Thoracic Forceps, Pick-ups

C.W. MAYO TISSUE FORCEPS, MODIFIED
Russian type fenestrated tips are 6 mm wide and deeply serrated.

342910  9" (22.9 cm)

DAVIS TISSUE FORCEPS
Russian style jaws.

342915  10" (25.5 cm), 7 mm wide tip

WANGENSTEEN TISSUE FORCEPS
Lightweight shanks with rounded ends 5 mm wide.

342929  9 3/4" (25 cm), Tungsten Carbide

ROBERTS TISSUE FORCEPS
Medium-heavy construction. Tips flared slightly to 5 mm width, fenestrated.

342930  10" (25.5 cm)

SINGLEY TISSUE FORCEPS
Serrated ring end 7 mm wide. Medium-heavy construction.

342933  9" (22.9 cm)

TUTTLE THORACIC TISSUE FORCEPS
Light construction. Ring tips 6 mm wide.

342935  9" (22.9 cm)

NELSON TISSUE FORCEPS
6 x 7 sharp, fine teeth.

342950  9" (22.9 cm)

Vascular and Cardiac Forceps, Pick-ups

DEBAKEY THORACIC TISSUE FORCEPS, ATRAGRIP® SERRATIONS
The row of 1 by 2 style Atragrip® 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.

342980  Straight, 6" (15.3 cm)
342981  Straight, 7 3/4" (19.8 cm)
342982  Straight, 9 1/2" (24.2 cm)
342984  Straight, 12" (30.5 cm)
342986  Angled, 12" (30.5 cm)
Vascular and Cardiac Forceps, Pick-ups
(continued)

DEBAKEY ATRAUGRIP® VASCULAR TISSUE FORCEPS
The distal 2 cm of these forceps is a narrow Atraugrip® design tapering from a width of 2 mm down to 1.5 mm. The body of the instrument is constructed especially to prevent feathering and all pins and projections are omitted to eliminate the snagging of suture. Jaws are very well fitted for handling tiny vessels as well as the smallest suture material.

351800 Straight, 6” (15.3 cm)
351802 Straight, 7 3/4” (19.8 cm)
351804 Straight, 9 1/2” (24.2 cm)
351808 Straight, 12” (30.5 cm)
351810 Angled, 6” (15.3 cm)
351812 Angled, 7 3/4” (19.8 cm)
351814 Angled, 9 1/2” (24.2 cm)

Vascular and Cardiac Forceps, Pick-ups with Diama-Grip Jaws

DEBAKEY VASCULAR TISSUE FORCEPS
Diama-Grip jaws. See page 39 for information about our Diama-Grip jaws.

351802DG Straight, 7 3/4” (19.6 cm)
351804DG Straight, 9 1/2” (24.1 cm)

DEBAKEY-DIETHRICH VASCULAR TISSUE FORCEPS
Diama-Grip jaws. See page 39 for information about our Diama-Grip jaws.

351803DG Straight, 7 3/4” (19.6 cm)
351806DG Straight, 9 1/2” (24.1 cm)

Vascular and Cardiac Forceps, Pick-ups

VASCULAR DEBAKEY-TYPE TISSUE FORCEPS
Atraugrip® jaws with a bayonet shape. Angled handles for difficult access and increased visibility.

351843 7 1/2” (19 cm)
351844 9 1/2” (24.1 cm)
351845 7 1/2” (19 cm)
351846 9 1/2” (24.1 cm)
Vascular and Cardiac Forceps, Pick-ups

(continued)

DEBAKEY CARBIDE ATRAUGRIP® FORCEPS
Atraumatic Jaws at distal tip. Tungsten Carbide insert behind the Atraugrip® jaw for secure needle pulling action.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>351815</td>
<td>Regular forceps, 6” (15.2 cm)</td>
</tr>
<tr>
<td>351817</td>
<td>Regular forceps, 7 3/4” (19.8 cm)</td>
</tr>
<tr>
<td>351818</td>
<td>Thin forceps, 7 3/4” (19.8 cm)</td>
</tr>
<tr>
<td>351819</td>
<td>Regular forceps, 9 1/2” (24.1 cm)</td>
</tr>
<tr>
<td>351824</td>
<td>Thin forceps, 9 1/2” (24.1 cm)</td>
</tr>
</tbody>
</table>

DEBAKEY ULTRALIGHT ATRAUGRIP® 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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>351820</td>
<td>6” (15.3 cm), length, 1.5 mm tip</td>
</tr>
<tr>
<td>351821</td>
<td>7 3/4” (19.9 cm) length, 1.5 mm tip</td>
</tr>
</tbody>
</table>

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 Atraugrip® tip.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>351801</td>
<td>Straight, 6” (15.3 cm)</td>
</tr>
<tr>
<td>351803</td>
<td>Straight, 7 3/4” (19.8 cm)</td>
</tr>
<tr>
<td>351806</td>
<td>Straight, 9 1/2” (24.2 cm)</td>
</tr>
</tbody>
</table>

WHEELER PLAQUE AND VESSEL FORCEPS
Atraugrip® jaws. Very powerful grip at tips.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>351825</td>
<td>5 1/2” (14 cm)</td>
</tr>
<tr>
<td>351827</td>
<td>7 1/8” (18.1 cm)</td>
</tr>
<tr>
<td>351829</td>
<td>8 3/4” (22.3 cm)</td>
</tr>
<tr>
<td>351828</td>
<td>11 1/4” (28.6 cm)</td>
</tr>
</tbody>
</table>
Vascular and Cardiac Forceps, Pick-ups
(continued)

ADAM FORCEPS
A very delicate Tungsten Carbide jaw forceps for coronary surgery.

351835  8” (20.3 cm), 1 mm wide Tungsten Carbide jaw

SELMAN NON-SLIP TISSUE FORCEPS
Small diameter circular tips have meshing teeth for secure, non-damaging grip.

351840  6” (15 cm)
351841  8” (20.3 cm)
351842  10” (25.5 cm)

POTTS SMITH TISSUE FORCEPS
Fine serrated tips.

351850  7 1/4” (18.4 cm)
351852  8 1/4” (21 cm)
351854  9 1/2” (24.1 cm)
351856  10 1/4” (26 cm)
351858  12” (30.5 cm)

POTTS SMITH TISSUE FORCEPS
Narrow Tungsten Carbide jaws.

351862  7” (18 cm)
351863  8” (20.3 cm)
351864  9 1/2” (24.1 cm)
351865  10 1/4” (26 cm)

POTTS SMITH TISSUE FORCEPS
Fine 1 x 2 distal teeth.

351870  7” (18 cm)
351872  8 1/4” (21 cm)
351874  9 1/2” (30.5 cm)
351876  10 1/4” (26 cm)
351878  12” (30.5 cm)

CUSHING TISSUE FORCEPS
Tungsten Carbide.

351860  Straight, 7” (18 cm)
351861  Bayonet shape, 7 1/2” (19.1 cm)

GERBODE CARDIOVASCULAR TISSUE FORCEPS
Tips have longitudinal as well as cross serrations to provide secure but gentle grip.

351892  8” (20.3 cm)
Vascular and Cardiac Forceps, Pick-ups  
(continued)

CRAFOORD TISSUE FORCEPS  
Serrated tips are built up to provide an unusually secure grip.

- 351898  8” (20.5 cm)  
- 351896  9 3/4” (24.7 cm)

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

- 351900  Serrated tips, 7” (17.8 cm)  
- 351902  Serrated tips, 9 1/4” (23.5 cm)  
- 351905  1 x 2 teeth on tips, 7” (17.8 cm)  
- 351907  1 x 2 teeth on tips, 9 1/4” (23.5 cm)

Vascular and Cardiac Forceps, Pick-ups with Diama-Grip Jaws

GERALD VASCULAR TISSUE FORCEPS  
Diama-Grip jaws. See page 39 for information about our Diama-Grip jaws.

- 351901DG  Straight, 7” (17.7 cm)  
- 351909DG  Straight, 9 1/2” (24.1 cm)

Vascular and Cardiac Forceps, Pick-ups

GERALD DRESSING FORCEPS  
Tungsten Carbide inserts, straight tip 1.0 mm.

- 466225  7” (17.7 cm)

GERALD TISSUE FORCEPS  
Delicate tapered jaws with Atraugrip® Atraumatic teeth.

- 351901  7” (17.8 cm)  
- 351903  7 1/8” (18 cm)  
- 351904  8” (20.3 cm)  
- 351908  8” (20.3 cm)  
- 351909  9 1/2” (24.1 cm)  
- 351910  6 7/8” (17.5 cm), angled tip
Vascular and Cardiac Forceps, Pick-ups

(continued)

BABCOCK TISSUE FORCEPS
An elongated model of a delicate eye fixation forceps. Tiny multiple meshing teeth.

351930 6 1/4” (15.7 cm)

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

356000 6 1/4” (15.9 cm)
356002 8” (20.5 cm)
356003 9 1/2” (24.5 cm)

CARDIAC VALVE FORCEPS

351748 9 1/2” (24.1 cm)

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 (eg. 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 and 0.5 mm pertains to the size of the hole in the tip.

357645 Saphenous/aorta, 1.5 mm ring tip forceps, 7” (17.8 cm)
357646 Saphenous/aorta, 1.5 mm ring tip forceps, 8” (20.3 cm)

(additional patterns continued on next page)
Vascular and Cardiac Forceps, Pick-ups

MICRO RING TIP FORCEPS (continued)
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 and 0.5 mm pertains to the size of the hole in the tip.

357647 Mammary/coronary, 0.5 mm ring tip forceps, 7” (17.8 cm)
357648 Mammary/coronary, 0.5 mm ring tip forceps, 8” (20.3 cm)

Vascular and Cardiac Forceps, Pick-ups with Diama-Grip Jaws

MICRO TYING FORCEPS
Diama-Grip jaws. See page 39 for information about our Diama-Grip jaws.

357658DG Straight, 6 1/2” (16.5 cm), .5 mm tip
357659DG Curved, 6 1/2” (16.5 cm), .5 mm tip
357660DG Straight, 7 1/8” (18 cm), .5 mm tip
357661DG Curved, 7 1/8” (18 cm), .5 mm tip

MICRO FORCEPS WITH RING TIP
Diama-Grip jaws. See page 39 for information about our Diama-Grip jaws.

357645DG Large ring tip 1.5 mm, 7” (17.7 cm)
357646DG Large ring tip 1.5 mm, 8” (20.3 cm)
357647DG Small ring tip .5 mm, 7” (17.7 cm)
357648DG Small ring tip .5 mm, 8” (20.3 cm)

Vascular and Cardiac Forceps, Pick-ups

MICRO TYING FORCEPS

357658 Round handle 8 mm diameter, straight 0.5 mm wide tip with platform, 6 1/2” (16.5 cm)

(additional patterns continued on next page)
Vascular and Cardiac Forceps, Pick-ups

MICRO TYING FORCEPS (continued)

- **357659** Round handle 8 mm diameter, curved 0.5 mm wide tip with platform, 6 1/2" (16.5 cm)
- **357660** Round handle 8 mm diameter, straight 0.5 cm wide tip with platform, 7 1/8" (18 cm)
- **357661** Round handle 8 mm diameter, curved 0.5 mm wide tip with platform, 7 1/8" (18 cm)
- **357680** Micro Forceps, straight, 7" (17.8 cm)
- **357681** Micro Forceps, straight, 8" (20.3 cm)
- **357682** Micro Forceps, curved, 7" (17.8 cm)
FORCEPS, PICK-UPS

Vascular and Cardiac Forceps, Pick-ups

(continued)

TERZIS MICRO FORCEPS
54980  6 3/4” (17.1 mm), with teeth

RUSSIAN TISSUE FORCEPS
181360  6” (15.5 cm)
181365  8” (20.5 cm)
181370  10” (25.5 cm)

BROWN TISSUE FORCEPS
Small 9 x 9 sets of teeth run longitudinally along narrow jaws.
181255  6” (15.3 cm)
342965  8” (20.4 cm)
342967  9 1/2” (24.1 cm)

LUCAE BAYONET DRESSING FORCEPS
Serrated tip 2 mm.
31100  6 1/2” (16.5 cm)

EVANS PELVIC TISSUE FORCEPS
Tungsten Carbide.
152630  9 3/4” (24.3 cm), 1/4” (1.6 cm) tip

ADAM FORCEPS
1 mm Tungsten Carbide.
351835  8” (20.3 cm)

CUSHING TISSUE FORCEPS
Serrated handles, scraper end.
181410  7” (18 cm), straight, serrated tips
Vascular and Cardiac Forceps, Pick-ups (continued)

ADSON TISSUE FORCEPS
Weck-Pattern, bright finish.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>57210</td>
<td>Standard, 4 3/4” (11.8 cm), 1 x 2 teeth, tip 1.5 mm</td>
</tr>
<tr>
<td>57212</td>
<td>Delicate, 5” (12.7 cm), 1 x 2 teeth, tip 1.0 mm</td>
</tr>
</tbody>
</table>

ADSON TISSUE FORCEPS
Weck-Pattern, bright finish.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>57207</td>
<td>5” (12.7 cm), 1 x 2 teeth, tip 2.5 mm</td>
</tr>
<tr>
<td>57230</td>
<td>5” (12.7 cm), 2 x 3 teeth, tip 2.5 mm</td>
</tr>
</tbody>
</table>

ADSON TISSUE FORCEPS
Delicate tip with serrations 1 mm.
Weck-Pattern, bright finish.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>57214</td>
<td>5” (12.7 cm), 1 x 2 teeth</td>
</tr>
</tbody>
</table>
Vascular and Cardiac Forceps, Pick-ups (continued)

BROWN-ADSON TISSUE FORCEPS

57250  5 1/4" (13.3 cm), 7 x 7 teeth, tip 2 mm

CALLISON-ADSON TISSUE FORCEPS

57220  4 3/4" (12 cm), 1 x 2 teeth with tying platform 2 mm

HUDSON TISSUE FORCEPS

57215  5" (12.7 cm), 1 x 2 teeth, heavy tip 2 mm

ADSON TISSUE FORCEPS

Delicate tips designed for careful handling of tissue. Handles are broad for comfortable, secure grasp. Pilling- Pattern, satin finish.

181220  Serrated tip, 4 3/4" (12.1 cm)
181223  4 3/4" (12.1 cm), 1 x 2 teeth
181225  5" (12.7 cm), 2 x 3 teeth

(additional patterns continued on next page)
FORCEPS, PICK-UPS

Vascular and Cardiac Forceps, Pick-ups
(continued)

ADSON TISSUE FORCEPS (continued)
Delicate tips designed for careful handling of tissue. Handles are broad for comfortable, secure grasp. Pilling-Pattern, satin finish.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length (cm)</th>
<th>Teeth</th>
</tr>
</thead>
<tbody>
<tr>
<td>181228</td>
<td>4 3/4&quot; (12.1 cm), serrated, 1 x 2 teeth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>181235</td>
<td>4 3/4&quot; (12.1 cm) Brown, 9 x 9 teeth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>181237</td>
<td>5&quot; (12.7 cm) Ewald, serrated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>181240</td>
<td>4 3/4&quot; (12 cm) Ewald, 1 x 2 teeth</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Micro Forceps, Pick-ups

LONGWAY DOWNING BONN FORCEPS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length (cm)</th>
<th>Teeth</th>
<th>Width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>54950</td>
<td>4 1/4&quot; (10.7 cm), 1 x 2 teeth 0.12 mm</td>
<td></td>
<td></td>
<td>0.12</td>
</tr>
</tbody>
</table>

LONGWAY #5 JEWELERS FORCEPS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>54955</td>
<td>4 1/4&quot; (10.7 cm)</td>
<td></td>
</tr>
</tbody>
</table>

LONGWAY #5 JEWELERS STURDY FORCEPS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>54957</td>
<td>5 1/2&quot; (13.9 cm)</td>
<td></td>
</tr>
</tbody>
</table>

LONGWAY DOWNING-PIERSE FORCEPS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length (cm)</th>
<th>Teeth</th>
<th>Width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>54965</td>
<td>4 1/4&quot; (10.7 cm), 0.3 mm teeth</td>
<td></td>
<td></td>
<td>0.3</td>
</tr>
</tbody>
</table>
Micro Forceps, Pick-ups (continued)

LONGWAY DOWNING HARMS TYING FORCEPS

54970  4 1/4" (10.7 cm), with tying platform

TERZIS MICRO FORCEPS

54975  5 1/2" (13.9 cm), pointed jaw
54976  5 1/2" (13.9 cm), pierse jaw
54977  5 1/2" (13.9 cm), blunt, angled jaw
54979  7" (17.8 cm), 8 mm teeth, long pierse jaw

TENNANT TYING FORCEPS

55506  5 3/4" (14.7 cm), straight

AUSTIN SUTURE FORCEPS

357641  0.5 mm tips, 7 1/16" (18 cm)
Micro Forceps, Pick-ups (continued)

TEW TYING FORCEPS
Straight jaw with longitudinal serrations.

- 394430 7 1/4” (18.4 cm), 0.5 mm tip
- 394431 7 1/4” (18.4 cm), 1.0 mm tip
- 394432 7 1/4” (18.4 cm), 1.5 mm tip

NEUROFEEL THUMB FORCEPS

- 395120 8 1/2” (21.5 cm), sharp
- 395122 8 1/2” (21.5 cm), blunt

MICRO FORCEPS

- 357501 7 3/8” (18.7 cm), straight
- 357559 Cupped jaw, angled
- 357560 Cupped jaw, straight

Handle for 357559 and 357560
Titanium Forceps, Pick-ups

DEBAKEY TITANIUM TISSUE FORCEPS

- **359021**: Straight with flat handle, 2 mm jaw width, 6" (15 cm)
- **359022**: Straight with flat handle, 2 mm jaw width, 7 3/4" (19.5 cm)
- **359023**: Straight with flat handle, 2 mm jaw width, 9 1/2" (24 cm)
- **359024**: Straight with flat handle, 1.5 mm jaw width, 6" (15 cm)
- **359025**: Straight with flat handle, 1.5 mm jaw width, 7 3/4" (19.5 cm)
- **359026**: Straight with flat handle, 1.5 mm jaw width, 9 1/2" (24 cm)
- **359027**: Straight with flat handle, 3 mm jaw width, 6" (15 cm)
- **359028**: Straight with flat handle, 3 mm jaw width, 7 3/4" (19.5 cm)
- **359029**: Straight with flat handle, 3 mm jaw width, 9 1/2" (24 cm)
- **359030**: Angular with flat handle, 6" (15 cm)
- **359031**: Angular with flat handle, 7 3/4" (19.5 cm)
- **359032**: Angular with flat handle, 9 1/2" (24 cm)

DIAMA-GRIP “DUSTED” SURFACE

- **359033**
- **359034**
- **359035**
- **359036**
- **359037**
- **359038**

MICRO TYING TITANIUM TISSUE FORCEPS
Diama-Grip on tip. See page 39 for information about our Diama-Grip jaws.

- **359033**: Straight with round handle, 3 3/4" (12 cm)
- **359034**: Curved with round handle, 3 3/4" (12 cm)
- **359035**: Straight with round handle, 6" (15 cm)
- **359036**: Curved with round handle, 6" (15 cm)
- **359037**: Straight with round handle, 7 1/8" (18 cm)
- **359038**: Curved with round handle, 7 1/8" (18 cm)
Titanium Forceps, Pick-ups (continued)

MICRO TYING TITANIUM TISSUE FORCEPS
Diama-Grip ring tip. See page 39 for information about our Diama-Grip jaws.

359039  Straight with round handle, I.D. 1.3 mm, O.D. 1.9 mm, 6” (15 cm)
359040  Straight with round handle, I.D. 1.3 mm, O.D. 1.9 mm, 7 1/8” (18 cm)
359041  Straight with round handle, I.D. .4 mm, O.D. 1 mm, 6” (15 cm)
359042  Straight with round handle, I.D. .4 mm, O.D. 1 mm, 7 1/8” (18 cm)
359283  Straight with round handle, I.D. 1 mm, O.D. 2 mm, 8 3/4” (22 cm)
359284  Straight with round handle, I.D. .4 mm, O.D. 1 mm, 8 3/4” (22 cm)

ADSON TITANIUM TISSUE FORCEPS

359043  Flat handle, serrated tip, 4 3/4” (12 cm)
359062  Flat handle, 1 x 2 teeth, 4 3/4” (12 cm)
359262  Flat handle, 1 x 2 teeth, 4 3/4” (12 cm)
359361  Flat handle, serrated tip, 4 3/4” (12 cm)

ADSON-BROWN TITANIUM TISSUE FORCEPS

359359  Flat handle, multiple teeth, 4 3/4” (12 cm)
Titanium Forceps, Pick-ups (continued)

GERALD TITANIUM TISSUE FORCEPS

- 359048 Flat handle, serrated tip, 7” (17.5 cm)
- 359049 Flat handle, 1 x 2 teeth, 7” (17.5 cm)

MCINDOE TITANIUM TISSUE FORCEPS

- 359050 Flat handle, serrated tip, 6” (15 cm)

GILLIES TITANIUM TISSUE FORCEPS

- 359051 Flat handle, 1 x 2 teeth, 6” (15 cm)

CUSHING TITANIUM TISSUE FORCEPS

- 359052 Flat handle, Tungsten Carbide serrated tip, 7 1/8” (18 cm)
- 359360 Flat handle, serrated tip, 8” (20 cm)

BARRAYA TITANIUM TISSUE FORCEPS

- 359053 Flat handle, 2 x 3 teeth, 8” (20 cm)

GUILMET TITANIUM TISSUE FORCEPS

- 359054 Flat handle, serrated tip, 8” (20 cm)
THORACIC FORCEPS

Right Angle Clamps

RUMEL THORACIC FORCEPS
They are furnished with Atraugrip® or standard, serrated jaws. In addition to being one of the more popular thoracic artery forceps, they are especially suited for passing tapes around the cava or pulmonary artery in open heart surgery.

Atraugrip® Life-Lok®
- 342501 Rumel, 9 5/8” (24.4 cm)
- 342502 Rumel, 9 1/2” (24.1 cm)
- 342503 Rumel, 9 1/2” (24.1 cm)
- 342504 Rumel, 9 5/8” (24.4 cm)

Standard, serrated jaw, 9 1/2” (24.1 cm)
- 342511 Rumel
- 342512 Rumel
- 342513 Rumel
- 342514 Rumel

Child size, standard serrated, 7 11/16” (19.5 cm)
- 342533 Rumel
- 342534 Rumel

Atraugrip® and Life-Lok® are registered trademarks of Pilling TFX Surgical Specialties.

HEISS THORACIC FORCEPS
- 342520 Straight, 8 1/4” (20.9 cm)
- 342521 Slight curve, 8” (20.3 cm)
- 342522 Acute curve, 8 1/4” (20.9 cm)
Right Angle Clamps (continued)

KANTROWITZ FORCEPS
True right angle forceps with cross serrated jaws. Useful for grasping and dissecting in thoracic, vascular and general surgery.

- 342557 7 1/2" (19.2 cm)
- 342558 9 1/2" (24.3 cm)
- 342559 10 1/2" (27 cm)

DEBAKEY THORACIC DISSECTING FORCEPS
Atraugrip® jaws. The jaws are narrowed and thinned to a minimum size and double-curved. This provides a lightweight, sure-holding forceps for dissecting and passing tapes and ligatures around vessels.

- 342560 “C” curve, 7 1/2" (19.2 cm)
- 342561 “D” curve, 8 1/4" (20.9 cm)
- 342562 “C” curve, 9 3/8" (23.8 cm)
- 342563 “D” curve, 9 1/2" (24.1 cm)
- 342565 “D” curve, 10 1/8" (25.7 cm)

DEBAKEY RIGHT ANGLE FORCEPS
With full length longitudinal serrations and cross serration at tip.

- 342566 7 1/2" (19 cm)
- 342567 8 3/4" (22.5 cm)
- 342568 10" (25.6 cm)
- 342569 11" (28.2 cm)

SAROT INTRA-THORACIC ARTERY FORCEPS
Slender, slightly curved forceps with serrated jaws. Specially designed for pulmonary resections, cardiovascular and esophageal surgery.

- 342571 Medium, 7 3/4" (19.7 cm)
- 342572 Large, 9" (22.9 cm)
THORACIC FORCEPS

Right Angle Clamps (continued)

ROOS SCALENECTOMY FORCEPS
Designed to give a secure hold on the scalene muscle during scalenectomy.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>342575</td>
<td>11” (28 cm) right angle clamp with longitudinal serrations.</td>
<td></td>
</tr>
</tbody>
</table>

WILLAUER INTRA-THORACIC FORCEPS
Lightweight full curved, longitudinally serrated jaws.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>342580</td>
<td>9 1/2” (24.1 cm) length</td>
<td></td>
</tr>
</tbody>
</table>

GEMINI THORACIC FORCEPS
A lighter modification of the Mixter forceps. Slender, acutely curved jaws with full cross serrations.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>342596</td>
<td>7 1/4” (18.4 cm)</td>
<td></td>
</tr>
<tr>
<td>342597</td>
<td>9 1/8” (23.1 cm)</td>
<td></td>
</tr>
<tr>
<td>342598</td>
<td>11 1/8” (28.2 cm)</td>
<td></td>
</tr>
</tbody>
</table>

MIXTER THORACIC FORCEPS
Regular model. Available with Atraugrip® or standard serrated jaws, 3/4” (2 cm) long.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>342600</td>
<td>9 1/4” (23.6 cm), with Atraugrip® jaws</td>
<td></td>
</tr>
<tr>
<td>342601</td>
<td>8 1/2” (21.6 cm), with standard serrated jaws</td>
<td></td>
</tr>
<tr>
<td>342603</td>
<td>9 1/4” (23.5 cm), with standard serrated jaws</td>
<td></td>
</tr>
</tbody>
</table>

MIXTER THORACIC FORCEPS
Long model. Very useful for deep dissection and as a bronchus clamp.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>342606</td>
<td>10 1/2” (26.7 cm), with 1 1/4” (3 cm) serrated jaws</td>
<td></td>
</tr>
<tr>
<td>342605</td>
<td>11” (28.5 cm), with 1 1/4” (3 cm) Atraugrip® jaws</td>
<td></td>
</tr>
</tbody>
</table>
**THORACIC FORCEPS**

**Right Angle Clamps (continued)**

**MACQUIGG-MIXTER FORCEPS**
An excellent general purpose forceps and bronchus clamp. Longitudinally serrated jaws, right-angle tip.

342611 8 3/8" (21.3 cm), 1" (2.5 cm) jaws

**FINOCHIETTO THORACIC FORCEPS**
A utility clamp for use as ligature carrier, hemostat or dissector. Particularly good in ligation during esophageal surgery. Blades have longitudinal serrations and holes for threading ligature.

342615 9 1/2" (24 cm)

**RIENHOFF SWAN-NECK CLAMP**
A double-curved forceps with delicately rounded tips.

342625 10 3/4" (27.3 cm)

**HARRINGTON CLAMPS**
Right angle jaw. Dull, non-glare finish stainless steel.

342632 Heavy construction,
12 1/4" (31.1 cm), 1 1/4" (3 cm) jaw

342633 Light construction,
12 3/16" (32.3 cm), 1 1/4" (3 cm) jaw
Right Angle Clamps (continued)

DIETHRICH RIGHT ANGLE CLAMP
- 355800 7" (18 cm) overall, serrated jaw, 8 mm long past angle
- 355798 5 5/8" (14.3 cm)
- 355799 4 5/8" (11.7 cm)
- 355801 7" (18 cm), longitudinal serrations

STOREY HEMOSTATIC FORCEPS
33 mm jaw with cross serrations.
- 496215 8 3/4" (22.3 cm), slight curve
- 496216 8 5/8" (22 cm), strong curve
- 496217 8 3/8" (21.2 cm), right angle
THORACIC FORCEPS

Right Angle Clamps (continued)

LAHEY HEMOSTATIC FORCEPS
7 3/4" (19.6 cm).
44 mm jaw, 4 mm tip.

- 496110 Horizontal serrations
- 496111 Longitudinal serrations

MIXTER FORCEPS
2/3 serrations.

- 477091 7 3/4" (19.6 cm) 32 mm jaw, 2.0 mm tip
- 477092 9 1/4" (23.5 cm) 40 mm jaw, 2.5 mm tip
- 477093 11 1/4" (28.5 cm) 85 mm jaw, 4.0 mm tip

MIXTER FORCEPS
Full serrations, 3.5 mm tip, 40 degree angled jaw.

- 477106 6 1/4" (15.8 cm), 44 mm jaw
- 477108 7 3/4" (19.6 cm), 48 mm jaw

PEDIATRIC MIXTER FORCEPS
16 mm jaw, 2 mm tip.

- 477090 5 1/4" (13.3 cm)

MEEKER HEMOSTATIC FORCEPS
30 mm serrated jaw, 2 mm tip, 90 degree-angled jaw.

- 540150 7" (17.7 cm)
- 504190 10 3/4" (27.3 cm)
THORACIC FORCEPS

Right Angle Clamps (continued)

EFFLER-GROVES INSTRUMENTS
Effler-Groves Forceps for dissection. Lightweight.

355805  11" (28 cm), curved jaw

LAHEY DISSECTING FORCEPS
Longitudinal serrations, 2.5 mm tip.

496105  7 1/2" (19 mm), 22 mm jaw
496106  9" (22.8 mm), 32 mm jaw

WESTPHAL FORCEPS
Longitudinal serrations, narrow tip. 80 degree angled jaw.

496112  8" (20.3 cm)

THORACIC CLAMPS

Hemostatic Clamps

SAWTELL HEMOSTATIC FORCEPS
Full curved, heavy tips.

342583  Cross serrations, 7 1/4" (18.4 cm)

PILLING THORACIC ARTERY FORCEPS
Slim, slightly curved 1 3/4" (4.4 cm) jaws have very light criss-cross serrations making this an excellent instrument for handling suture material as well as delicate tissue.

342585  9 1/4" (23.7 cm)
Hemostatic Clamps (continued)

BENGOLEA ARTERY FORCEPS
Lightweight, with narrow criss-cross serrated jaws.

342587  8 1/2” (21.6 cm), 1 3/4” (4.4 cm) jaw, slightly curved

VANDERBILT VESSEL FORCEPS
This hemostatic type forcep is particularly useful in cardiovascular and thoracic surgery but has been used extensively in general surgery as well. The elongated handles afford access to a number of surgical sites. Jaws are of a standard cross-serration design.

342590  8 1/2” (21.5 cm)

LEJEUNE THORACIC FORCEPS
Long, lightweight construction with cross-serrated jaws. Very fine tips.

342594  9 1/2” (24.1 cm), curved jaws

Dissection Clamps

SEMB DISSECTING FORCEPS
For dissecting and breaking adhesions.

342710  10 1/4” (26 cm), slight curve
Titanium Thoracic Clamps

HARTMANN TITANIUM HEMOSTATIC FORCEPS
- 359285 Straight, serrated jaws, 3 1/2" (10 cm)
- 359286 Curved, serrated jaws, 3 1/2" (10 cm)

BENGOLEA TITANIUM HEMOSTATIC FORCEPS
- 359287 Straight, cross serrated jaws, 7 1/8" (18 cm)
- 359288 Straight, cross serrated jaws, 9 1/8" (23 cm)
- 359289 Curved, cross serrated jaws, 7 1/8" (18 cm)
- 359290 Curved, cross serrated jaws, 9 1/8" (23 cm)

HALSTEAD TITANIUM HEMOSTATIC FORCEPS
- 359295 Straight, serrated jaws, 4 3/4" (12.5 cm)
- 359296 Curved, serrated jaws, 4 3/4" (12.5 cm)
- 359297 Straight, 1 x 2 teeth, 4 3/4" (12.5 cm)
- 359298 Curved, 1 x 2 teeth, 4 3/4" (12.5 cm)
- 359299 Delicate curved, serrated jaw, 4 3/4" (12.5 cm)
- 359300 Delicate curved, 1 x 2 teeth, 4 3/4" (12.5 cm)

LERICHE TITANIUM HEMOSTATIC FORCEPS
- 359301 Straight, serrated jaw, 6" (15 cm)
- 359302 Curved, serrated jaw, 6" (15 cm)
- 359303 Straight, 1 x 2 teeth, 6" (15 cm)
- 359304 Curved, 1 x 2 teeth, 6" (15 cm)
Titanium Thoracic Clamps (continued)

CRILE TITANIUM HEMOSTATIC FORCEPS

- 359305 Straight, serrated jaw, 5 1/2" (14 cm)
- 359306 Straight, serrated jaw, 6 1/4" (16 cm)
- 359307 Curved, serrated jaw, 5 1/2" (14 cm)
- 359308 Curved, serrated jaw, 6 1/4" (16 cm)
- 359309 Straight, 1 x 2 teeth, 5 1/2" (14 cm)
- 359310 Straight, 1 x 2 teeth, 6 1/4" (16 cm)
- 359311 Curved, 1 x 2 teeth, 5 1/2" (14 cm)
- 359312 Curved, 1 x 2 teeth, 6 1/4" (16 cm)

O’SHAUGHNESSY TITANIUM CLAMPING FORCEPS

- 359313 Strong curve, serrated jaw, 8 1/2" (21.5 cm)
- 359315 Strong curve, serrated jaw, 7 1/4" (18 cm)
- 359317 Strong curve, serrated jaw, 8" (20 cm)
- 359319 Strong curve, serrated jaw, 8 3/4" (22 cm)
- 359321 Strong curve, serrated jaw, 8 3/4" (22 cm)
- 359323 Strong curve, serrated jaw, 11" (28 cm)
Titanium Thoracic Clamps (continued)

HEISS TITANIUM CLAMPING FORCEPS

359314 Half curve, serrated jaw, 8 1/4" (21 cm)

CRAFOORD TITANIUM CLAMPING FORCEPS

359325 Curved, serrated jaws, 9 1/2" (24 cm)

DOYEN TITANIUM CLAMPING FORCEPS

359326 Straight, longitudinal serrated jaw, 9 1/2" (24 cm)
359327 Curved, longitudinal serrated jaw, 9 1/2" (24 cm)
FAVALORO-SEMB LIGATURE CARRIERS
Jaws are constructed so that only the distal Atraugrip® surfaces approximate. The smooth portion of the jaws remains open to prevent inadvertent clamping of the aortic wall.

- **353645** Half-curved jaws, 11 5/16’’ (28.7 cm) length
- **353646** Full-curved jaws, 11 1/8’’ (28.2 cm) length

SEMB LIGATURE FORCEPS
Acute curve. Tips perforated for use as a ligature carrier.

- **342711** Length 9 3/4’’ (24.8 cm)

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 Atraugrip® teeth.

- **353647** 11 1/2’’ (29.2 cm) overall length, Atraugrip® jaws at the distal 15 mm of the jaw

DEBAKEY MODIFIED SEMB LIGATURE CARRIER
The distal 1.5 are of Atraugrip® design to securely hold a ligature of umbilical tape for passage around the aorta. Jaws curve on 2.5 cm radius.

- **353640** 10 1/4’’ (25.6 cm) length