.5 cm) Arm length 8-1/8" (20.5 cm)

BURFORD ALUMINUM ADULT RETRACTOR

341227

Two pairs of blades are supplied.

CATALOG #	DESCRIPTION
341227	Spread 6-7/8" (17.5 cm) Small blades 1-7/8" deep x 2-3/8" wide (4.7 x 6.1 cm) Large blades 2-1/2" deep x 2-3/8" wide (6.5 x 6.1 cm) Arm length 7-11/16" (19.4 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

RIENHOFF RETRACTORS

341362

341366

Stainless steel.

CATALOG #	DESCRIPTION
341362	Spread 5-7/8" (15 cm) Blades 1-1/8" deep x 1-1/4" wide (3 x 3.3 cm)
341366	Spread 5-1/2" (14 cm) Blades 2" deep x 1-3/4" wide (5 x 4.4 cm) Arm height 4-5/8" (11.7 cm)

TUFFIER RETRACTOR

341390

Scored blades.

CATALOG #	DESCRIPTION
341390	Spread 5-7/8" (15 cm) Blades 2-3/16" deep x 1-7/8" wide (5.6 x 4.8 cm) Arm length 4-1/2" (11.4 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

KUYPER-MURPHY STERNAL RETRACTORS

341397

341398

Straight arms. Concave blades.

CATALOG #	DESCRIPTION
341397	Small Spread 4-1/2" (11.5 cm) Blades 1-1/8" deep x 3-1/2" wide (3 x 9 cm)
341398	Medium Spread 6-5/16" (16 cm) Blades 1-3/16" deep x 3-1/2" wide (3 x 8.9 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

DEBAKEY® CHEST RETRACTORS

A group of three sizes, each supplied with 2 sets of curved aluminum blades designed for use with ribs or sternum. Blades attach by a simple slide arrangement without suture catching obstructions.

CATALOG #	DESCRIPTION
341175	Adult Spread 6-1/2" (16.5 cm) Blades 1-1/4" deep x 2-1/4" wide (3.2 x 5.7 cm) and 1-3/16" deep x 2-1/4" wide (3 x 5.7 cm)
341177	Adolescent Spread 5-1/2" (14 cm) Blades 1-1/4" deep x 1-1/8" wide (3.2 x 3 cm) and 1-3/4" deep x 1-1/8" wide (4.4 x 3 cm)
341178	Child Spread 3-7/8" (10 cm) Blades 1-1/4" deep x 1-1/8" wide (3.2 x 3 cm) and 1-1/2" deep x 1-1/8" wide (3.9 x 3 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

FAVALORO-MORSE STERNAL RETRACTORS

CATALOG #	DESCRIPTION
341163	Adult, Short Spread 8" (20.3 cm) Blades 1-1/2" deep x 1-1/8" wide (3.8 x 2.8 cm) Arm length 6" (15.2 cm)
341164	Large Adult, Long Spread 8" (20.3 cm) Blades 1-1/2" deep x 1-1/8" wide (3.8 x 2.8 cm) Arm length 8-1/16" (20.5 cm)

COOLEY STERNUM RETRACTORS

CATALOG #	DESCRIPTION
341194	Adult Spread 6-1/2" (16.5 cm) Short blades 1-1/4" deep x 2-1/4" wide (3.2 x 5.7 cm) Arm length 5-3/4" (14.6 cm)
341195	Large Adult Spread 6-5/16" (16 cm) Long, concave blades 1-1/4" deep x 4" wide (3 x 10 cm) Arm length 6-1/2" (16.5 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

MORSE STERNAL RETRACTORS WITH DOUBLE BLADES

341158

341160

341162

For sternal-splitting incisions. The double blades help prevent the narrow split sternal halves from breaking in their mid-portion.

CATALOG #	DESCRIPTION
341158	Child, age 2-5 Spread 3-7/8" (10 cm) Blades 3/8" deep x 5/8" wide (1.1 x 1.5 cm)
341160	Child Spread 6" (15.2 cm) Blades 5/8" deep x 13/16" wide (1.6 x 2.1 cm) Arm length 5" (12.7 cm)
341162	Adult Spread 8" (20.3 cm) Blades 15/16" deep x 1-1/8" wide (2.4 x 2.9 cm) Arm length 6" (15.2 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

FINOCHIETTO RETRACTORS

341326

341328

The original model. Shafts curved to follow body contour. Dull, non-glare finished stainless steel.

CATALOG #	DESCRIPTION
341326	Newborn size Spread 1-7/8" (4.9 cm) Blades 5/8" deep (1.5 cm) Straight arms
341328	Child size Spread 5-1/8" (13 cm) Blades 1-1/2" deep x 1-3/4" wide (3.8 x 4.4 cm) Arm length 5-1/4" (13.3 cm), curved arms
341330	Adult size Spread 7-1/2" (19 cm) Blades 2-1/8" deep x 2-5/8" wide (5.4 x 6.7 cm) Curved arms
341332	Adult size, large Spread 7-1/2" (19 cm) Blades 2-7/8" deep x 2-5/8" wide (7.3 x 6.7 cm) Curved arms

341330

341332

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

HAIGHT BABY RETRACTOR

341296

Light construction. Spreader arms held apart by "ratchet" mechanism.

CATALOG #	DESCRIPTION
341296	Large Spread 4-3/4" (12 cm) Blades 1-3/8" deep x 1-1/8" wide (3.4 x 3 cm)

REPLOGLE INFANT STERNAL RETRACTOR

341205

Gently curved arms fit the natural contour of the infant sternum. Each blade swivels 45 degrees. 5-7/8" (15 cm) length arms place ratchet bar out of surgical field.

CATALOG #	DESCRIPTION
341205	Spread 2-15/16" (7.5 cm) Blades 5/8" deep x 1/2" wide (1.6 x 1.3 cm) Arm length 5-7/8" (15 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

DEBAKEY® CHILD RETRACTOR

341317

Lightweight aluminum arms and blades are dull finished to eliminate glare and curved to follow body contour. Rack is stainless steel.

CATALOG #	DESCRIPTION
341317	Spread 3-3/4" (9.5 cm) Blades 1-1/8" deep x 1-1/8" wide (3 x 3 cm) Arm length 3-1/8" (8 cm)

BURFORD-FINOCHIETTO INFANT-CHILD RETRACTOR

341250

Stainless steel. This retractor is equipped with interchangeable blades, an important feature that eliminates the need for more than one spreader. Smaller-scaled and lighter weight than the adult size, it provides a 5-7/8" (15 cm) spread.

CATALOG #	DESCRIPTION
341250	Infant-Child Spread 5-7/8" (15 cm) Supplied with four pairs of stainless side blades: 1" deep x 15/16" wide (2.5 x 2.4 cm) 1-1/4" deep x 1-5/16" wide (3.2 x 3.3 cm) 1-1/4" deep x 1-3/4" wide (3.2 x 4.4 cm) 1-7/8" deep x 1-3/4" wide (4.9 x 4.4 cm) Arm length 4-1/4" (10.8 cm)

GERBODE-BURFORD CHILD RETRACTOR

341200

Stainless steel. Has same projection-free construction as adult models but is proportionally reduced to child size.

CATALOG #	DESCRIPTION
341200	Child Spread 5-15/16" (15 cm) Supplied with four pairs of side blades: 3/4" deep x 1" wide (1.9 x 2.5 cm) 1-1/16" deep x 1-1/4" wide (2.7 x 3.2 cm) 1-1/16" deep x 1-3/4" wide (2.7 x 4.4 cm) 1-7/8" deep x 1-3/4" wide (4.8 x 4.4 cm) Arm length 4-1/2" (11.5 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

WILCOX PEDIATRIC CARDIAC RETRACTOR

A miniature model of the Finochietto. Light construction, stainless steel.

CATALOG #	DESCRIPTION
341315	Spread 2-3/4" (7 cm) Blades 7/8" deep x 7/8" wide (2.2 x 2.1 cm)

AMATO NEONATAL STERNAL RETRACTORS

Specially designed infant sternal retractors to reduce post-operative sternal deformity by dispensing pressure over greater surface area. Selection of 3 sizes available for proper fit.

CATALOG #	DESCRIPTION
341303	Amato Retractor, 4 blade, small Swivel blades 3/8" wide x 3/8" deep (1 x 1 cm)
341304	Amato Retractor, 4 blade, medium Maximum spread 2-3/4" (7 cm) Swivel blades 1/2" wide x 1/2" deep (1.5 x 1.5 cm)
341305	Amato Retractor, 6 blade, large Spread 2-1/2" (6.5 cm) Swivel blades 1/2" wide x 1/2" deep (1.5 x 1.5 cm)

CVT RETRACTORS

Sternal Retractors/Rib Spreaders

PREEMIE RETRACTOR

341312

The smallest Pilling® Chest Retractor. For premature infants less than 2 kg body weight.

CATALOG #	DESCRIPTION
341312	Spread 1-9/16" (4.0 cm) Fixed blades 5/16" deep x 1/4" wide (8 x 6.5 mm) Arm length 1" (2.5 cm)

DAVIS-FINOCHIETTO INFANT RETRACTOR

341290

Miniature size for use in infants. Especially valuable in surgery for tracheoesophageal fistula. Stainless steel.

CATALOG #	DESCRIPTION
341290	Spread 2-3/4" (7 cm) Blades 1/2" deep x 5/8" wide (1.3 x 1.5 cm) Arm length 2-1/16" (5 cm)

FINOCHIETTO RIB RETRACTOR

341302

Infant size, for newborn and tiny infants. Aluminum construction.

CATALOG #	DESCRIPTION
341302	Spread 2-3/4" (7 cm) Blades 1/2" deep x 5/8" wide (1.3 x 1.5 cm) Arm length 2-1/4" (6 cm)

CVT RETRACTORS

IMA

STRONG T-BAR RETRACTOR SYSTEM

341100

Single post, table-mounted IMA Retractor with Cheanvechai Adjustable Rakes. (Shown with optional Retractor Light Beam, 163701.)

CATALOG #	DESCRIPTION
341100	Retractor System

STRONG T-BAR UNILATERAL SYSTEM COMPONENTS

341131

CATALOG #	DESCRIPTION
341112	Strong support bar, table upright diameter 5/8" (1.5 cm)
341113	Strong T-Bar
341131	Cheanvechai-Favaloro Rake Assembly
341114	Rail Clamp for Strong T-Bar, 5/8" (1.5 cm)
166002	Set of four 341114 Rail Clamps

341114

CVT RETRACTORS

IMA

RAIL CLAMPS

343393

To facilitate transfer of the retractor to opposite side of the table, we suggest an additional pair of rail clamps.

CATALOG #	DESCRIPTION
343393	One pair

CHEANVECHAI RAKE ASSEMBLY

341131

CATALOG #	DESCRIPTION
341131	May be used with any existing Pilling®-made Favaloro-type cross bars and uprights (included with the Strong Retractor)

CHEANVECHAI-FAVALORO SWIVEL RAKE ASSEMBLY

341133

CATALOG #	DESCRIPTION
341133	Same as 341131 except rakes swivel

CVT RETRACTORS

IMA

OCHSNER-FAVALORO RETRACTOR PARTS

CATALOG #	DESCRIPTION
341123	Captive Washer for Knob
341124	Micro Adjustable Rake and Arm
341126	Knob and Clamp Assembly
341127	Micro Adjust Knob
341129	Rake Assembly for Ochsner-Favaloro Self-Retaining Retractors 341120 and 341128

OCHSNER-FAVALORO RETRACTOR SET

The Favaloro Retractor modified with screw-type handles for ease of adjustment of retraction, longer arms for ease of assembly and blunt tips to help prevent injury to the sternum.

CATALOG #	DESCRIPTION
341128	Supplied with one pair of rail clamps for most standard OR tables.

CVT RETRACTORS

IMA

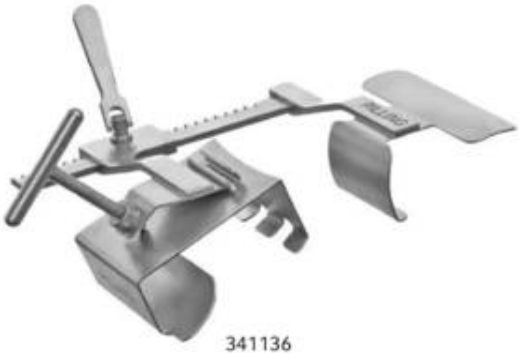
COUËTIL IMA STERNAL RETRACTOR

341139

All components remain in the sterile field, giving you exposure and set-up control.

CATALOG #	DESCRIPTION
341139	Ratcheted blades slide freely on retractor arm

PILLING® IMA RETRACTOR



341136

All components remain in the sterile field, giving you exposure and set-up control.

CATALOG #	DESCRIPTION
341136	Replaces 341134 Pilling® Bugge IMA Retractor

OCHSNER-FAVALORO IMPROVED RETRACTOR SET WITH RAIL CLAMPS

341120

Designed for sternal retraction during internal mammary artery dissection. Rake retractors have screw-type handles for easier adjustment and blunt tips to prevent injury to the sternum. Supplied with two Gomez/Poly-tract Rail Clamps (Catalog # 341114) for ease of assembly over sterile drapes.

CATALOG #	DESCRIPTION
341120	Consists of: 2 each retractor uprights, 1 each crossbar, 2 each screw-type rake assemblies and 2 each 341114 Gomez/Poly-tract Rail Clamps

CVT RETRACTORS

IMA

CHAUX DEEP BLADE ASSEMBLY

341148

CATALOG #	DESCRIPTION
341148	1-3/4" (4.5 cm)

VALVE STERNAL BLADE ASSEMBLY

341149

341154 341156

CATALOG #	DESCRIPTION
341149	(Part of 341155)
341154	Chaux Sternal Assembly Thumb Screw
341156	Chaux Sternal Arm Take-up Screw

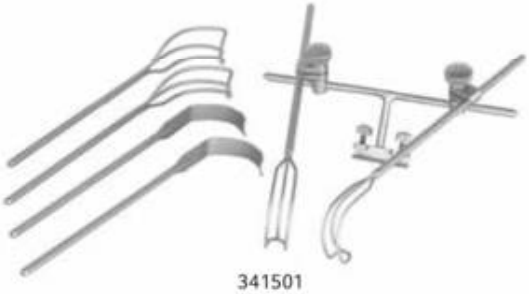
CVT RETRACTORS

IMA

CHAUX STERNAL IMA-MITRAL VALVE RETRACTOR

341155

Three retractors in one, can be used as a sternal/IMA and valve retractor. Includes four sternal blades with individual and independent dual movement. Sliding sternal blade assemblies allow movement on horizontal planes of side arms to provide proper position adjustment according to length of sternum. Both side arms can be rotated and locked at 30 degrees or 60 degrees along its axis for flexibility in positioning the retractor for IMA exposure. All components of the retractor remain in the sterile field. The valve retractor fits directly onto arms of the sternal blade assembly and provides self-retaining valve retraction. The Chaux Sternal IMA Valve Retractor when used for valve surgery consists of the basic Chaux Retractor with the addition of a Lemole-Pilling® Valve Retractor Set (341501) and Valve Sternal Blade Assembly (341149).



341501

341520

CATALOG #	DESCRIPTION
341155	Chaux Sternal/IMA Valve Retractor Set Spread: 9-1/8" (23 cm) Blade measure: 1-1/8" (2.5 cm) wide x 1-1/4" (3 cm) deep
341501	Lemole-Pilling® Valve Retractor Set #1 Set #1 fits Cooley and Chaux Sternal Retractors
341520	Universal Clamp for Lemole
341522	Cooley Atrial Retractor, small, 9-1/2" (24 cm)
341523	Cooley Atrial Retractor, medium, 9-1/2" (24 cm)
341524	Cooley Atrial Retractor, large, 9-1/2" (24 cm)
341525	Malleable Atrial Retractor, 8-3/4" (22 cm)
341147	Lemole-Pilling® Valve Retractor (341501) and Valve Sternal Blade Assembly (341149) (Part of 341155)

341522

341524

341523

341525

CVT RETRACTORS

Epicardial

PARSONNET EPICARDIAL RETRACTOR

342025

Designed to retract the epicardial fat during coronary by-pass procedures. Miniature spring style retractor. For low-profile epicardial tissue retraction at coronary anastomosis site.

CATALOG #	DESCRIPTION
342025	3 x 3-pronged, 1-1/16" (27 mm) spread, 1-7/8" (4.5 cm) long

IMA

CHAUX MULTIPURPOSE STERNAL IMA RETRACTOR

341150

The Chaux Sternal Retractor is a unique instrument that can be used not only for routine midline sternotomy, but also for exposure and dissection of the left or right internal thoracic artery. In addition, accessory interchangeable parts consisting of a full set of mitral retracting blades are available to allow self-retaining retraction during valve surgery.

- Four sternal blades with individual and independent dual movement.
- Sliding sternal blade assemblies allow finite positioning of sternal blades on the horizontal planes of side arms.
- For upward elevation required during IMA dissection, both side arms can be rotated and locked at 30 degrees or 60 degrees along its axis.
- All components of retractor remain in sterile field.

CATALOG #	DESCRIPTION
341150	Spread 8" (20.5 cm) Blades 1-1/8" wide x 1-7/16" deep (2.5 x 3.5 cm), Arm length 12" (30.5 cm)

CVT RETRACTORS

Henly-Type Retractors

MAINI SIDE BLADE FOR IMPROVED HENLY RETRACTOR

351661

CATALOG #	DESCRIPTION
351661	2-3/4 x 2" (7 X 5 cm), slide-on

MAINI RICHARDSON DOUBLE-ENDED CENTER BLADE FOR HENLY RETRACTOR

351664

CATALOG #	DESCRIPTION
351664	Blade ends are 31 mm and 40 mm wide

ORIGINAL HENLY POPLITEAL RETRACTOR

351779

A modification of the Weitlaner Retractor with provisions for attachment of a third retractor blade for improved exposure in either the popliteal or carotid positions. Supplied with 3 center blades. The retraction surfaces of the center blades are grooved for soft tissue retraction.

CATALOG #	DESCRIPTION
351779	4 x 3 prongs, center blades: 5/8" wide x 3/4" deep (1.5 x 2 cm), 5/8" wide x 1" deep (1.5 x 2.5 cm), 5/8" wide x 1-1/4" deep (1.5 x 3 cm), overall length 6-3/8" (16 cm)

WEITLANER Retractors, Hinged Blades

205-175	5 1/2" (14cm), 3 x 4 sharp prongs, 17mm deep
205-176	5 1/2" (14cm), 3 x 4 blunt prongs, 17mm deep
205-180	6 1/4" (15.9cm), 3 x 4 sharp prongs, 18mm deep
205-181	6 1/4" (15.9cm), 3 x 4 blunt prongs, 18mm deep
205-190	8" (20.3cm), 3 x 4 sharp prongs, 20mm deep

ADSON Cerebellar Retractors, 7 1/2" (19.1cm)

205-200	4 x 4 sharp prongs, 22mm deep
205-201	4 x 4 blunt prongs, 22mm deep

ADSON Cerebellar Retractors, 7 1/4" (18.4cm), Angled

205-205	4 x 4 sharp prongs, 22mm deep
205-206	4 x 4 blunt prongs, 22mm deep

ANDERSON-ADSON Scalp Retractor

290-122	7 3/4" (19.7cm), angled arms 4 x 4 sharp prongs, 16mm deep

BECKMAN Laminectomy Retractors

205-209	9 1/2" (24.1cm), 3 x 4 sharp prongs, 1 1/8" deep (2.8cm)
205-210	12 3/8" (31.4cm), 4 x 4 sharp prongs, 5/8" deep (1.6cm)

BECKMAN-ADSON Laminectomy Retractors, 12" (30.5cm)

205-220	4 x 4 sharp prongs, 1" x 1" deep (2.5 x 2.5cm)
205-221	4 x 4 blunt prongs, 1" x 1" deep (2.5 x 2.5cm)
205-225	4 x 4 sharp prongs, 1" x 1 3/4" deep (4.5 x 2.5cm)
205-226	4 x 4 blunt prongs, 1" x 1 3/4" deep (4.5 x 2.5cm)

HENLY Retractor, 6 1/2" (16.5cm), Improved Pattern

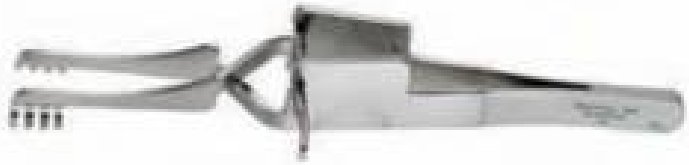
205-530	Complete set includes frame with interchangeable lateral and center blades
205-532	1 pair lateral blades, blunt, 7/8" wide x 1" deep (2.2 x 2.5cm)
205-534	1 pair lateral blades, blunt, 7/8" wide x 2" deep (2.2 x 5.1cm)
205-536	1 pair lateral blades, blunt, 7/8" wide x 3" deep (2.2 x 7.6cm)
205-540	1 center blade, 5/8 wide x 3/8" deep (1.6 x 1.9cm)
205-542	1 center blade, 5/8 wide x 3/8" deep (1.6 x 1.9cm)
205-544	1 center blade, 5/8 wide x 3/8" deep (1.6 x 1.9cm)

HENLY Retractor, 6 1/2" (16.5cm), Original Pattern

205-550	Complete set includes frame with interchangeable center blades
205-540	5/8" wide x 3/4" deep (1.6 x 1.9cm)
205-542	5/8" wide x 1" deep (1.6 x 2.5cm)
205-544	5/8" wide x 1 1/4" deep (1.6 x 3.2cm

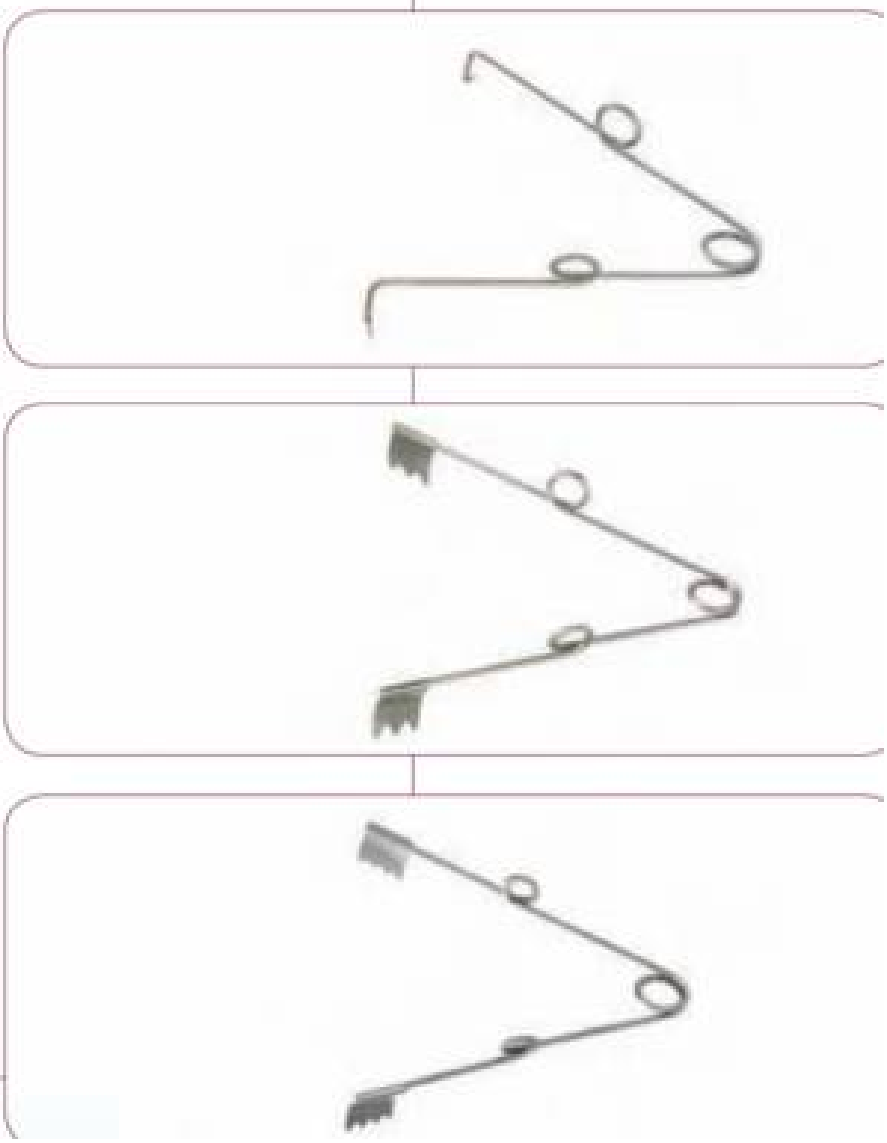
JARIT Cross Action Retractors, 4" (10.2cm), Spread 1" (2.5cm)

205-110	Sharp prongs
205-111	Blunt prongs



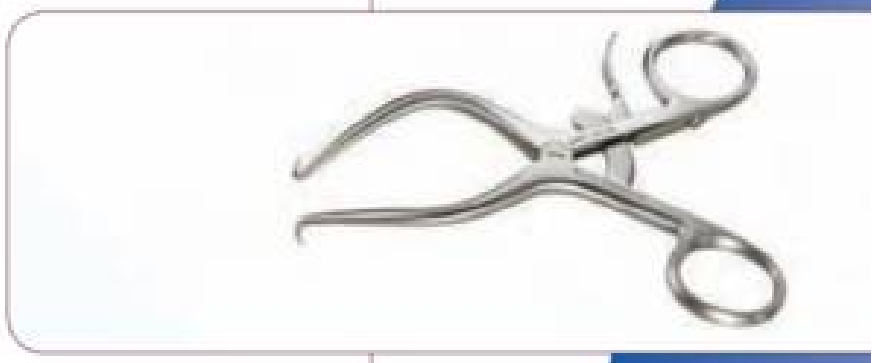
JARIT Spring Wire Retractors

205-136	Style 1: 3" (7.6cm)
205-137	Style 2: 3 1/2" (8.9cm)
205-138	Style 3: 4 1/2" (11.4cm)



GELPI Perineal Retractors

205-123	3 1/2" (8.9cm)
205-124	4 1/2" (11.4cm)
205-125	5 1/2" (14cm)
205-120	7 1/2" (19.1cm)



WEITI 4NEB Retractors

205-140	4 1/2" (11.4cm), 2 x 3 sharp prongs, 15mm deep
205-141	4 1/2" (11.4cm), 2 x 3 blunt prongs, 15mm deep
205-150	5 1/2" (14cm), 3 x 4 sharp prongs, 17mm deep
205-151	5 1/2" (14cm), 3 x 4 blunt prongs, 17mm deep
205-155	6 1/2" (16.5cm), 3 x 4 sharp prongs, 18mm deep
205-156	6 1/2" (16.5cm), 3 x 4 blunt prongs, 18mm deep
205-160	8" (20.3cm), 3 x 4 sharp prongs, 20mm deep
205-161	8" (20.3cm), 3 x 4 blunt prongs, 20mm deep
205-165	9 1/2" (24.1cm), 3 x 4 sharp prongs, 27mm deep
205-166	9 1/2" (24.1cm), 3 x 4 blunt prongs, 27mm deep

CARDIAC, VASCULAR AND THORACIC (CVT) INSTRUMENTS

CHAPTER OVERVIEW

The **PRIME** Brand is recognized worldwide for excellence achieved in the area of Cardiac, Vascular and Thoracic (CVT) surgical instrumentation. Proprietary Pilling® CVT Instruments were co-developed with leading surgeons to help improve the standard of patient care and offer a wide selection of unique designs and patterns.

PRIME CVT Surgical Instruments are high quality OR grade instruments made of German and US stainless steel. Specialty instruments include retractors for IMA takedown and cardiac procedures as well as hand-held instruments used in Mediastinoscopy and Thoracoscopy procedures.

PRODUCTS

Our full line of **PRIME** CVT Instruments includes:

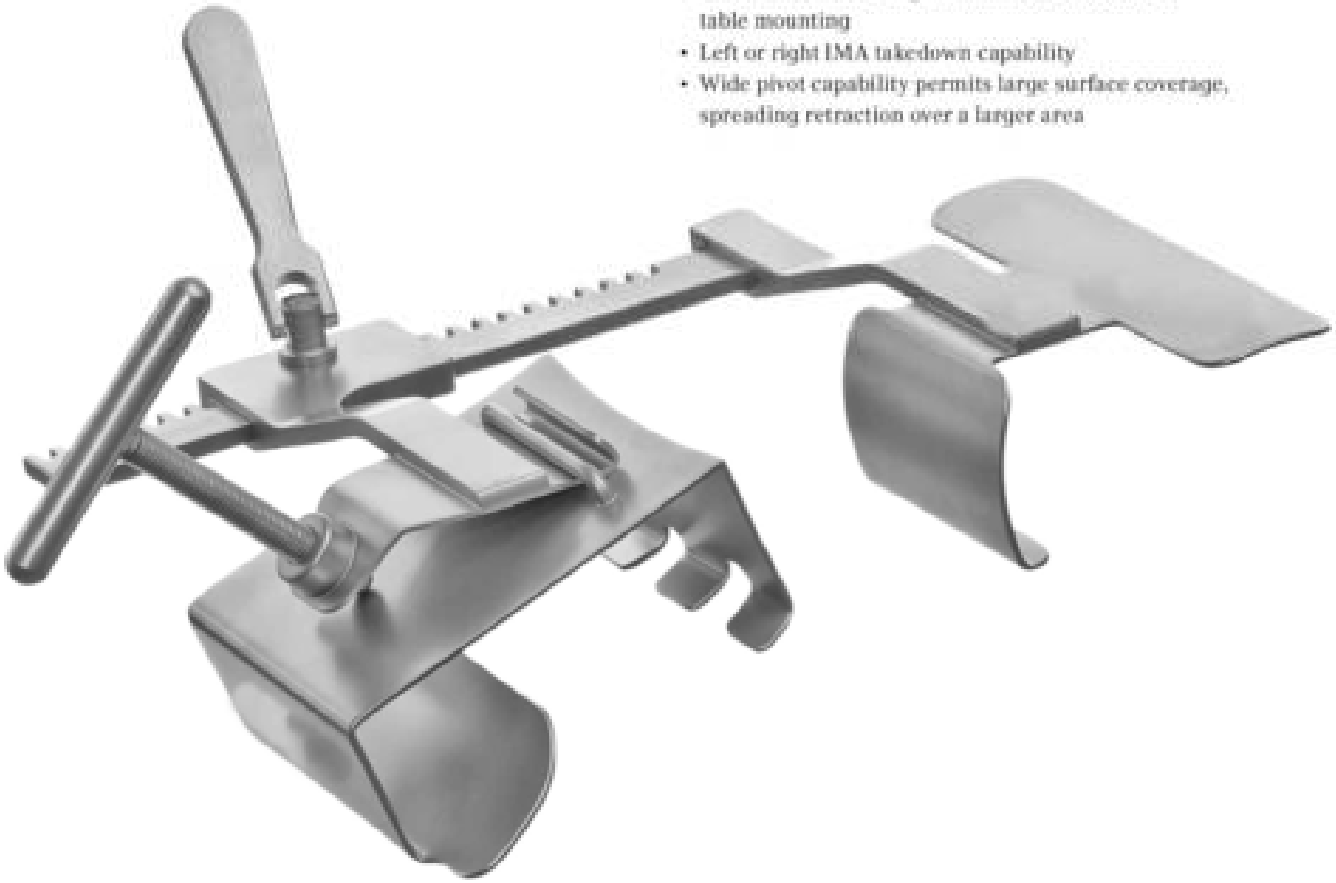
- Retractors: IMA, Sternal and Rib Spreaders
- Technique® Needle Holders, Forceps and Scissors
- Mediastinoscopy Instruments
- Thoracic Instruments
- Instrumentation for Video-Assisted Thoracoscopy
- Vascular Instruments
- And many more

FEATURED PRODUCT

IMA Retractor

Surgeon Control by Design

- Three-point retraction system spreads and lifts simultaneously for providing better visualization
- Patient-mounted design eliminates cumbersome table mounting
- Left or right IMA takedown capability
- Wide pivot capability permits large surface coverage, spreading retraction over a larger area



MISC

CVT

PRIME

MISCELLANEOUS CVT

Tunnelers

DEBAKEY® FEMORAL BYPASS TUNNELER

355495

For use in by-pass operation for segmental occlusive disease of the iliac and femoral arteries. This instrument is designed with a slightly malleable stainless steel bar with a handle on one end and an olive tip dilator on the other. This blunt end, introduced through one of the incisions, is inserted through the subcutaneous tissue into the other incision. A by-pass graft end is then attached by a simple ligature to the olive tip end which is withdrawn, pulling the graft through the subcutaneous tunnel connecting the two incisions.

CATALOG #	DESCRIPTION
355495	20-3/4" (52.5 cm)

HALLMAN TUNNELING FORCEPS

355493

CATALOG #	DESCRIPTION
355493	14-5/8" (37 cm)

PRIME

MISCELLANEOUS CVT

Tunnelers

BERRY ANGIO ACCESS TUNNELER

355500

Designed by William B. Berry, M.D. of Pasadena, Texas, Angio Access Tunneler (355500) is used to create forearm loop tunnels for placement of arteriovenous grafts for hemodialysis. Removable interchangeable handle and bullet tip allow:

- Simplified surgical procedure with better surgical control.
- Reduced likelihood of "kinking".
- Less patient trauma.

Diamond knurled handle for ease of control. Suture hole in bullet tip allows secure graft attachment.

CATALOG #	DESCRIPTION
355500	Available in 10-3/4" (27.5 cm) length (105 degree arc)

CRAWFORD-COOLEY GRAFT TUNNELER

355497

Graft is attached to obturator tip and drawn through the tube. Tube is then withdrawn, leaving graft placed in untwisted position.

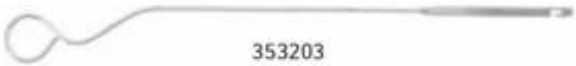
CATALOG #	DESCRIPTION
355497	Tube slightly curved, 12 mm I.D., 17-1/2" (44.5 cm)

PRIME

MISCELLANEOUS CVT

Tourniquet Stylets

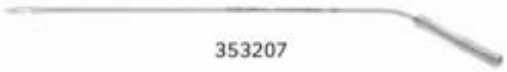
REPLACEMENT STYLET FOR RUMEL TOURNIQUET



353203

CATALOG #	DESCRIPTION
353203	66 x 4 mm tip, working length 7-5/8" (19.5 cm), overall length 10-1/4" (26 cm)

STYLET FOR RUMEL TOURNIQUET, CHILD SIZE



353207

CATALOG #	DESCRIPTION
353207	Often used with rubber tubing and Identi-Loops, 7" (18 cm)

STYLET FOR WECK® STYLE RUMEL TOURNIQUET

353206

CATALOG #	DESCRIPTION
353206	2 mm-wide tip, working length 8-1/4" (21 cm), overall length 9-3/8" (24 cm)

MISCELLANEOUS CVT

Marking Rings

MARKING RING-VEIN GRAFT

355834

The aorta to coronary saphenous vein graft is widely used for the treatment of coronary atherosclerosis. Assessment of the post-operative result requires direct catheterization of the graft, and locating the proximal orifice can be difficult. The Vein Graft Ring is designed to be placed around the aortic end of the graft prior to completion of the proximal anastomosis. After completion of the proximal anastomosis the ring is sutured to the aorta by interrupted 5-0 or 6-0 sutures. The ring has been found helpful to the cardiologist in locating the aortic end of the graft. The rings are made of 20 Ga., type 316L medical grade stainless steel, available in diameters of 8, 10, 12 and 14 mm.

CATALOG #	DESCRIPTION
355830	CC Marking Ring, 8 mm, 10/pack
355832	CC Marking Ring, 10 mm, 10/pack
355834	CC Marking Ring, 12 mm, 10/pack
355838	CC Marking Ring, 14 mm, 10/pack

Obturators

FITCH OBTURATORS

351316

Fitch Obturators, olive tipped, for use with plastic vena cava catheters in open heart surgery. These obturators permit introduction of the venous drainage catheters into the right atrium and vena cava. Olive-shaped tip allows easy introduction through a purse-stringed site in the right atrium. The elongated head of the obturator is designed to block any blood entering the multiple perforations of the catheter during introduction. The malleable shaft permits control of the catheter tip in the right atrium, and appropriately precurving the shaft allows the catheter to be steered into either vena cava.

CATALOG #	DESCRIPTION
351316	26 Fr., 17-7/8" (45.5 cm)
351318	30 Fr., 16-1/8" (41 cm)

MISCELLANEOUS CVT

Endarterectomy Dissectors

EFFLER-GROVES DOUBLE-END DISSECTOR AND HOOK

355810

CATALOG #	DESCRIPTION
355810	Lightweight, 12-1/4" (31 cm)

LEMMON INTIMA DISSECTORS

355191

CATALOG #	DESCRIPTION
355191	Slight curve, 6-3/8" (16.5 cm)
355192	Acute curve, 6-3/8" (16.5 cm)

OLIVEKRONA DOUBLE-END DISSECTORS

355182

355186

Very useful as freeing instruments in endarterectomy.

CATALOG #	DESCRIPTION
355180	Lightweight, 7-1/4" (18.5 cm)
355182	Lightweight, 9-1/2" (24 cm)
355184	Heavy weight, 7-3/4" (19.5 cm)
355186	Heavy weight, 9-1/2" (24 cm)

FREER DOUBLE-END ELEVATOR

355194

Pilling® Pattern, satin finish.

CATALOG #	DESCRIPTION
355194	Sharp and blunt, 7" (18 cm)

TITANIUM INSTRUMENTS

Retractors

FINOCHIETTO TITANIUM STERNAL RETRACTOR

359383

CATALOG #	DESCRIPTION
359383	Arm length 52 mm

PEDIATRIC TITANIUM STERNAL SPREADER

359353

CATALOG #	DESCRIPTION
359353	2 pairs of blades, spread 2" (5 cm), arm length 52 mm

BULL DOG

SERREFINE Forceps

105-260	1 1/2" (3.8cm), straight
105-262	2 1/2" (6.4cm), straight
105-261	1 1/2" (3.8cm), curved
105-263	2 1/2" (6.4cm), curved

BULLDOG Clamp Applier, 8" (19.8cm)

310-430	

JOHN HOPKINS Bulldog Clamps

310-431	1 1/2" (3.8cm), straight
310-432	2" (5.1cm), straight
310-433	2 1/4" (5.7cm), straight
310-436	3" (7.6cm), straight
310-440	1 1/2" (3.8cm), curved
310-441	2" (5.1cm), curved
310-442	2 1/4" (5.7cm), curved
310-445	3" (7.6cm), curved

GLOVER Bulldog Clamps, Adjusting Screw to Regulate Tension, DeBakey Serrations

320-120	5cm, jaw length 1.8cm, straight
320-125	6.5cm, jaw length 3.2cm, straight
320-130	8.4cm, jaw length 4.5cm, straight
320-135	12cm, jaw length 6cm, straight
320-122	5cm, jaw length 1.8cm, curved
320-127	6.5cm, jaw length 3.2cm, curved
320-132	8.4cm, jaw length 4.5cm, curved
320-137	12cm, jaw length 6cm, curved

PRIME SUK

GLOVER Bulldog Clamp, Adjusting Screw to Regulate Tension, DeBakey Serrations

320-148	5.1cm, jaw length 3.1cm, 90° jaws

COOLEY Bulldog Clamps, Adjusting Screw to Regulate Tension, Cooley Serrations

320-140	5.1cm, jaw length 2cm, straight
320-142	6.7cm, jaw length 3cm, straight
320-144	8.6cm, jaw length 4.7cm, straight
320-146	13.3cm, jaw length 6cm, straight
320-141	4.4cm, jaw length 1.8cm, curved
320-143	6.4cm, jaw length 2.4cm, curved
320-145	7.6cm, jaw length 4cm, curved
320-147	12.4cm, jaw length 5.2cm, curved

DeBAKEY Cross-Action Bulldog Clamps, Tension 2.7kg , DeBakey Serrations

320-150	7.5cm, straight, jaw length 2cm
320-155	8.5cm, straight, jaw length 3cm
320-160	10.5cm, straight, jaw length 4.5cm
320-165	12cm, straight, jaw length 6.5cm
320-152	7.5cm, curved, jaw length 2cm
320-157	8.5cm, curved, jaw length 3cm
320-162	10.5cm, curved, jaw length 4.5cm
320-167	12cm, curved, jaw length 6.5cm

GREGORY Cross-Action "Soft" Bulldog Clamps, Tension 1.5kg, DeBakey Serrations

320-065	Right angle, short, 4 1/4" (10.7cm), jaw length 1 15/16" (5cm)
320-179	Right angle, long, 4 1/2" (11.4cm), jaw length 2 1/8" (5.4cm)
320-066	Straight, short, 3 1/2" (8.9cm), jaw length 1 3/16" (3cm)
320-067	Straight, long, 4" (10.2cm), jaw length 1 3/4" (4.5cm)
320-068	Curved body with right angle tip, long, 4 5/8" (11.7cm), jaw length 3" (7.6cm)

WELDON Miniature Bulldog Clamps, 3.4cm, Jaw Length 13mm, Fine Serrated Jaws

320-168	Straight
320-169	Curved

JACOBSON Micro-Coronary Bulldog Clamps, 4.8cm, Jaw Length 21mm, Fine Serrated Jaws

320-177	Straight
320-178	Curved

DIETRICH Micro-Coronary Bulldog Clamps, Tension 55gms, Fine Serrated Jaws

320-170	5.2cm length, 10mm angled jaws
320-171	5.2cm length, 10mm straight jaws
320-172	5.4cm length, 12mm angled jaws
320-173	5.6cm length, 12mm straight jaws
320-174	6.0cm length, 20mm angled jaws
320-175	6.4cm length, 20mm straight jaws

DIETRICH Micro-Coronary Bulldog Clamps, Strong Tension 180gms, Fine Serrated Jaws

320-172ST	4.4cm length, 10mm angled jaws
320-175ST	4.4cm length, 10mm straight jaws

SENN Retractors, 6 1/4" (15.9cm), Double-Ended, Solid Blade 3/4" x 1/4" (19 x 6.3mm)

190-110	3 sharp prongs, 8mm wide
190-112	3 blunt prongs, 8 mm wide

U.S. ARMY-NAVY Retractors

200-105	8 1/4" (21cm), double-ended, blades 5/8" (1.5cm) wide, set of 2

LAHEY Thyroid Retractor

200-134	8" (20.3cm), blade 1" x 1/4" wide (25 x 7mm)

BULLDOG® AND MICRO VESSEL CLAMPS

Micro Vessel Clamps

MINI-ANEURYSM BULLDOG® CLIPS AND APPLIERS

357590

357591

357592

357593

Closing force is approximately 170 grams.
Recommended for single use only.

CATALOG #	DESCRIPTION
357590	Straight, 4 mm
357591	Straight, 6 mm
357592	Curved, 7 mm
357593	Applying forceps for Mini-Aneurysm Clips, 8-1/4" (21 cm)

Caution: These clips should be compressed only when properly seated in the appropriate applying forceps, never with the fingers. If compression of a clip is started but the clip is not used, it must be discarded and a new clip used.

MICRO CLIP TRAY

065199

CATALOG #	DESCRIPTION
065199	1-3/4" x 2-3/4" x 1/2" (4.5 x 7 x 1.5 cm)

BULLDOG® AND MICRO VESSEL CLAMPS

Micro Vessel Clamps

MICRO-ANEURYSM BULLDOG® CLIPS AND APPLIERS

357580

357581

357582

357583

Closing force is approximately 170 grams.
Recommended for single use only.

CATALOG #	DESCRIPTION
357580	Straight, 7 mm
357581	Straight, 8 mm
357582	Angled, 9 mm
357583	Slight curve, 9 mm
357586	Applying forceps for Micro-Aneurysm Clips, 7-1/2" (19 cm)

Caution: These clips should be compressed only when properly seated in the appropriate applying forceps, never with the fingers. If compression of a clip is started but the clip is not used, it must be discarded and a new clip used.

357586

BULLDOG® AND MICRO VESSEL CLAMPS

Micro Vessel Clamps

RENAL PERFUSION CLAMPS

- Designed to reduce risk of intimal damage.
- Eliminates necessity for artery cannulation.
- Minimizes disadvantages of en bloc perfusion and preservation.

CATALOG #	DESCRIPTION
353140	10 mm x 15 mm DeBakey®-type Jaw (Pediatric, single renal artery)
353142	10 mm x 25 mm DeBakey®-type Jaw (Adult, multiple renal arteries)

PRIME SU

BULLDOG® AND MICRO VESSEL CLAMPS

Micro Vessel Clamps

RIZZUTI ANGLED MICRO CLIP APPLYING FORCEPS

Applier opens approximator simultaneously or individually.

CATALOG #	DESCRIPTION
065175	5-1/2" (14 cm)

SCHWARTZ MICRO-BULLDOG® CLAMPS

For temporary occlusion of minor vessels. 1" (2.5 cm).

CATALOG #	DESCRIPTION
353041	Straight
353042	Slight curve
353043	Acute curve

SCHWARTZ CLAMP HOLDING FORCEPS

CATALOG #	DESCRIPTION
353040	7-1/2" (19 cm)

BULLDOG® AND MICRO VESSEL CLAMPS

Micro Vessel Clamps

TEMPORARY OCCLUSION CLIPS

065108

CATALOG #	DESCRIPTION
065108	7 x 2 mm blade
065109	12 x 2 mm blade

LOUISVILLE MICRO VESSEL APPROXIMATOR WITH CLIPS

065172

With suture staying frame.

CATALOG #	DESCRIPTION
065172	1.5 x 8 mm blades, 1/2" (12.5 mm) bar
065173	1 x 5 mm blades, 7/16" (11 mm) bar

KLEINERT-KUTZ MICRO CLIP APPLYING FORCEPS

065155

CATALOG #	DESCRIPTION
065155	2-1/2" (6.5 cm)

BULLDOG® AND MICRO VESSEL CLAMPS

Micro Vessel Clamps

BRACHIAL LARGE VESSEL CLIPS

065110

24 mm blade, 2.5 mm wide at tip. Overall length 1.61" (4 cm).

CATALOG #	DESCRIPTION
065110	Straight
065111	Tapered

BULLDOG® CLAMP APPLYING FORCEPS

353035

This long clamp makes fast application and removal of any Bulldog® Clamp an easy task, even in the most inaccessible spot.

CATALOG #	DESCRIPTION
353035	9-1/2" (24 cm)

KLEINERT-KUTZ MICRO VESSEL CLIPS

065105

065145

CATALOG #	DESCRIPTION
065100	Straight blade, 1 x 3 mm, 0.34" (8.5 mm)
065105	Straight blade, 1 x 5 mm, 0.40" (10 mm)
065125	Angled blade, 1 x 5 mm
065145	Curved blade, 1 x 6 mm

BULLDOG® AND MICRO VESSEL CLAMPS

Bulldog® Clamps

WOOD BULLDOG® CLAMPS

353123

353125

353124

353126

Strong closing pressure.

CATALOG #	DESCRIPTION
353123	Straight, 3/8" (8 mm) jaw, 1-3/4" (4.5 cm)
353125	Straight, 1/2" (12 mm) jaw, 1-7/8" (5 cm)
353127	Straight, 3/4" (19 mm) jaw, 2" (5 cm)
353124	Angled, 3/8" (8 mm) jaw, 1-5/8" (4 cm)
353126	Angled, 1/2" (12 mm) jaw, 1-3/4" (4.5 cm)
353128	Angled, 3/4" (19 mm) jaw, 1-7/8" (5 cm)

353128

WYLIE LUMBAR BULLDOG® CLAMP

353075

Jaw is more gently curved than the standard DeBakey® Bulldog® Jaw. Designed for placement posterior to the aorta for occlusion of lumbar arteries.

CATALOG #	DESCRIPTION
353075	7/8" (2 cm) jaw, 3" (7.5 cm)

BULLDOG® AND MICRO VESSEL CLAMPS

Bulldog® Clamps

SENNING FEATHERWEIGHT BULLDOG® CLAMPS

353135

353136

353137

353138

Very lightweight at 2 grams. Available in four tensions. Tension may be readjusted if necessary. Parallel jaws consist of double, opposing, finely serrated rows. 1-3/4" (4.5 cm).

CATALOG #	DESCRIPTION
353135	No. 1, Strong
353136	No. 2, Medium Strong
353137	No. 3, Medium Light
353138	No. 4, Light

BULLDOG® AND MICRO VESSEL CLAMPS

Bulldog® Clamps

JOHNS HOPKINS (BLALOCK) BULLDOG® CLAMPS

353001

353002

353003

CATALOG #	DESCRIPTION
353001	Straight, 1-1/2" (4 cm)
353002	Straight, 1-7/8" (5 cm)
353003	Straight, 2-1/4" (5.5 cm)
353011	Curved, 1-1/2" (4 cm)
353012	Curved, 1-7/8" (5 cm)
353014	Curved, 2-1/2" (6.5 cm)
353016	Curved, 3" (7.5 cm)

353012

353014

SANTULLI ANGULAR MODEL BULLDOG® CLAMP

353070

CATALOG #	DESCRIPTION
353070	Angled, DeBakey® Jaw length 1-5/8" (4 cm)

BULLDOG® AND MICRO VESSEL CLAMPS

Bulldog® Clamps

HESS ANGULAR MOSQUITO TIP SERREFINE

The pointed, serrated tips greatly facilitate cannulation of very small blood vessels where exposure is limited. The weak spring avoids crushing the vasculature.

CATALOG #	DESCRIPTION
353025	2-1/8" (5.5cm)

JACOBSON BULLDOG® CLAMPS

CATALOG #	DESCRIPTION
353131	Straight, 1-7/8" (5 cm)
353132	Curved, 1-5/8" (4.5 cm)

BULLDOG® AND MICRO VESSEL CLAMPS

Bulldog® Clamps

GLOVER STYLE BULLDOG® CLAMPS

353100

353102

353105

353112

With DeBakey®-type Jaws. These clamps are designed to permit regulation of the tension by means of an adjusting screw. The largest sizes are made specifically for temporary occlusion of large arteries such as the carotid, subclavian and iliac.

CATALOG #	DESCRIPTION
353100	Straight, 3/4" (2 cm) jaw, 2-1/4" (5.5 cm)
353102	Straight, 1-1/4" (3.5 cm) jaw, 2-3/4" (7 cm)
353105	Straight, 1-5/8" (4 cm) jaw, 3-1/2" (9 cm)
353110	Curved, 5/8" (1.5 cm) jaw, 2" (5 cm)
353112	Curved, 1" (2.5 cm) jaw, 2-1/2" (6 cm)
353115	Curved, 1-3/8" (3.5 cm) jaw, 3-1/8" (8 cm)
353120	Angled, 1-1/4" (3.5 cm) jaw, 1-7/8" (5 cm)

353120

BULLDOG® AND MICRO VESSEL CLAMPS

Bulldog® Clamps

DIETHRICH BULLDOG® CLAMPS

353150

353151

353152

353153

Low tension clamps for coronary arteries.

CATALOG #	DESCRIPTION
353150	Straight, 3/8" (9.5 mm) jaw
353151	Straight, 1/2" (12 mm) jaw
353152	Straight, 3/4" (20 mm) jaw
353153	Angled, 5/16" (8 mm) jaw
353154	Angled, 1/2" (12 mm) jaw
353155	Angled, 3/4" (20 mm) jaw

353154

353155

EFFLER-GROVES SPECIAL LIGHTWEIGHT BULLDOG® CLAMP

355819

Delicate model for clamping the mammary artery.

CATALOG #	DESCRIPTION
355819	2-3/4" (7 cm)

BULLDOG® AND MICRO VESSEL CLAMPS

Bulldog® Clamps

DEBAKEY® CROSS ACTION BULLDOG® CLAMPS

353050

353052

353054

353062

These DeBakey®-type Jaw Clamps are used for temporary occlusion of major peripheral arteries. They are made in several sizes to facilitate their application under varying circumstances. They present a relatively smooth surface with particular attention to the elimination of suture-catching projections.

CATALOG #	DESCRIPTION
353050	Straight, 3/4" (2 cm) tip length, 3-1/8" (8 cm)
353052	Straight, 1-1/8" (3 cm) tip length, 3-1/2" (9 cm)
353054	Straight, 2" (5 cm) tip length, 4-1/4" (11 cm)
353056	Straight, 2-5/8" (6.8 cm) tip length, 4-7/8" (12.5 cm)
353060	Curved, 5/8" (1.5 cm) tip length, 2-7/8" (7.5 cm)
353062	Curved, 1" (2.5 cm) tip length, 3-1/4" (8 cm)
353064	Curved, 1-5/8" (4 cm) tip length, 3-7/8" (10 cm)
353066	Curved, 2-1/8" (5.5 cm) tip length, 4-1/4" (11 cm)

353066

PRIME

TITANIUM INSTRUMENTS FORCEPS AND CLAMPS

Bulldog® Clamps

DEBAKEY® TITANIUM BULLDOG® CLAMPS

359124

359127

359131

CATALOG #	DESCRIPTION
359122	Straight, 3" (7.5 cm)
359123	Straight, 3-3/8" (8.5 cm)
359124	Straight, 3-7/8" (10 cm)
359127	Curved, 3-1/4" (8.5 cm)
359128	Curved, 3-7/8" (10 cm)
359131	Angled 45 degrees, 4-3/4" (12 cm)

PRIME

BONE RIB

JARIT UTILITY SHEARS, 7" (17.8cm)

100-540	Black handles
100-541	Red handles
100-542	Orange handles
100-543	Blue handles
100-544	Purple handles
100-545	Green handles
100-546	Yellow handles

SAFETY BLADE REMOVER

110-164	Safety Blade Remover

JARIT-RUSKIN Rongeurs, 6" (15.2cm)

230-195	Straight, 2mm bite
230-196	Curved, 2mm bite
230-197	Full curve, 3mm bite
230-200	Curved, 4mm bite

RUSKIN Rongeurs, 7 1/4" (18.4cm)

230-210	Straight, 5mm bite
230-211	Curved, 5mm bite
230-214	Straight, 6mm bite
230-215	Curved, 6mm bite

RUSKIN-JAY Rongeur, 8" (20.3cm)

230-216	Heavy duty, curved, 6mm bite

RUSKIN Angular Duckbill Rongeur

230-218	6mm bite

STILLE-LUER Rongeurs, 10mm bite

230-230	8 1/2" (21.6cm), straight
230-231	8 1/2" (21.6cm), curved
230-235	10 1/2" (26.7cm), straight
230-236	10 1/2" (26.7cm), curved

STILLE-LUER Angular Duckbill Rongeur

230-240	6mm bite

STILLE-LUER-ECHLIN Angular Duckbill Rongeur 9" (22.9cm)

230-250	6mm bite

LEKSELL Rongeurs, 9" (22.9cm)

230-260	3mm bite
230-262	5mm bite
230-261	8mm bite

ECHLIN Angular Duckbill Rongeurs, 9" (22.9cm)

230-245	2mm bite
230-246	3mm bite
230-247	4mm bite

DALE Thoracic Rongeur, 14" (36.8cm), 3mm bite

230-280

SAUERBRUCH Rib Rongeurs, 11 1/2" (29.2cm), Square Bite

230-275 5/8" (1.6cm) wide jaw
230-276 3/4" (1.9cm) wide jaw

STILLE-LISTON Bone Cutting Forceps, 10 1/2" (26.7cm)

230-320 Straight
230-321 Up-angled

STILLE-HORSLEY Bone Cutting Forceps

230-325 10" (25.4cm), S-shaped

SAUERBRUCH Rib Shears, 10 1/2" (26.7cm)

300-304

STILLE-GIERTZ Rib Shears, 10" (25.4cm)

300-305

BETHUNE Rib Shears, 14" (35.6cm), Slightly Curved Handles

300-310

BETHUNE-CARROLL-OS Rib Shears, Slightly Curved Handles

300-315 14" (35.6cm), left
300-316 14" (35.6cm), right

RUSKIN-LISTON Bone Cutting Forceps, 7 1/4" (18.4cm)

230-305	Straight
230-306	Up-angled

LISTON Bone Cutting Forceps

230-330	5 1/2" (14cm), straight
230-340	5 1/2" (14cm), up-angled
230-341	6 1/2" (16.5cm), up-angled
230-331	6 1/2" (16.5cm), straight
230-332	7 1/2" (19.1cm), straight
230-342	7 1/2" (19.1cm), up-angled

RUSKIN-LISTON Bone Splitting Forceps, 7 1/4" (18.4cm)

230-310	Straight, narrow jaws
230-311	Up-angled, narrow jaws

DOYEN Rasps, 6 1/2" (16.5cm)

300-405	Small, left
300-407	Small, right
300-400	Large, left
300-402	Large, right

MATSON Rib Stripper and Elevator

388-411	8 3/4" (22.2cm)

MATSON-ALEXANDER Rib Stripper

300-410	8 3/4" (22.2cm)

ALEXANDER-FARABEUF Periosteotome

300-415	8 1/4" (21cm)

ALEXANDER Periosteotome

300-416 6" (15.2cm), pediatric size

LEBSCHE Sternal Chisel

300-425 10" (25.4cm)

JARIT Wire Pulling Forceps, Maximum Capacity 1mm

275-140 6 1/2" (16.5cm)

JARIT Wire Cutters, Up-Angled, CARB-EDGED Jaws

275-510 7" (17.8cm), maximum capacity .067" (1.7mm)

JARIT Wire Cutter, Side Cutting, CARB-EDGE Jaws

275-530 7" (17.8cm), maximum capacity .059" (1.5mm)

WIRE Suture Scissors, CARB-EDGE Jaws, 4 3/4" (19.1cm)

101-350 Angled, for cutting suture and wire (26 gauge and smaller)

RIB INSTRUMENTS

Raspatories and Periosteal Elevators

CUSHING BLUNT ELEVATOR

358344

CATALOG #	DESCRIPTION
358344	6 mm blunt blade, 7-1/4" (18.5 cm)

DOYEN RASPATORIES

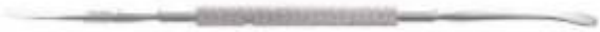
343148

343153

Made in infant, child and adult sizes and in right and left side models. Stainless steel blades.

CATALOG #	DESCRIPTION
343148	Infant size, right side, 5-7/8" (15 cm)
343149	Infant size, left side, 5-7/8" (15 cm)
343152	Adult size, right side, 6-3/4" (17 cm)
343153	Adult size, left side, 6-1/2" (16.5 cm)

FREER DOUBLE-END ELEVATOR



355194

Pilling® Pattern, satin finish.

CATALOG #	DESCRIPTION
355194	Sharp and blunt, 7" (18 cm)

RIB INSTRUMENTS

Approximators

BAILEY RIB APPROXIMATOR RETRACTORS

341448

341450

Rib approximation is brought about by engaging jaws around ribs and turning large thumb screw. Automatic ratchet holds blades in place. Dull, non-glare finish stainless steel.

CATALOG #	DESCRIPTION
341448	Small size
341450	Regular, adult size

BAILEY-GIBBON RIB APPROXIMATOR RETRACTOR

341460

CATALOG #	DESCRIPTION
341460	Same as Bailey except for lengthening of arms holding the blades. This raises the body of the retractor up, away from the ribs. Dull, non-glare finish, stainless steel.

Raspatories and Periosteal Elevators

ALEXANDER PERIOSTEOTOME

343145

Double-end, stainless steel blades. Cross-serrated handle.

CATALOG #	DESCRIPTION
343145	Standard model, 8-1/4" (21 cm)

RIB INSTRUMENTS

Rongeurs

PILLING® STILLE-LUER DUCKBILL RONGEUR

CATALOG #	DESCRIPTION
341803	Angled, 5 mm wide jaw, 9" (23 cm)

SAUERBRUCH RONGEURS

Double action. Square bite, straight jaws, 11-3/4" (30 cm).

CATALOG #	DESCRIPTION
342102	13 mm
342105P	17 mm
342107	20 mm

URSCHEL FIRST RIB RONGEUR

A specially designed, long, extra-heavy, pituitary-type rongeur to achieve complete removal of the neck and head of the first rib.

CATALOG #	DESCRIPTION
342141	5 x 12 mm jaw, working length 9" (23 cm)

RIB INSTRUMENTS

Rongeurs

DALE FIRST RIB RONGEUR

CATALOG #	DESCRIPTION
342142	3 x 15 mm jaw, 14-1/2" (37 cm)

URSCHEL-LEKSELL RONGEUR

Strong, double action rongeur.

CATALOG #	DESCRIPTION
342143	8.5 x 15 mm jaw, 12-1/4" (31 cm)

PILLING® RUSKIN RONGEUR

CATALOG #	DESCRIPTION
341836	4 mm bite, 6-1/8" (15.5 cm)

RIB INSTRUMENTS

Rib Shears/Sternum Cutters

STILLE PATTERN RIB SHEARS

CATALOG #	DESCRIPTION
341980	10-1/4" (26 cm)

LEBSCHE STERNUM KNIFE

For splitting the sternum down the midline. Cross-serrated section is hit with mallet to provide cutting force. Recommended for use with the 11 oz Nylon Head Mallet (051525).

CATALOG #	DESCRIPTION
342020	9-7/8" (25 cm)

PRIME SU

RIB INSTRUMENTS

Rib Shears/Sternum Cutters

BETHUNE RIB CUTTER

341950

Double-curved shafts. For all ribs including first rib.

CATALOG #	DESCRIPTION
341950	13-3/4" (35 cm)

CORYLLOS-BETHUNE RIB SHEARS

341960

With recessed points to protect brachial plexus.

CATALOG #	DESCRIPTION
341960	Right, 13-3/4" (35 cm)
341961	Left, 13-3/4" (35 cm)

ROOS FIRST RIB SHEAR

341985

A right angle rib shear designed for posterior resection of the first rib through the axillary approach. By proper placement of the shear far posteriorly on the first rib, the remaining stump will be so short that it will not require revision with rongeurs. This adds greatly to the procedure by avoiding possible injury to the brachial plexus.

CATALOG #	DESCRIPTION
341985	12-1/2" (32 cm)

VASCULAR DILATORS

PRIME SURGICAL INTERNATIONAL

VASCULAR DILATORS

Garrett Design

GARRETT VASCULAR DILATORS

355089

355090

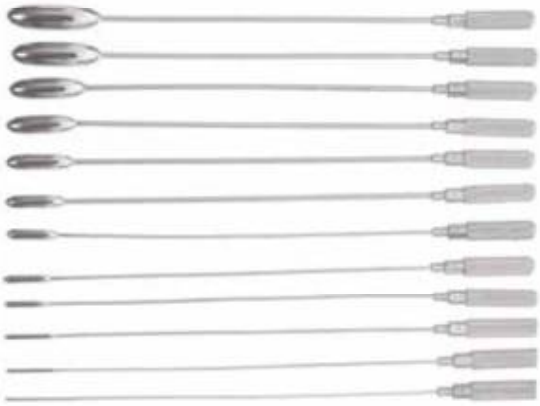
CATALOG #	DESCRIPTION
355089	Set of nine short dilators (1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5 and 5 mm), 5-1/2" (14 cm) long in stainless steel storage cylinder
355080	Short 1 mm
355081	Short 1.5 mm
355082	Short 2.0 mm
355083	Short 2.5 mm
355084	Short 3.0 mm
355085	Short 3.5 mm
355086	Short 4.0 mm
355087	Short 4.5 mm
355088	Short 5.0 mm
355090	Set of nine long dilators (1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5 and 5 mm), 8-1/4" (20.9 cm) long in stainless steel storage cylinder
355091	Long 1.0 mm
355092	Long 1.5 mm
355093	Long 2.0 mm
355094	Long 2.5 mm
355095	Long 3.0 mm
355096	Long 3.5 mm
355097	Long 4.0 mm
355098	Long 4.5 mm
355099	Long 5.0 mm

PRIME

VASCULAR DILATORS

DeBakey® Design

DEBAKEY® VASCULAR DILATORS



355287

Sets of dilators in graduated sizes, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8, 9 and 10 mm. Supplied in 7-1/2" (19 cm) and 15" (38 cm) length.

CATALOG #	DESCRIPTION
355285	Set of 12, 7-1/2" (19 cm), in autoclavable stainless steel case
355287	Set of 12, 7-1/2" (19 cm), without case
355288	Coronary Set of 5, consists of 1.0 mm, 1.5 mm, 2.0 mm, 2.5 mm and 3.0 mm, with a length of 7-1/2" (19 cm) without case
355286	Case for 355287
355295	1.0 mm, 7-1/2" (19 cm) long
355296	1.5 mm, 7-1/2" (19 cm) long
355297	2.0 mm, 7-1/2" (19 cm) long
355298	2.5 mm, 7-1/2" (19 cm) long
355299	3.0 mm, 7-1/2" (19 cm) long
355300	4.0 mm, 7-1/2" (19 cm) long
355301	5.0 mm, 7-1/2" (19 cm) long
355302	6.0 mm, 7-1/2" (19 cm) long
355303	7.0 mm, 7-1/2" (19 cm) long
355304	8.0 mm, 7-1/2" (19 cm) long
355305	9.0 mm, 7-1/2" (19 cm) long
355306	10.0 mm, 7-1/2" (19 cm) long
355290	Coronary Set of 12, 15" (38 cm), in autoclavable stainless steel case, individual sizes of 15" dilators are available upon request
355292	Set of 12, 15" (38 cm), without case
355291	Case for 355292

355286

355292

355291

VASCULAR DILATORS

Amato Design

AMATO PEDIATRIC DILATORS SET

352705

During the repair of complex congenital heart disease, the surgeon is required in many instances to locate orifices, trace the course of abnormal vessels, and perform various maneuvers of dilation and measurement of annulus or lumen diameters. In infants and children, the heart is usually confined within a small mediastinal space, precluding the use of conventional instruments presently available.

CATALOG #	DESCRIPTION
352705	Complete set of 10 with case. Tip lengths size 6-20 mm, handle and shaft lengths 6-1/2" (16.5 cm)

Cooley Design

COOLEY DILATORS

355315

5" (12.5 cm) long, aluminum handle.

CATALOG #	DESCRIPTION
355315	Set of 6, malleable aluminum shafts
355309	0.5 mm
355310	1.0 mm
355311	1.5 mm
355312	2.0 mm
355313	2.5 mm
355314	3.0 mm

VASCULAR DILATORS

Garrett Design

GARRETT DILATOR HOLDERS

355100

355101

CATALOG #	DESCRIPTION
355100	8-1/8" (20.5 cm)
355101	5-1/8" (13 cm)

Hiebert Design

HIEBERT DOUBLE-ENDED VASCULAR DILATORS

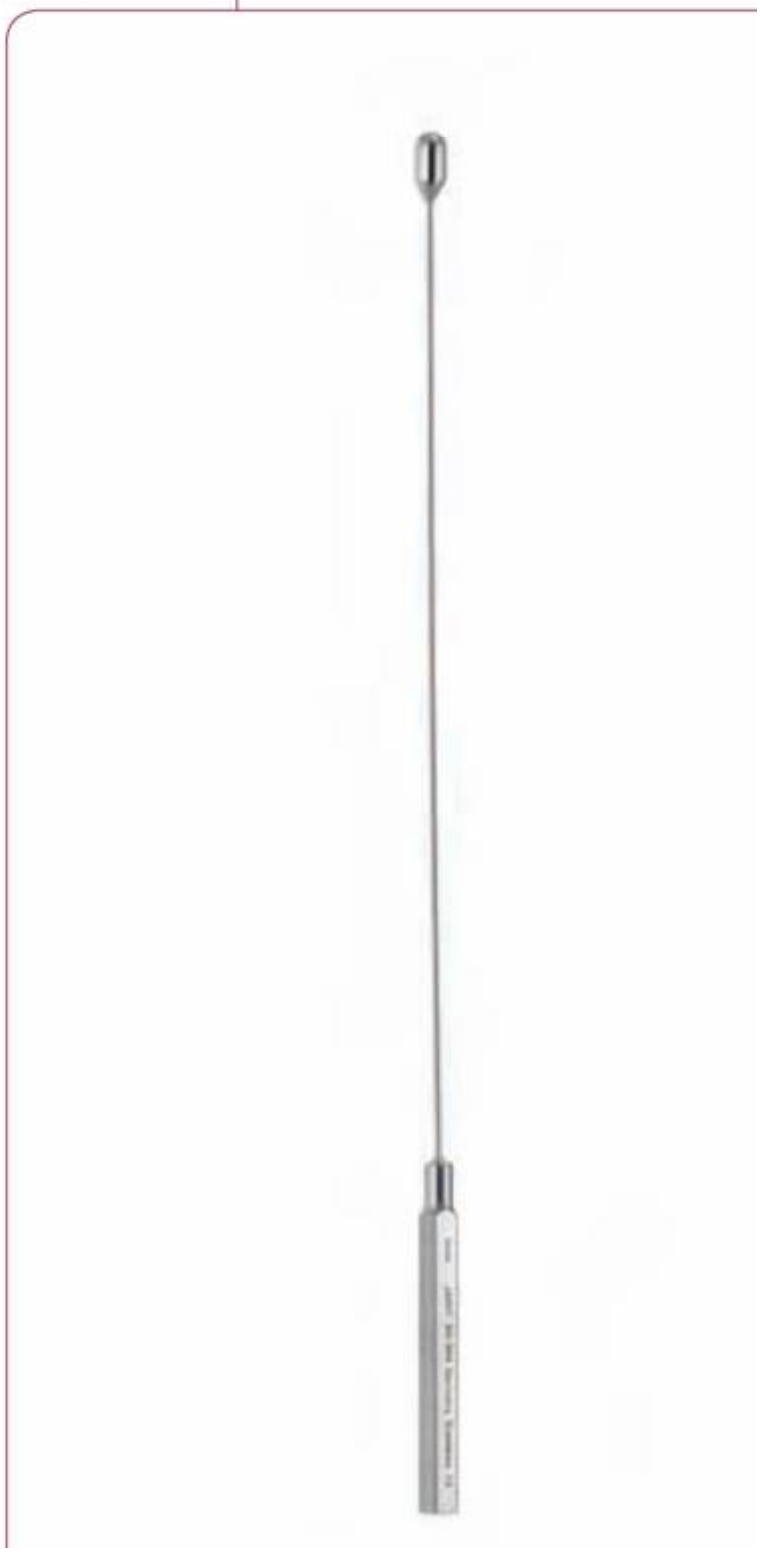
355277

A half and full size dilating olive per dilator, saves time passing instruments back and forth. Malleable shafts. 6" (15.2 cm) overall length.

CATALOG #	DESCRIPTION
355275	0.5 mm x 1 mm
355276	1.5 mm x 2 mm
355277	2.5 mm x 3 mm
355278	3.5 mm x 4 mm

GARRETT Vascular Dilators

310-385	8 1/4" (21cm), set of 9, with holder
	Garrett Dilator, 8 1/4" (21cm)
310-386	1.0 mm size
310-387	1.5mm size
310-388	2.0mm size
310-389	2.5mm size
310-390	3.0mm size
310-391	3.5mm size
310-392	4.0mm size
310-393	4.5mm size
310-394	5.0mm size
310-395	5 1/2" (14cm), set of 9, with holder
	Garrett Dilator, 5 1/2" (14cm)
310-396	1.0 mm size
310-397	1.5mm size
310-398	2.0mm size
310-399	2.5mm size
310-400	3.0mm size
310-401	3.5mm size
310-402	4.0mm size
310-403	4.5mm size
310-404	5.0mm size



COOLEY Vascular Dilators, malleable silver shaft

310-410	5 1/8" (13cm), set of 6

COOLEY Dilator, 5 1/8" (13cm)

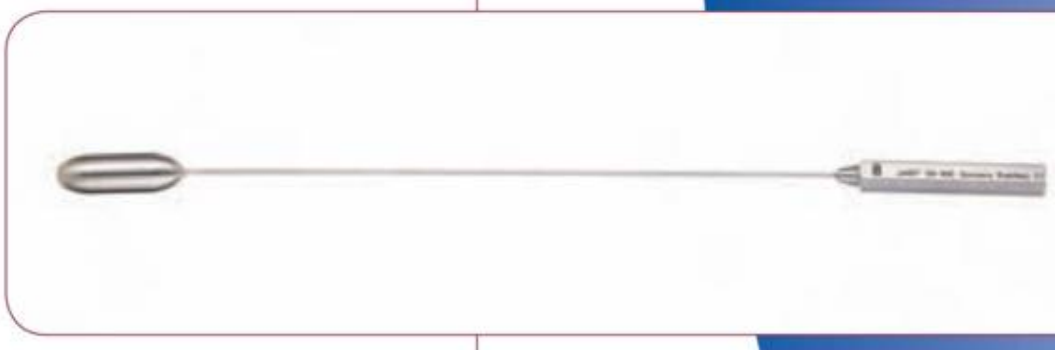
310-411	0.5 mm size
310-412	1.0 mm size
310-413	1.5mm size
310-414	2.0mm size
310-415	2.5mm size
310-416	3.0mm size

DeBAKEY Vascular Dilators

310-450	7 1/2" (19.1cm), set of 12

DeBAKEY Vascular Dilators, 7 1/2" (19.1cm)

310-451	1.0 mm size
310-452	1.5mm size
310-453	2.0mm size
310-454	2.5mm size
310-455	3.0mm size
310-456	4.0mm size
310-457	5.0mm size
310-458	6.0mm size
310-459	7.0mm size
310-460	8.0mm size
310-461	9.0mm size
310-462	10mm size



DeBAKEY Dilator Sterilizing Case

310-465	(Not Included with Set)

GARRETT Dilator Holders

310-406	8 1/4" (21cm)
310-407	5 1/2" (14cm)

VALVE INSTRUMENTS

PRIME SURGICAL INTERNATIONAL

AORTIC PUNCHES

Providing surgeons with the precise performance they demand during CABG surgery

Teleflex® Premium Diamond Edge Aortic Punch

FREE-FLOAT CUTTING ACTION TECHNOLOGY

By allowing the diamond edge blade to "float" around the punch core during operation, alignment is maintained and mechanical jamming is prevented. One punch can be used to create multiple punches in a single procedure.

DUAL-CUTTING ACTION

Two diamond-sharp cutting surfaces lift and cleanly cut through all layers of tough tissue. The smooth cutting action reduces trauma while the tapered distal portion increases visibility around the anastamotic site.

PREMIUM DIAMOND-EDGE AORTIC PUNCH, FULL LENGTH

DP-48K

CATALOG #	DESCRIPTION	SIZE	QUANTITY
DP-28K	Full Length Sterile (7-3/4" Handle)	2.8 mm	6
DP-36K	Full Length Sterile (7-3/4" Handle)	3.6 mm	6
DP-40K	Full Length Sterile (7-3/4" Handle)	4.0 mm	6
DP-44K	Full Length Sterile (7-3/4" Handle)	4.4 mm	6
DP-48K	Full Length Sterile (7-3/4" Handle)	4.8 mm	6
DP-52K	Full Length Sterile (7-3/4" Handle)	5.2 mm	6
DP-56K	Full Length Sterile (7-3/4" Handle)	5.6 mm	6
DP-60K	Full Length Sterile (7-3/4" Handle)	6.0 mm	6

PREMIUM DIAMOND-EDGE AORTIC PUNCH, MID-LENGTH

MDP-48K

CATALOG #	DESCRIPTION	SIZE	QUANTITY
MDP-28K	Mid-Length Sterile (6-3/4" Handle)	2.8 mm	6
MDP-36K	Mid-Length Sterile (6-3/4" Handle)	3.6 mm	6
MDP-40K	Mid-Length Sterile (6-3/4" Handle)	4.0 mm	6
MDP-44K	Mid-Length Sterile (6-3/4" Handle)	4.4 mm	6
MDP-48K	Mid-Length Sterile (6-3/4" Handle)	4.8 mm	6
MDP-52K	Mid-Length Sterile (6-3/4" Handle)	5.2 mm	6
MDP-56K	Mid-Length Sterile (6-3/4" Handle)	5.6 mm	6
MDP-60K	Mid-Length Sterile (6-3/4" Handle)	6.0 mm	6

VALVE INSTRUMENTS

Coronary Perfusion Catheters

JEHLE STERILE CORONARY CATHETERS

351476

Designed for aortic valve surgery and any cardiac or thoracic surgery requiring cardioplegia infusion directly into the coronary ostium or vein by-pass graft. Catheter is secured in the coronary ostium of the graft lumen due to the compression/expansion of the foam cuff, eliminating the need to suture catheter in position.

- Soft, tapered polyurethane foam cuff on distal end of catheter.
- Malleable, twisted stainless steel wire incorporated into distal end of catheter.
- Flexible silicone tubing.
- Pre-packaged sterile, for single use only.

CATALOG #	QUANTITY	OVERALL LENGTH	CUFF SIZE DIAMETER	CATHETER DIAMETER (ID/OD)
351470	Box of 5	20-1/4" (51.5 cm)	9/32" (7.1 mm)	1.14/2.54 mm
351472	Box of 5	20-1/4" (51.5 cm)	11/32" (8.7 mm)	1.14/2.54 mm
351474	Box of 5	20-1/4" (51.5 cm)	13/32" (10.3 mm)	1.73/3.45 mm
351476	Box of 5	20-1/4" (51.5 cm)	15/32" (11.9 mm)	1.73/3.45 mm

NICHOLAS-JEHLE STERILE MULTI-HEADED PERFUSION CATHETER

351490

Incorporates all four Jehle catheter/cuff sizes on one common catheter.

CATALOG #	DESCRIPTION
351490	Box of 5

VALVE INSTRUMENTS

Valve Dilators

GERBODE VALVE DILATOR

For retrograde fracture of the mitral valve through a small incision in the apex of the left ventricle. It has a regulating screw so that the mitral valve can be gradually fractured. May also be used for fracture of the aortic and pulmonary valves.

CATALOG #	DESCRIPTION
352615	Blades adjustable, opening to 1-3/4" (4.5 cm) wide

TUBBS VALVE DILATOR

CATALOG #	DESCRIPTION
352630	Maximum blade opening 1-3/4" (4.5 cm) wide

VALVE INSTRUMENTS

Valve Hooks

MICRO VASCULAR NERVE HOOK

357532

CATALOG #	DESCRIPTION
357532	Micro hook, small, 7-1/4" (18.5 cm)

SISSON NERVE HOOK

060120

CATALOG #	DESCRIPTION
060120	90 degree angled, blunt, 6 mm hook, 6-1/8" (15.5 cm)

REVUELTA-GARCIA VALVE MIRROR

351737

CATALOG #	DESCRIPTION
351737	9" (23 cm)

VALVE INSTRUMENTS

Valve Hooks

CARDIAC VALVE HOOK, CALIBRATED

351749

CATALOG #	DESCRIPTION
351749	9-3/4" (24.5 cm), 10 mm hook

COARCTATION HOOK

355175

Stainless steel.

CATALOG #	DESCRIPTION
355175	Right angle bend, blunt tip, 7 mm hook, 10-1/8" (25.5 cm)

DEBAKEY VALVE HOOK

351785

Slender shaft, sharp-pointed hooks used to aid in manipulation of valves in replacement operations.

CATALOG #	DESCRIPTION
351785	3/8" (8.5 mm) hook, 12-1/2" (31.5 cm)

VALVE INSTRUMENTS

Aortic Valve Rongeurs

BAILEY AORTIC VALVE RONGEURS

These instruments were designed for the removal of calcified material from the stenotic aortic valve. They have also proven useful in peripheral vascular surgery for trimming stenotic arteries and plaque removal. They are in six styles but all have the same 3.5 mm wide-bite. Working length 5-1/8" (13 cm).

CATALOG #	DESCRIPTION
352800	Straight biting
352802	Slight downward angle (25 degrees)
352804	Acute downward angle (70 degrees)
352806	Right downward angle (90 degrees)
352808	Angled to left side (45 degrees)
352810	Angled to right side (45 degrees)

PRIME S

VALVE INSTRUMENTS

Suture Rings

CRAWFORD SUTURE RING

352598

Affords a convenient method of retaining sutures in mitral and aortic valve replacement.

CATALOG #	DESCRIPTION
352598	Diameter 10" (25.5 cm)

GRUNWALD SUTURE GUIDE HOLDER

342015

The Grunwald Suture Guide Holder, when used with the Gabbay-Frater™ Suture Guides (pg. 1158), affords a convenient method of keeping numerous sutures properly aligned during cardiac valve replacement procedures. The holder can be positioned directly over the sternotomy retractor. Three spring clips on the underside of the holder secure it to the surgical drapes. Three sterile, disposable Gabbay-Frater™ Suture Guides may be placed on the retaining posts of the holder either before or after placement of the holder over the sternotomy. The Grunwald Holder provides a flat, constant and secure surface for the suture guides and speeds placement by eliminating the need for using numerous towel clips that can also tend to clutter the operative field. The Grunwald Suture Guide Holder is made of stainless steel and may be steam autoclaved.

CATALOG #	DESCRIPTION
342015	13-1/4" (33.5 cm)

VALVE INSTRUMENTS

Valve Retractors

LEMOLE SIDE ARM EXTENSION

341515

CATALOG #	DESCRIPTION
341515	For third point atrial retraction during mitral valve surgery, fits Cooley-style and Chaux Retractors.

ABLAZA-BLANCO CARDIAC VALVE RETRACTOR

351763

Notched to prevent slippage in use.

CATALOG #	DESCRIPTION
351763	Angulated, blade 9/16" (1.5 cm) wide, 13" (33 cm)

BLANCO VALVE INSTRUMENTS

351750

351752

351754

351755

Long, slender shaft retractors with small, thin blades specially made for use on heart valves. The "spreader" is a fenestrated retractor designed to allow the insertion of the scissors blades. All have a finger rest on a knurled handle. Working length of shaft is 7-1/16" (18 cm).

CATALOG #	DESCRIPTION
351750	Blanco Retractor, blade 5 mm wide x 7 mm deep, 11-1/2" (29 cm)
351752	Blanco Retractor, blade 7 mm wide x 7 mm deep, 11" (28 cm)
351754	Blanco Retractor, Cushing type, blade 12 mm wide x 7 mm deep, 11" (28 cm)
351755	Blanco Valve Spreader, blade 9 mm wide x 10 mm deep, 11-1/2" (29 cm)

VALVE INSTRUMENTS

Valve Retractors

CHAUX-LEMOLE BI-ANGLE T-FRAME

341514

Bi-Angle T-Frame, for additional third point atrial retraction during mitral valve surgery, fits Cooley-style and Chaux Retractors.

CATALOG #	DESCRIPTION
341514	Arm tip maximum diameter 0.252", overall width 9-7/8" (25 cm)

LEMOLE SELF RETAINING ATRIAL RETRACTOR

351783

Designed to eliminate the need for an assistant when retracting the left atrium during mitral valve repair or replacement. Will attach to most standard chest retractors.

CATALOG #	DESCRIPTION
351783	10-1/2" (26.5 cm)

PRIME SUR

VALVE INSTRUMENTS

Valve Retractors

LEMOLE-PILLING® VALVE RETRACTOR

341506

341511

341512

341513

341520

341522

341523

Provides self-retaining valve retraction. Fits directly onto arms of many types of sternal retractors. The T-Frame cross bar attaches to the sternal retractor by means of a "C" clamp. 8" (20.3 cm) T-Frame cross bar allows for addition of valve retractor blades without removing previously placed blades, using universal clamps. Set includes 6 valve retracting blades and 2 universal clamps. Various size blades available for any size atrium.

CATALOG #	DESCRIPTION
341501	Lemole-Pilling® Valve Retractor Set #1 Fits Cooley and Chaux Sternal Retractors
341502	Lemole-Pilling® Valve Retractor Set #2 Fits Morse-style Retractors
341503	Lemole-Pilling® Valve Retractor Set #3 Fits Ankeney Retractor
341506	Lemole-Pilling® Valve Retractor Set #1 with Cooley Retractor (341195)
341511	Lemole-Pilling® T-Frame #1 only
341512	Lemole-Pilling® T-Frame #2 only
341513	Lemole-Pilling® T-Frame #3 only

COMPLETE SET INCLUDES		QTY.
341520	Universal Clamp for Lemole	2
341522	Cooley Atrial Retractor, small, 9-1/2" (24 cm)	2
341523	Cooley Atrial Retractor, medium, 9-1/2" (24 cm)	1
341524	Cooley Atrial Retractor, large, 9-1/2" (24 cm)	1
341525	Malleable Atrial Retractor, 8-3/4" (22 cm)	2
341511, 341512, or 341513	T-Frame only for type #1, #2 and #3	1

VALVE INSTRUMENTS

Valve Retractors

DESMARRES VALVE RETRACTORS

351769

Lightweight blades of various sizes constructed of Beryllium Copper. Shafts are semi-malleable. Length 7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
351767	Width 4 mm
351768	Width 6 mm
351769	Width 8 mm
351770	Width 10 mm
351771	Width 12 mm
351772	Width 15 mm

MORSE VALVE RETRACTOR

351780

Cushing-shaped blades 12 mm deep.

CATALOG #	DESCRIPTION
351780	Blade 1-5/8" (42 mm) wide, 8-1/2" (21.5 cm)

REVUELTA GARCIA VALVE LEAFLET RETRACTOR

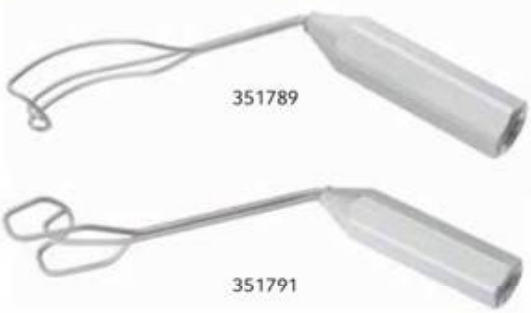
351747

CATALOG #	DESCRIPTION
351747	8" (20.5 cm) working length

VALVE INSTRUMENTS

Valve Retractors

COOLEY MITRAL VALVE RETRACTORS



Designed to provide optimum exposure of the mitral valve, particularly for complete valve replacement. The wire frame blades are shaped to help solve exposure problems in the approach from a right or left thoracotomy and are therefore available as Right and Left Retractors.

CATALOG #	DESCRIPTION
351788	Right, small blade width 7/8" (2 cm), depth 1/2" (1.5 cm), overall length 7-1/4" (18.5 cm)
351789	Right, medium blade width 1-3/8" (3.5 cm), depth 3/4" (2 cm), overall length 7-1/2" (19 cm)
351790	Right, large blade width 1-7/8" (4.5 cm), depth 1-3/8" (3.5 cm), overall length 7-3/8" (19 cm)
351791	Left, large blade width 1-7/8" (4.5 cm), depth 3/8" (1 cm), overall length 8-7/8" (22.5 cm)

PEDIATRIC UNIVERSAL CLAMPS

341531

CATALOG #	DESCRIPTION
341531	Set of 2

CRAWFORD AORTIC RETRACTORS

351774

To retract aortic incision exposing aortic valve in replacement operation. Incision is made about an inch beyond the heart, about halfway around the circumference of the aorta. This retractor retracts the lower lip, exposing the valve.

CATALOG #	DESCRIPTION
351773	Small, blade 15 mm wide x 20 mm deep, 7-3/8" (18.5 cm)
351774	Large, blade 22 mm wide x 20 mm deep, 7-7/8" (20 cm)

AORTIC PUNCHES

Reusable Punches

WYLIE CALCIFIED ARTERIAL PUNCH

CATALOG #	DESCRIPTION
352825	Punches 1.3 mm hole, 8" (20.5 cm)

PRIME SURGICAL IN

HEPARIN CANNULAE

HEPARIN CANNULA WITH LUER-LOK

A complete line of stainless steel, reusable heparin cannulae. A selection of sizes, shapes and lengths provides for a variety of uses in flushing, irrigation and injection.
Applications include peripheral vascular, cardiac, general, orthopedic, urology and neuro surgery.

CATALOG #	DESCRIPTION
351560	Stoney Heparin Injector 1-7/8" (4.5 cm)
351573	Zanger Heparin Cannula, malleable, 4 mm tip, 2-1/2" (6.5 cm)
351574	Horsely Heparin Cannula, 2-3/8" (6 cm)
351575	DeBakey® Heparin Cannula, malleable, 3 mm tip, 2-1/2" (6.5 cm)
351576	DeBakey® Heparin Cannula, malleable, 3.7 mm tip, 2-7/8" (7.5 cm)
351577	DeBakey® Heparin Cannula, malleable, 4 mm tip, 6" (15 cm)
351578	23 gauge tip, 2-1/8" (5.5 cm)
351586	Garrett Heparin Injector, malleable, 5/16" (8 mm) tip, working length 3" (7.5 cm)
351587	Garrett Heparin Injector, malleable, 1/2" (12 mm) tip, working length 3" (7.5 cm)
351593	Samson Heparin Injector, malleable, small 7 mm tip, 3-3/8" (8.5 cm)
351594	Samson Heparin Injector, malleable, medium 9 mm tip, 3-3/8" (8.5 cm)

ADSON Dura Hooks, 8" (20.3cm)

285-225	Sharp
285-227	Blunt

DANDY Nerve Hook, 9" (22.9cm)

285-230	Blunt

BLUNT Hooks, 7" (17.8cm)

310-532	2mm round tip
310-533	3mm ball tip

BALL Nerve Hooks

310-545	7 1/4" (18.4cm), 10mm angled tip
310-544	7 3/4" (19.7cm), 25mm angled tip

SMITHWICK Sympathectomy Hook and Dissector

285-315	12 1/4" (31.1cm)

PENFIELD Dissector No. 4, Slightly Curved

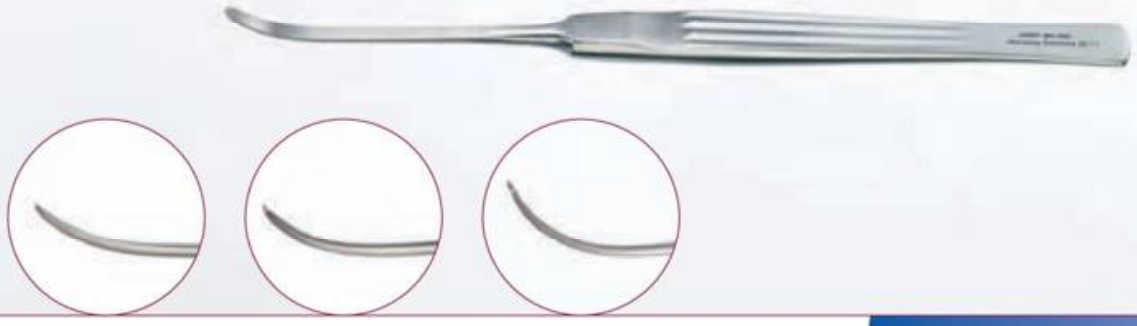
285-368	8" (20.3cm), light

FREER Double-Ended Elevators, Sharp-Blunt Blades, 7 3/4" (19.7cm)

285-379	6.5mm blades
285-380	4.5mm blades

LEMMON Intima Dissectors, 6 1/2" (16.5cm)

310-480	Slight curve
310-481	Medium curve
310-482	Full curve



OLIVECRONA Double-Ended Dissectors

310-485	7 1/4" (18.4cm), delicate
310-486	9 1/2" (24.1cm), delicate
310-487	7 3/4" (19.7cm), heavy
310-488	9 1/2" (24.1cm), heavy

Mill I S Endarterectomy Spatula, 5 7/8" (17.5cm)

310-547	1.8mm blade

JARIT Plaque Retrievers

310-551	Mini: 6 1/2" (16.5cm), curved jaws 2" (5.1cm)
310-550	Short: 7 1/4" (18.4cm), angled jaws 1 1/16" (2.8cm)
310-549	Long: 7 1/2" (19.1cm), angled jaws 1 1/2" (3.8cm)

JAVID Carotid Artery Bypass Clamps

320-550	6 3/4" (17cm), 4mm ring
320-555	7 1/2" (19cm), 6mm ring

NORRIS Sponge Holding Forceps

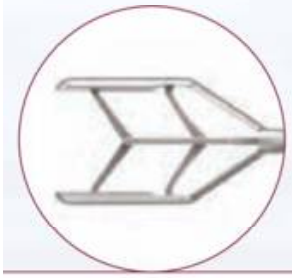
295-295	13" (33cm) overall length, straight distal portion 6 1/4" (15.9cm)

MEDIASTINAL Dissection Forceps

295-296 12" (30.4cm) overall length, distal portion 7 1/2" (19.1cm)

TUBBS Mitral Valve Dilator

310-520 Maximum blade opening 1 3/4" (4.5cm)



BAILEY Aortic Valve Rongeur

310-522 4 1/2" (11.4cm) shaft, straight, 3mm bite

COOLEY Vena Cava Catheter Clamps

320-560	Child size, 7 3/8" (18.7cm), 24 Fr
320-562	Child size, 7 3/8" (18.7cm), 26 Fr
320-564	Adult size, 8" (20.3cm), 28 Fr
320-566	Adult size, 8" (20.3cm), 30 Fr
320-568	Adult size, 8" (20.3cm), 32 Fr
320-570	Adult size, 8" (20.3cm), 34 Fr
320-572	Adult size, 8" (20.3cm), 36 Fr

PRIME S

JARIT Chest Tube Passer

320-620	9 3/4" (24.8 cm), without ratchet
320-621	9 3/4" (24.8 cm), with ratchet
320-622	14" (35.6 cm), without ratchet

PRESBYTERIAN HOSPITAL Tube Occluding Forceps

110-150	6 1/2" (16.5cm)

JARIT Tube Occluding Forceps

110-154	5 1/2" (14cm), beveled edges, delicate jaws with smooth inner surfaces

JARIT (VORSE) Tube Occluding Forceps

110-155	5 1/2" (14cm)
110-157	7 1/4" (18.4cm)
110-159	8" (20.3cm), heavy jaw

JARIT Tube Occluding Forceps, With U-Shaped Guard

110-160	5 1/2" (14cm)
110-161	7 1/4" (18.4cm)
110-162	8" (20.3cm), heavy jaw

SAFETY BLADE REMOVER

110-164

RUMEL Tourniquets

305-498	Obturator only, adult size, (crochet hook)
305-499	Obturator only, child size, (crochet hook)
305-500	Adult size, 12" (30.5cm)
305-501	Child size, 8 1/4" (21cm)

CASTANEDA Suture Tag Forceps, 3 3/4" (9.5cm), Numbered for Identification, Smooth Jaws

320-615	No. 1
320-616	No. 2
320-617	No. 3
320-618	No. 4

Gregory Stay Suture Clamps, 4 3/4" (12.1cm), Smooth Jaws (for tricuspid valve)

320-625	5/8" (1.6cm) gold band
320-626	3/4" (1.9cm) gold band
320-627	1 5/8" (4.1cm) gold band

STOPCOCK, Female to Male LUER Lock Tip, Female LUER Lock Right-Side Connection

310-377

LUER LOCK ADAPTER

310-378 For 1/8" tubing, male luer lock to hose end

STONEY Heparin Injector

310-379 1 7/8" (4.8cm)

DeBAKEY Heparin Cannula

310-382 6 1/4" (15.9cm), malleable, 5mm tip

HEPARIN Flushing Needle

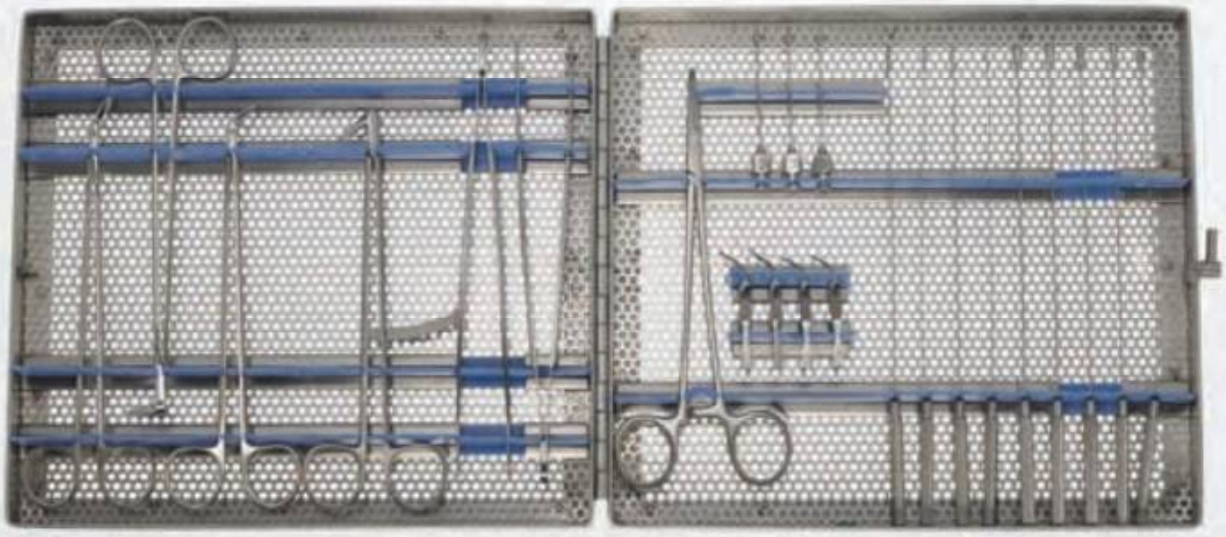
310-383	2" (5.1cm), malleable, 3mm tip

DeBAKEY Heparin Cannula

310-384	2 1/8" (5.4cm), malleable, 2.7mm tip

DIETRICH Coronary Artery Bypass Kit

310-380	DIETRICH Coronary Artery Bypass Kit Includes:
310-350	Coronary Artery Scissors, 7" (17.8cm), 25° angle
310-351	Coronary Artery Scissors, 7" (17.8cm), 45° angle
310-352	Coronary Artery Scissors, 7" (17.8cm), 60° angle
310-353	Coronary Artery Scissors, 7" (17.8cm), 90° angle
310-360	Circumflex Artery Scissors, 7" (17.8cm), 130° angle
140-330	Gemini Clamp, 7" (17.8cm)
320-114	DeBakey-Diethrich Coronary Artery Forceps, 7.75" (19.7cm)
320-170	Diethrich Micro-Coronary Bulldog Clamps, 8mm
320-172	Diethrich Micro-Coronary Bulldog Clamps, 12mm
310-383	Heparin Flushing Needles, 2" (5.1cm)
310-385	Set of 9 Garrett Vascular Dilators, 8.25" (21cm)
310-381	Sterilizing case



NABATOFF Vein Stripper

160-120 Complete set in stainless steel sterilizing case

CRAWFORD-COOLEY Graft Tunneler

310-570 18" (45.7cm), light curve, 12mm inside diameter

DARDIK Vascular Tunneler

310-576 25 1/8" (64cm) 12mm Inner Diameter, 14mm Outer Diameter
310-575 19 5/8" (50cm) 8mm Inner Diameter, 10mm Outer Diameter
(310-575 Shown Disassembled; Please refer to Spare Parts section for individual parts)

DeBAKEY Femoral Bypass Tunneler

310-580 20 3/4" (52.5cm), malleable stainless steel shaft

SUNDT External (Loop) Shunt, Original Design, Fully Spring Reinforced, Total Length 11 3/4" (30cm)

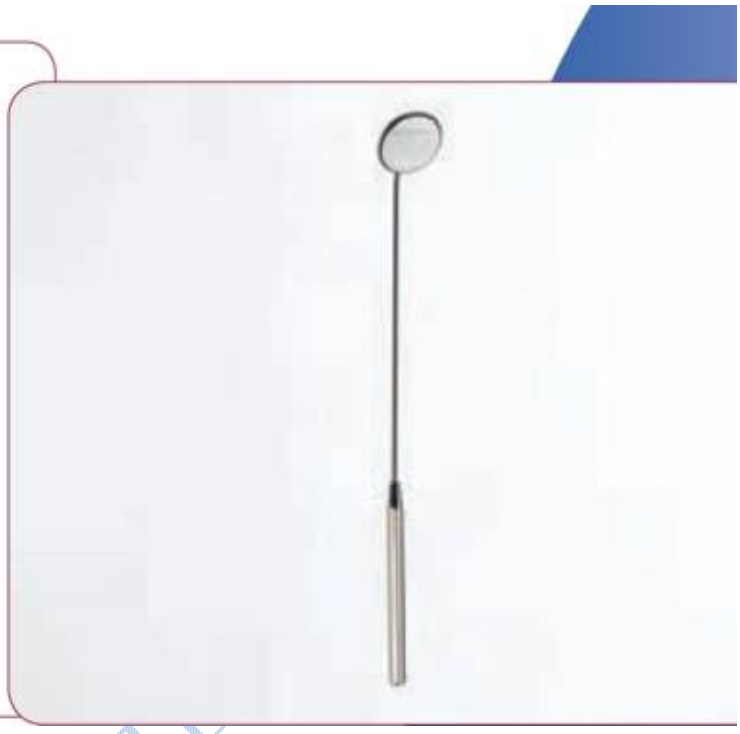
NL850-5070	3.0mm x 4.0mm
NL850-5071	3.0mm x 5.0mm

SUNDT External (Loop) Shunt, With 1 cm Non-Reinforced Center Segment, Total Length 11 3/4" (30cm)

NL850-5076	3.0mm x 4.0mm
NL850-5077	3.0mm x 5.0mm

Laryngeal Mirrors, Threaded Handle

460-100	#00: 12mm diameter, 7 3/4" (19.7cm)
460-101	#0: 14mm diameter, 7 3/4" (19.7cm)
460-102	#1: 16mm diameter, 7 3/4" (19.7cm)
460-103	#2: 18mm diameter, 7 7/8" (20cm)
460-104	#3: 20mm diameter, 8" (20.3cm)
460-105	#4: 22mm diameter, 8" (20.3cm)
460-106	#5: 24mm diameter, 8 1/4" (21cm)
460-107	#6: 26mm diameter, 8 1/4" (21cm)
460-108	#7: 28mm diameter, 8 5/8" (21.9cm)
460-109	#8: 30mm diameter, 8 5/8" (21.9cm)



PRIME SURGICAL INTL

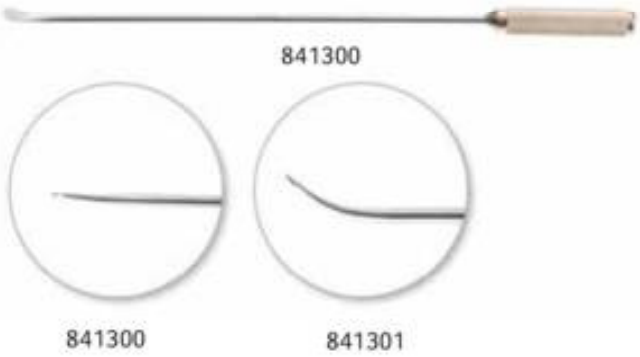
VIDEO ASSISTED THORACOSCOPY

PRIME SURGICAL INTERNATIONAL

VIDEO-ASSISTED THORACOSCOPY

Design

KAISER-PILLING® SPATULA



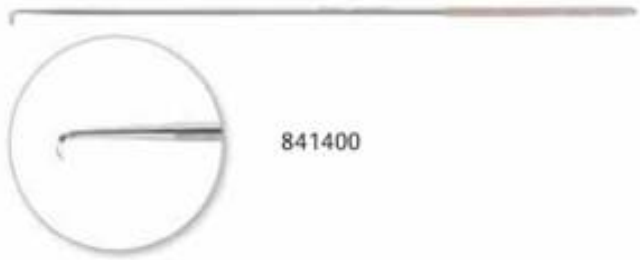
14" (35.5 cm).

CATALOG #	DESCRIPTION
841300	Slight curve
841301	Acute curve
841302	Straight

KAISER-PILLING® ANDREWS SUCTION

CATALOG #	DESCRIPTION
841351	11-3/4" (30 cm)

KAISER-PILLING® HOOK



CATALOG #	DESCRIPTION
841400	Blunt, 13" (33 cm)

VIDEO-ASSISTED THORACOSCOPY

Design

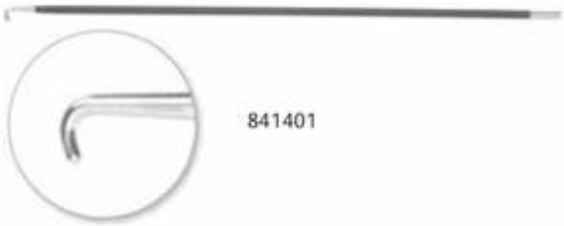
KAISER-PILLING® BIOPSY FORCEPS

CATALOG #	DESCRIPTION
841100	Malleable, 4 mm cup, 12-5/8" (32 cm)
841101	Rigid, slightly curved, 4 mm cup, 11" (28 cm)

KAISER-PILLING® ANGLE SICKLE KNIFE

CATALOG #	DESCRIPTION
841330	Sharp tip, 13" length (33 cm)

KAISER-PILLING® BLUNT HOOK



CATALOG #	DESCRIPTION
841401	Insulated, 13" (33 cm)

VIDEO-ASSISTED THORACOSCOPY

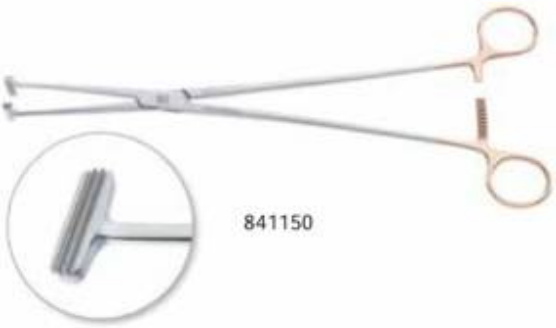
Design

KAISER-PILLING® DEBAKEY®-TYPE RING FORCEPS

1 x 11 ratchets.

CATALOG #	DESCRIPTION
841050	Straight (1AG), 12-5/8" (32 cm)
841051	"S"-shaped (5AG), 11-3/4" (30 cm)
841052	Curved jaw (2AG), 12-1/4" (31 cm)

KAISER-PILLING® DEBAKEY®-TYPE ALLIS RING FORCEPS



CATALOG #	DESCRIPTION
841150	2 x 3 DeBakey®-type Jaws, 21 mm, 12" (31 cm)

VIDEO-ASSISTED THORACOSCOPY

Design

KAISER-PILLING® THORACOSCOPIC FORCEPS

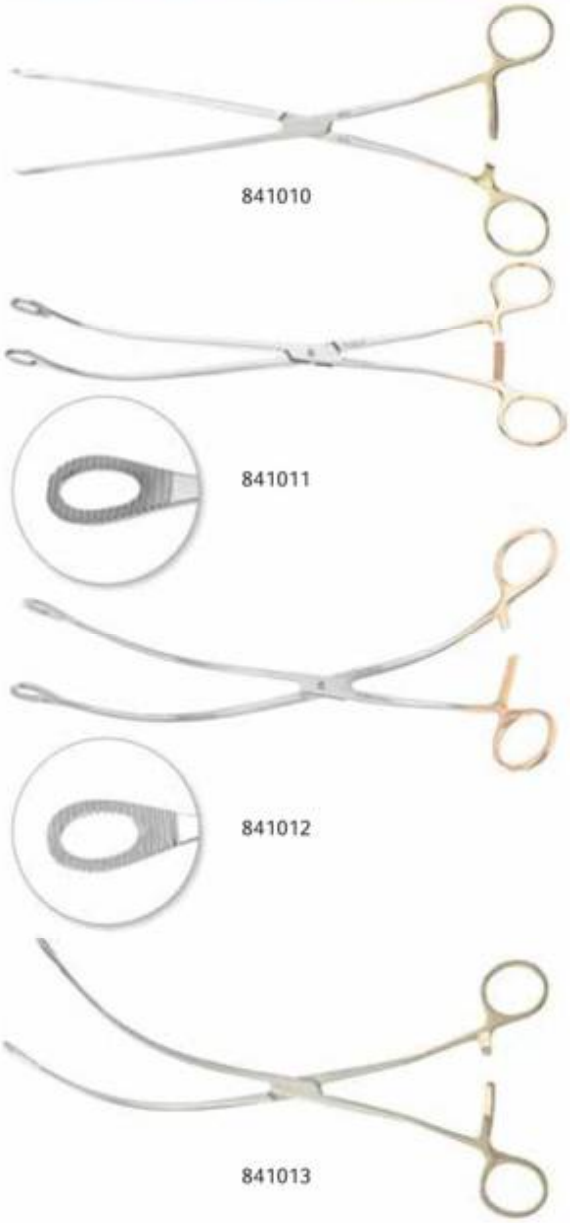
CATALOG #	DESCRIPTION
841160	Straight, without ratchets, 12" (31 cm)
841161	Slight curve, without ratchets, 11-3/4" (30 cm)

PRIME SU

VIDEO-ASSISTED THORACOSCOPY

Design

KAISER-PILLING® LONG JAW RING FORCEPS



1 x 11 ratchets, 6-3/8" (16 cm) jaw.

CATALOG #	DESCRIPTION
841010	Straight (1L), 6-3/8" (16 cm) jaw, 12-5/8" (32 cm)
841011	Curved (2L), 6-3/8" (16 cm) jaw, 12-1/4" (31 cm)
841012	"C" shaped (4L), 6-3/8" (16 cm) jaw, 10-7/8" (28 cm)
841013	Curved on side (3L), 12-1/8" (31 cm)
841014	Curved handle, 12-1/8" (31 cm)
841015	90 degree ring jaw, 11-7/8" (30 cm)
841016	45 degree ring jaw, 12-1/4" (31 cm)

VIDEO-ASSISTED THORACOSCOPY

Design

KAISER-PILLING® SHORT JAW RING FORCEPS

1 x 11 ratchets, 3-3/8" (8.5 cm) jaw.

CATALOG #	DESCRIPTION
841030	Straight (1S), 12-5/8" (32 cm)
841031	Curved (2S), 12-1/8" (31 cm)
841032	C-shaped (4S), 10-7/8" (28 cm)
841033	Curved on side (3S), 12" (30.5 cm)
841034	Curved handle, 11-7/8" (30 cm)

INSTRUMENTS

Instruments designed specifically for thoracoscopy that deliver the versatility you require and the feel to which you are accustomed.

Unique instruments with a "No Cannula" technique provide you with a versatility not found before in thoracoscopy procedures.

Elimination of cannulas allows for the use of traditional patterns of instruments that have been elongated and shaped to meet the special needs of the thoracoscopist. These new-dimensioned instruments provide you with the familiar feel, weight and balance to which you are accustomed. This means you can rely on the practiced hand movements used in open procedures. The accessories extend your "reach" even farther.

Other advantages of the "No Cannula" procedure using these instruments are:

- Reduced patient costs since fewer cannulas are required
- Palpation of lesions is permitted
- Number of incisions is minimized as instrument length and shape permit access to all areas of the thoracic cavity

CATALOG #	DESCRIPTION
841000	Complete set includes: 166868, 841010, 841011, 841012, 841013, 841030, 841031, 841032, 841033, 841050, 841051, 841052, 841100, 841101, 841300, 841301, 841350, 841351, 841400, 841951
166868	Lahey instrument holder
841010	Ring forceps (1L)
841011	Ring forceps (2L)
841012	Ring forceps (4L)
841013	Ring forceps (3L)
841030	Ring forceps (1S)
841031	Ring forceps (2S)
841032	Ring forceps (4S)
841033	Ring forceps (3S)
841050	Atraugrip ring forceps (1AG)
841051	Atraugrip ring forceps (5AG)
841052	Atraugrip ring forceps (2AG)
841100	Biopsy forceps, malleable
841101	Biopsy forceps, rigid
841300	Spatula, slightly curved
841301	Spatula, acute curved
841350	Yankauer suction tube
841351	Andrews suction tube
841400	Hook, blunt
841951	2 tier storage tray

VIDEO-ASSISTED THORACOSCOPY

Landreneau Design

LANDRENEAU THORACOSCOPY TRAY

211500

CATALOG #	DESCRIPTION
211500	20-3/4" (52.5 cm) x 9-7/8" (25 cm)

LANDRENEAU THORACOSCOPY SET

211600

CATALOG #	DESCRIPTION
211600	Complete set. Includes all catalog codes in the Landreneau Design section (except 341310, the optional Heitmiller Mini Thoracotomy Retractor)

PRIME

VIDEO-ASSISTED THORACOSCOPY

Landreneau Design

MEEKER DISSECTING FORCEPS

CATALOG #	DESCRIPTION
211290A	90 degree curved, 2.7 mm tip width, 21 cm shaft length, locking, 9-3/4" (24.5 cm) working length

METZENBAUM SCISSORS CURVED

CATALOG #	DESCRIPTION
211325A	1.7 mm tip width, 10 mm diameter shaft, 21 cm shaft length, non-locking, 9-1/2" (24 cm) working length

STRAIGHT SINGLE ACTION NEEDLE HOLDER

CATALOG #	DESCRIPTION
215558A	5 mm diameter shaft, 21 cm shaft length, locking, 8-7/8" (23 cm) working length

VIDEO-ASSISTED THORACOSCOPY

Landreneau Design

STRAIGHT MASHER GRASPING FORCEPS

CATALOG #	DESCRIPTION
211118A	Round, 13.8 mm tip width, 21 cm shaft length, locking, 11-3/4" (30 cm) working length

STRAIGHT DEBAKEY GRASPING FORCEPS

CATALOG #	DESCRIPTION
211603A	10 mm diameter, 7 mm tip width, 21 cm shaft length, locking, 11-3/4" (30 cm) working length

LAWRENCE FINE DISSECTING FORCEPS

CATALOG #	DESCRIPTION
211245A	45 degree curved tip, 21 cm shaft length, locking, 9-7/8" (25 cm) working length, overall length 15-3/8" (39 cm)

VIDEO-ASSISTED THORACOSCOPY

Landreneau Design

PENNINGTON GRASPING FORCEPS

CATALOG #	DESCRIPTION
131114A	10.2 mm tip width, 10 mm shaft diameter, 13 cm shaft length, locking, 7-7/8" (20 cm) working length

STRAIGHT MASHER GRASPING FORCEPS

CATALOG #	DESCRIPTION
211116A	Thin, teardrop-shaped, 10 mm diameter, 21 cm shaft length, locking, 7.8 mm tip width, 11-3/4" (30 cm) working length

CURVED MASHER GRASPING FORCEPS

CATALOG #	DESCRIPTION
211117A	Thin, teardrop-shaped, tip curved 20 degrees, 7.8 mm tip width, 21 cm shaft length, locking

VIDEO-ASSISTED THORACOSCOPY

Retractors

HEITMILLER MINI THORACOTOMY RETRACTOR

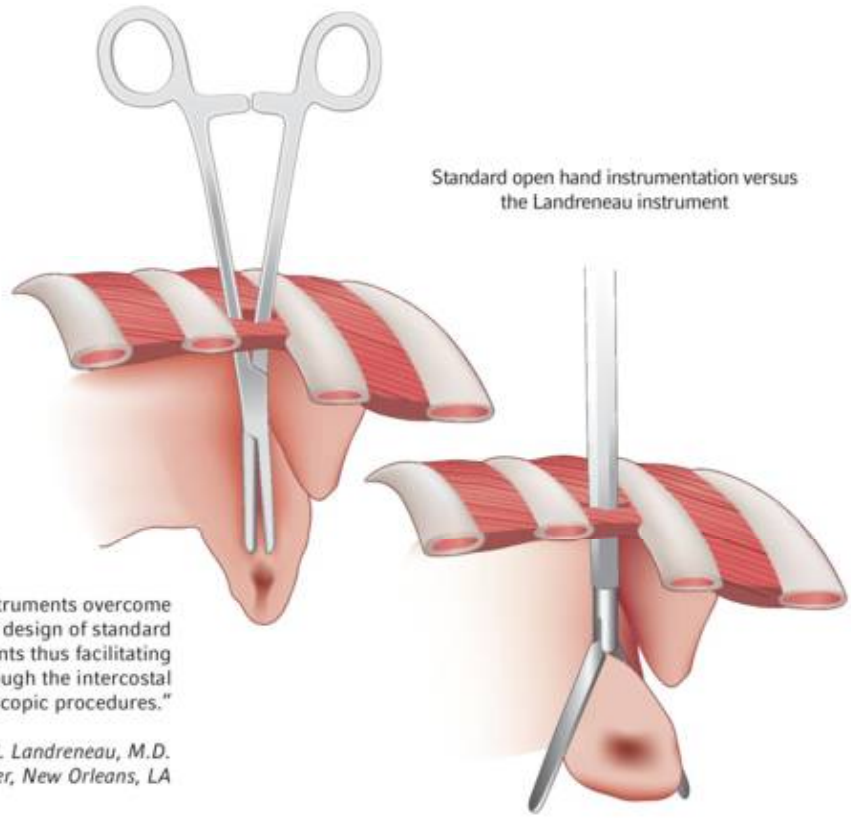
341310

Designed by Dr. Richard Heitmiller.

CATALOG #	DESCRIPTION
341310	This retractor provides excellent exposure for video-assisted thoracoscopy, open lung biopsies, transaxillary incisions and mid-CAB procedures in which mini-thoracotomy incisions are used. With its small "footprint," it also is ideal for mobilizing lung adhesions during video thoracotomies.

Landreneau Design

Landreneau Thoracoscopy Instruments are used in video-assisted thoracoscopy and minimally invasive procedures. Their unique design overcomes the limitations of the central-hinge on standard open instruments, enabling the instruments to be fully functional when placed through a small incision. Elongated shafts and large jaws provide extended reach while the ring-handled design offers the comfort and familiarity of a traditional open instrument. A custom tray is available to protect your instrument investment.



Standard open hand instrumentation versus the Landreneau instrument

"The Landreneau design instruments overcome the limitations of the central hinge design of standard (open) hand surgical instruments thus facilitating instrument manipulation through the intercostal access during thoracoscopic procedures."

Rodney J. Landreneau, M.D.
Ochsner Medical Center, New Orleans, LA

VIDEO-ASSISTED THORACOSCOPY

Design

KAISER-PILLING® SUCTION WITH THUMB VALVE

841350

CATALOG #	DESCRIPTION
841350	13-1/4" (33.5 cm)

KAISER-PILLING® TRAY

841951

CATALOG #	DESCRIPTION
841951	20-3/4" length x 10" width x 4-5/8" height (52.5 x 25.5 x 11.5 cm)

PRIME

SUCTIONS

PRIME SURGICAL INTERNATIONAL

SUCTION TUBES

DEBAKEY® SUCTION TUBES

351500

351501

351502

Small diameter, curved tubes with finger valve control.

CATALOG #	DESCRIPTION
351500	9.5 mm tip, 11-3/8" (29 cm)
351501	DeBakey® Suction Tube Tip for 351500, 3/8" (9.5 mm)
351502	3 mm diameter tip, 12-1/4" (31 cm)

DEBAKEY®-ADSON CORONARY SUCTION TUBES

351506

Distal opening with four side openings 3 mm long, 4 mm diameter.

CATALOG #	DESCRIPTION
351504	6-1/8" (15.5 cm)
351506	8-1/8" (20.5 cm)

BONNIER CATHETER ADAPTER

507335

For attachment of catheters to Luer Tip Syringes.

CATALOG #	DESCRIPTION
507335	Large lumen

SUCTION TUBES

ANDREWS INFANT SUCTION TUBE

6 mm diameter tip, permanently attached.

CATALOG #	DESCRIPTION
162310	9-1/4" (23.5 cm)

ANDREWS PYNCHON SUCTION TUBE

CATALOG #	DESCRIPTION
536220	Curved, 6 mm tip, 3 mm diameter removable shaft, 9-5/8" (24.5 cm)

MORSE-ANDREWS SUCTION TUBE

Short length, small 3 mm outside diameter tube, terminating in 6 mm diameter tip which has one distal and four side openings. Handle is ebonized.

CATALOG #	DESCRIPTION
351505	10-1/4" (26 cm)

COOLEY SUMP SUCTION TUBE

Long, removable perforated outer tube with internal extension provides for fluid removal by sump-drain principle. Entire tube removable from handle for cleaning and rotatable for convenience.

CATALOG #	DESCRIPTION
351547	Curved, 9 mm tip, 12-7/8" (32.5 cm)

SUCTION TUBES

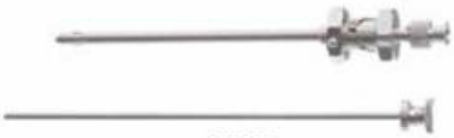
LUER-LOK CATHETER ADAPTER

507336

For attachment of catheters to Luer-Lok® Syringes.

CATALOG #	DESCRIPTION
507336	Small lumen, 1-1/2" (4 cm)

ABRAMS PLEURAL BIOPSY NEEDLE



343295

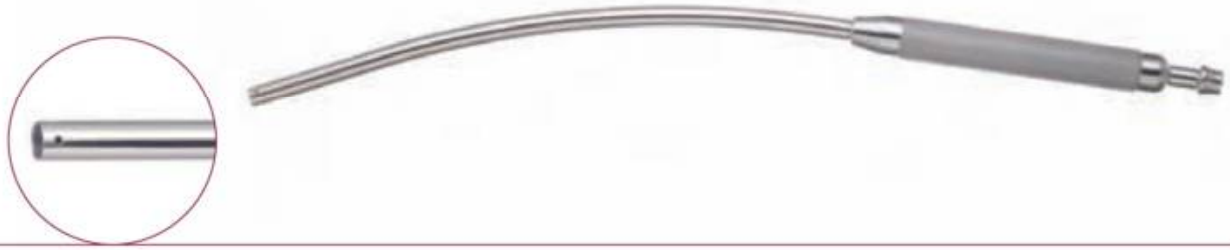
Inner cannula acts as a guillotine to cut and retain specimen. Luer-Lok® Syringe Fitting.

CATALOG #	DESCRIPTION
343295	Needle, with trocar point, 13 gauge needle, 5-3/8" (13.5 cm)

PRIME SURG

COOLEY Graft Suction Tube

310-103 13" (33cm), 8mm wide tip

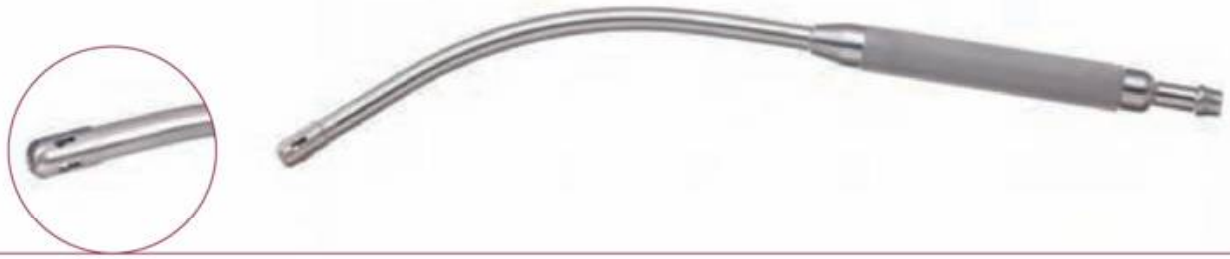


COOLEY Vascular Suction Tube

310-105 11 1/2" (29.2cm), 6mm wide tip

COOLEY Intracardiac Suction Tube

310-108 11 1/4" (28.6cm), detachable 9mm wide tip



COOLEY Sump-Suction Tubes, 13" (33cm), Entire Tube Removable From Handle, 7.5mm Wide Tip

310-110 30° angle
310-112 90° angle

FRAZIER Suction Tubes, 7" (17.8cm), Angled, Working Length 4 1/4" (10.8cm)

285-450	6 French
285-451	7 French
285-452	8 French
285-453	9 French
285-454	10 French
285-455	11 French
285-456	12 French
285-457	14 French
285-458	15 French

FRAZIER Suction Tubes, 7" (17.8cm), Straight, Working Length 5 1/4" (13.3cm)

285-460	6 French
285-461	7 French
285-462	8 French
285-463	9 French
285-464	10 French
285-465	11 French
285-466	12 French

FRAZIER Suction Tubes, 9" (22.9cm), Working Length 6 3/4" (17.1cm)

285-470	6 French
285-471	7 French
285-472	8 French
285-473	9 French
285-474	10 French
285-475	11 French
285-476	12 French

FRAZIER Suction Tubes, 7 1/2" (19.1cm), Angled, Working Length 6" (15.2cm)

285-477	7 French
285-478	9 French
285-479	11 French

BARON Suction Tubes, 6 1/2" (16.5cm), Angled, Working Length 4" (10.2cm)

285-480	3 French
285-482	5 French
285-484	7 French

ADSON Suction Tubes, 12 French

285-490	5" (12.7cm)
285-492	8" (20.3cm)

ANDREWS-PYNCHON Suction Tube, 9 3/8" (23.8cm)

170-115

YANKAUER Suction Tube

170-118	8 1/4" (21cm), pediatric
170-120	11 1/2" (29.2cm)

SETS

PRIME SURGICAL INTERNATIONAL

SPECIALTY SETS

Vascular Access Set

THE PILLING® VASCULAR ACCESS SET

353187

353190

165439

355277

CATALOG #	DESCRIPTION
353187	Gregory Mini-vascular Clamps, curved, extra-light, 4-1/8" (10.5 cm)
353190	Gregory Mini-vascular Clamps, angled 45 degrees, extra-light, 4-3/8" (11 cm)
165439	Two of the Short Model Gelpi, sharp prongs, 3-1/8" (8 cm) spread, 5-3/8" (13.5 cm)
355275	Hiebert Vascular Dilators, 0.5 mm x 1 mm
355276	Hiebert Vascular Dilators, 1.5 mm x 2 mm
355277	Hiebert Vascular Dilators, 2.5 mm x 3 mm
355278	Hiebert Vascular Dilators, 3.5 mm x 4 mm
152818	Castroviejo Needle Holder, straight, 11 x 1.4 mm jaw, 6" (15 cm), TC
354964	Castroviejo Needle Holder, straight, 13 x 1.4 mm jaw, 7-1/4" (18.5 cm), TC

152818

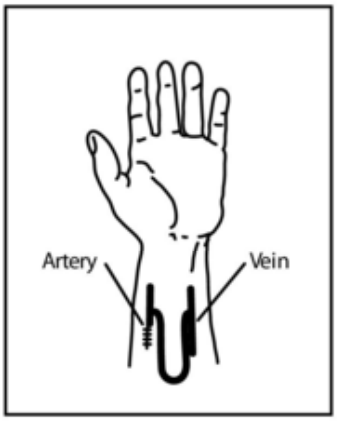
354964

SPECIALTY SETS

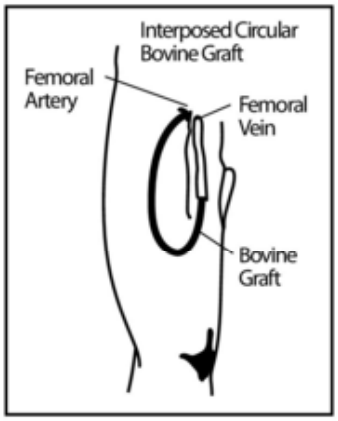
Vascular Access Set

Vascular Access Sets suited for:

Brescia AV. fistula side to side



AV. fistula with external shunt



AV. fistula with graft

All instruments are supplied in a stainless steel storage case for protection and easy instrument counts.

PRIME SU

SPECIALTY SETS

Vascular Access Set

THE PILLING® VASCULAR ACCESS SET

355600

Designed for all Angle Access procedures — not just AV. fistula — a logically planned set of instruments suited for:

- End-to-end, end-to-side, AV. fistula — any extremity
- Fistulas with graft
- External shunts

341010

COMPLETE SET:

355600 W.G.H. Pilling® Vascular Access Set complete with stainless steel storage case

341010 Stainless steel case for Pilling® Vascular Access Set

SPECIALTY SETS

Micro Vascular Set

PILLING® MICRO VASCULAR SET OF 11 INSTRUMENTS

357659

357660

357650

357661

429594

SPECIALTY SETS

Micro Vascular Set

PILLING® MICRO VASCULAR SET OF 11 INSTRUMENTS

357651

357652

357653

357654

357655

357656

CATALOG #	DESCRIPTION
357650	Tray and Set
429594	Tray only 8" (20.5 cm) x 12 1/2" (31.5 cm)
357651	Micro Scissors, straight, 12 mm blades, 7-3/8" (19 cm)
357652	Micro Scissors, curved, 12 mm blades, 7-1/4" (18.5 cm)
357653	You-Potts Scissors, angled 45 degrees, 12 mm blades, 7-3/8" (18.5 cm)
357654	Micro Needle Holder, straight, no lock, 1.15 mm jaw, 7-3/8" (18.5 cm)
357655	Micro Needle Holder, curved, no lock, 7-3/8" (18.5 cm)
357656	Micro Needle Holder, straight, lock, 1.2 mm jaw, 7-1/2" (19 cm)
357657	Micro Needle Holder, curved, no lock, 0.6 mm jaw, 7-3/8" (18.5 cm)
357658	Micro Tying Forceps, round handle 8 mm diameter, straight 0.5 mm wide tip with platform, 6" (15 cm)
357659	Micro Tying Forceps, round handle 8 mm diameter, curved 0.5 mm wide tip with platform, 6" (15 cm)
357660	Micro Tying Forceps, round handle 8 mm diameter, straight 0.5 cm wide tip with platform, 7-1/8" (18 cm)
357661	Micro Tying Forceps, round handle 8 mm diameter, curved 0.5 mm wide tip with platform, 7-1/8" (18 cm)

357657

357658

SPECIALTY SETS

Vascular Access Set

THE VASCULAR ACCESS SET (CONTINUED)

352145

353600

351830

351575

351827

CATALOG #	DESCRIPTION
352145	Potts-Type Scissors, angled 45 degrees, 9 mm blades, 4-1/8" (10.5 cm)
353600	DeBakey® Aortic Aneurysm Clamp, 3-3/4" (9.5 cm) jaw, 1 x 9 ratchets, 10-3/8" (26.5 cm)
353011	Three of the Johns Hopkins Bulldog® Clamps, curved jaws, 1-1/2" (4 cm)
351830	Gregory Suture "Stay" Clamps, straight, 3-7/8" (10 cm), TC
351575	DeBakey® Heparin Cannula, malleable, 3 mm tip, 2-1/2" (6.5 cm)
351825	Wheeler Pick-up Forceps, DeBakey®-type Jaw, 1.6 mm , 5-1/2" (14 cm)
351827	Wheeler Pick-up Forceps, DeBakey®-type Jaw, 1.6 mm, 7-1/8" (18 cm)

Zia ur Rahman
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