

# NEW AND FEATURED ITEMS: CARDIOVASCULAR SURGERY



AFFORDABLE INNOVATIONS

In the past few years RUMEX has been gradually, but actively developing the manufacturing capabilities for the production of various, advanced reusable Titanium and Stainless Steel surgical instruments for Cardiovascular and Thoracic Surgery.

Now, we are happy to present a new comprehensive line of specialized, precision manufactured instruments, including:

- Double-Action instruments, for both traditional Open Heart surgery and Minimaly-Invasive Cardiac Surgery, including new scissors
- Toledo Precision manufactured instruments with a specially manufactured Toledo handle that greatly improve the ease of use and comfort of hand manipulations during a surgical procedure
- Titanium Vats-MICS Instruments
- I.M.A. Instruments

# NEW AND FEATURED ITEMS: CARDIOVASCULAR SURGERY

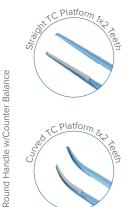
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YASARGIL LINE	18
MISCELLANEOUS	20

#### I.M.A. LINE

#### I.M.A.

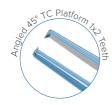




0.50 mm tips, Micro 0.25 mm 1x2 teeth, w/TC Coated tying platform - 6" (15 cm) 4-1183T 0.50 mm tips, Micro 0.25 mm 1x2 teeth, w/TC Coated tying platform - 7.25" (18.5 cm) 4-1184T 0.50 mm tips, Micro 0.25 mm 1x2 teeth - 8.25" (21 cm) 4-1185T 0.35 mm tips, Micro 0.07 mm 1x2 teeth - 10" (18.5 cm) 4-1186T

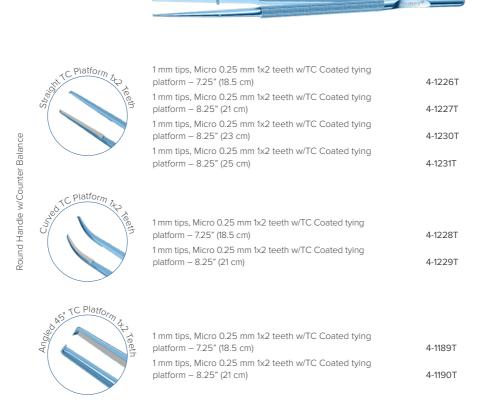


0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform - 7.25" (18.5 cm) 4-1187T 0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform - 8.25" (21 cm) 4-1188T

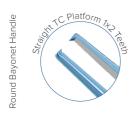


0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform - 7.25" (18.5 cm) 4-1224T 0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform - 8.25" (21 cm) 4-1225T

#### I.M.A.



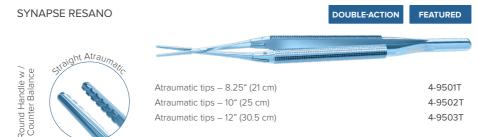
#### I.M.A. BAYONET



0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC Coated tying platform — 8.25" (21 cm)

4-1194T

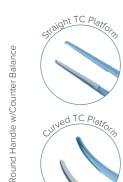
#### **SYNAPSE LINE**



#### SYNAPSE MICRO SUTURE PLATFORM

DOUBLE-ACTION

**FEATURED** 

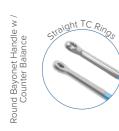


0.50 mm tips w/TC Coated tying platform - 7.25" (18.5 cm) 4-8501T 0.50 mm tips w/TC Coated tying platform - 8.25" (21 cm) 4-8502T 0.50 mm tips w/TC Coated tying platform - 10" (25 cm) 4-8503T 0.50 mm tips w/TC Coated tying platform - 12" (30.5 cm) 4-8504T 0.40 mm tips w/TC Coated tying platform - 7.25" (18.5 cm) 4-8505T 0.40 mm tips w/TC Coated tying platform - 8.25" (21 cm) 4-8506T 0.40 mm tips w/TC Coated tying platform - 10" (25 cm) 4-8507T 0.40 mm tips w/TC Coated tying platform - 12" (30.5 cm) 4-8508T 0.50 mm tips w/TC Coated tying platform - 7.25" (18.5 cm) 4-8509T 0.50 mm tips w/TC Coated tying platform - 8.25" (21 cm) 4-8510T 0.50 mm tips w/TC Coated tying platform – 10" (25 cm) 4-8511T 0.50 mm tips w/TC Coated tying platform - 12" (30.5 cm) 4-8512T

#### SYNAPSE BAYONET RING TIPS

DOUBLE-ACTION

**FEATURED** 



A mex

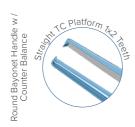
1 mm TC coated rings - 8.25" (21 cm) 1.80 mm TC coated rings - 8.25" (21 cm)

4-1191T

4-1192T

#### SYNAPSE BAYONET I.M.A.

FEATURED





0.50 mm tips, Micro 0.25 mm 1x2 teeth w/TC-Coated tying platform, Double-action – 8.25" (21 cm)

4-1193T

#### SYNAPSE RING TIP

DOUBLE-ACTION

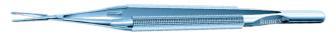
FEATURED



Round Handle w/Counter Balance



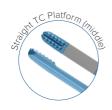
1 mm tips, TC Coated rings – 7.25" (18.5 cm)	4-8531T
1 mm tips, TC Coated rings — 8.25" (21 cm)	4-8532T
1 mm tips, TC Coated rings – 10" (25 cm)	4-8534T
1 mm tips, TC Coated rings – 12" (30.5 cm)	4-8535T
1.80 mm tips, TC Coated rings — 7.25" (18.5 cm)	4-8536T
1.80 mm tips, TC Coated rings — 8.25" (21 cm)	4-8537T
1.80 mm tips, TC Coated rings – 10" (25 cm)	4-8538T
1.80 mm tips, TC Coated rings – 12" (30.5 cm)	4-8539T
2.50 mm tips, TC Coated rings – 7.25 (18.5 cm)	4-8540T
2.50 mm tips, TC Coated rings – 8.25 (21 cm)	4-8541T



1 mm tips - 7.25" (18.5 cm)	4-8550T
1 mm tips - 8.25" (21 cm)	4-8551T
1 mm tips – 10" (25 cm)	4-8552T
1 mm tips - 12" (30.5 cm)	4-8553T
1.50 mm tips – 7.25" (18.5 cm)	4-8554T
1.50 mm tips – 8.25" (21 cm)	4-8555T
1.50 mm tips – 10" (25 cm)	4-8556T
2.50 mm tips - 7.25" (18.5 cm)	4-8557T
2.50 mm tips - 8.25" (21 cm)	4-8558T
2.50 mm tips - 10" (25 cm)	4-8559T
2.50 mm tips – 12" (30.5 cm)	4-8560T
2.50 mm tips - 16" (40.5 cm)	4-8561T



1 mm tips w/TC Coated tying platform – 7.25" (18.5 cm)
4-8562T
1 mm tips w/TC Coated tying platform – 8.25" (21 cm)
4-8563T
1 mm tips w/TC Coated tying platform – 10" (25 cm)
4-8564T
1 mm tips w/TC Coated tying platform – 12" (30.5 cm)
4-8565T
2.50 mm tips w/TC Coated tying platform – 12" (30.5 cm)
4-8566T



1 mm tips w/TC Coated platform in middle - 7.25" (18.5 cm) 4-8567T 1 mm tips w/TC Coated platform in middle - 8.25" (21 cm) 4-8568T 1 mm tips w/TC Coated platform in middle - 10" (25 cm) 4-8569T 2.50 mm tips w/TC Coated platform in middle - 10" (25 cm) 4-8570T

8-7001T

8-7002T

8-7003T

8-7004T

8-7005T

8-7006T 8-7007T

8-7008T

8-7009T

8-7010T

8-7011T

8-7012T

8-7013T

8-7014T

8-7015T

8-7016T 8-7017T

8-7018T

Double-action, Delicate, TC Coated jaws – 6.5" (16.5 cm)

Double-action, Delicate, TC Coated jaws – 7.3" (18.5 cm)

Double-action, Delicate, TC Coated jaws w/Lock – 7.3" (18.5 cm)

Double-action, Delicate, TC Coated jaws – 8.3" (21 cm)

Double-action, Delicate, TC Coated jaws w/Lock – 8.3" (21 cm)

Double-action, Delicate, TC Coated jaws – 9.1" (23 cm)

Double-action, Delicate, TC Coated jaws w/Lock – 9.1" (23 cm)

Double-action Delicate, TC Coated jaws – 12" (30.5 cm)

Double-action, Delicate, TC Coated jaws w/Lock – 12" (30.5 cm)

CG-O & Smaller Selfing

Double-action, Micro, TC Coated jaws – 6.5" (16.5 cm)

Double-action, Micro, TC Coated jaws – 7.3" (18.5 cm)

Double-action, Micro, TC Coated jaws w/Lock – 7.3" (18.5 cm)

Double-action, Micro, TC Coated jaws – 8.3" (21 cm)

Double-action, Micro, TC Coated jaws w/Lock – 8.3" (21 cm)

Double-action, Micro, TC Coated jaws – 9.1" (23 cm)

Double-action, Micro, TC Coated jaws w/Lock – 9.1" (23 cm)

Double-action, Micro, TC Coated jaws – 12" (30.5 cm)

Double-action, Micro, TC Coated jaws w/Lock – 12" (30.5 cm)

#### SYNAPSE I.M.A.

**DOUBLE-ACTION** 

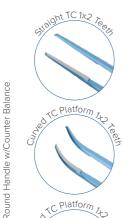
**FEATURED** 

4-1218T

4-1219T

4-1220T

4-1223T



Platform 4-Pop Page 1

1 mm tips, 1x2 teeth w/TC coated tying platform - 8.25" (18.5 cm) 1 mm tips, 1x2 teeth w/TC coated tying platform - 8.25" (21 cm) 1 mm tips, 1x2 teeth w/TC coated tying platform - 8.25" (25 cm) 1 mm tips, 1x2 teeth w/TC coated tying platform - 8.25" (30.5 cm)

Toledo Round Handle

Toledo Round Handle w/Counter Balance

#### **TOLEDO LINE**

#### **FEATURED TOLEDO MICRO**

## 100000000



0.50 mm TC Coated tips - 5.9" (15 cm) 0.50 mm TC Coated tips - 7.25" (18.5 cm) 0.50 mm TC Coated tips - 8.25" (21 cm) 0.50 mm TC Coated tips - 9" (23 cm) 0.50 mm TC Coated tips - 10" (25.5 cm) 0.80 mm TC Coated tips - 5.9" (15 cm) 0.80 mm TC Coated tips - 7.25" (18.5 cm) 0.80 mm TC Coated tips - 8.25" (21 cm) 0.80 mm TC Coated tips - 9" (23 cm) 0.80 mm TC Coated tips - 7" (25.5 cm)

4-1080T 4-1081T 4-1082T 4-1083T 4-1084T 4-1085T 4-1086T 4-1087T 4-1088T 4-1089T 4-1090T 4-1091T 4-1092T 4-1093T

4-1077T

4-1078T

4-1079T



0.50 mm TC Coated tips - 5.9" (15 cm) 0.50 mm TC Coated tips - 7.25" (18.5 cm) 0.50 mm TC Coated tips - 8.25" (21 cm) 0.50 mm TC Coated tips - 9" (23 cm) 0.50 mm TC Coated tips - 10" (25.5 cm) 0.80 mm TC Coated tips - 5.9" (15 cm) 0.80 mm TC Coated tips - 7.25" (18.5 cm) 0.80 mm TC Coated tips - 8.25" (21 cm) 0.80 mm TC Coated tips - 9" (23 cm) 0.80 mm TC Coated tips - 7" (25.5 cm)

#### TOLEDO MICRO RING TIP

#### **FEATURED**

4-8657T

4-8649T 4-8650T 4-8651T 4-8652T

4-8658T

4-8653T

4-8654T 4-8655T

4-8656T

4-1094T

4-1095T

4-1096T





1.10 mm TC Coated rings – 5.9" (15 cm)
1.20 mm TC Coated rings – 7.25" (18.5 cm)
1.20 mm TC Coated rings — 8.25" (21 cm)
1.20 mm TC Coated rings – 9" (23 cm)
1.20 mm TC Coated rings – 10" (25.5 cm)

1.10 mm TC Coated rings — 5.9" (15 cm)
1.20 mm TC Coated rings – 7.25" (18.5 cm)
1.20 mm TC Coated rings — 8.25" (21 cm)
1.20 mm TC Coated rings – 9" (23 cm)
1.20 mm TC Coated rings — 10" (25.5 cm)

#### **TOLEDO MICRO TISSUE**

FEATURED

Toledo Round Handle



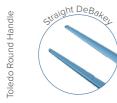


0.60 mm tips w/1x2 teeth - 7" (18 cm)0.60 mm tips w/1x2 teeth - 8" (20 cm) 4-1159T

4-1160T

#### **TOLEDO DeBAKEY**

FEATURED



100000000 1 mm tips - 7" (18 cm)

10000000000

1 mm tips - 8.25" (21 cm) 1.50 mm tips - 7" (18 cm) 1.50 mm tips - 8.25" (21 cm) 2 mm tips - 7" (18 cm)

2 mm tips - 8.25" (21 cm)

4-1163T 4-1164T

4-1165T

4-1166T 4-1167T

4-1168T

#### TOLEDO MICRO DeBAKEY

**FEATURED** 







0.60 mm tips - 7" (18 cm) 0.60 mm tips - 8.25" (21 cm) 4-1161T 4-1162T

#### **TOLEDO MICRO**

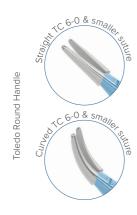
#### **FEATURED**

8-7041T

8-7043T

8-7037T

8-7039T



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		- DATE OF THE PARTY OF THE PART		
			Section Contract	Rumes

Micro, 0.80 mm jaws, TC Coated jaws w/Lock – 7.25" (18.5 cm)
Micro, 0.80 mm jaws, TC Coated jaws w/Lock – 8.2" (21 cm)
Micro, 1 mm tips, TC Coated jaws w/Lock – 7.25" (18.5 cm)
Micro, 1 mm tips, TC Coated jaws w/Lock – 8.2" (21 cm)

 $\label{eq:micro} \begin{array}{ll} \mbox{Micro, 0.80 mm tips, TC Coated jaws w/Lock} - 7.25" (18.5 cm) & 8.7042T \\ \mbox{Micro, 0.80 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7044T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 7.25" (18.5 cm) & 8.7038T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 1 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 2 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 2 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 2 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 2 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 3 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 3 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 3 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 3 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 3 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 3 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 3 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 4 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 4 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 4 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 4 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 4 mm tips, TC Coated jaws w/Lock} - 8.2" (21 cm) & 8.7040T \\ \mbox{Micro, 4 mm tips, 4 mm t$ 

#### TOLEDO MICRO

#### **FEATURED**

8-7049T

8-7051T

8-7045T

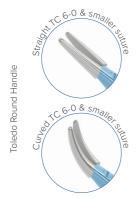
8-7047T

8-7050T

8-7052T

8-7046T

8-7048T



Micro, 0.80 mm jaws, TC Coated jaws – 7.25" (18.5 cm)

Micro, 0.80 mm jaws, TC Coated jaws – 8.2" (21 cm)

Micro, 1 mm jaws, TC Coated jaws – 7.25" (18.5 cm)

Micro, 1 mm jaws, TC Coated jaws – 8.2" (21 cm)

Micro, 0.80 mm jaws, TC Coated jaws – 7.25" (18.5 cm)

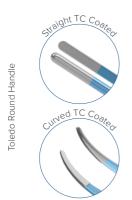
Micro, 0.80 mm jaws, TC Coated jaws – 8.2" (21 cm)

Micro, 1 mm tips, TC Coated jaws – 7.25" (18.5 cm)

Micro, 1 mm tips, TC Coated jaws – 8.2" (21 cm)

#### TOLEDO MICRO TYING

FEATURED



0.30 mm TC Coated tips – 5" (13 cm)	4-1069T
0.40 mm TC Coated tips — 5.9" (15 cm)	4-1071T
0.50  mm TC Coated tips - 7" (18  cm)	4-1073T
0.80  mm TC Coated tips - 7" (18  cm)	4-1075T

0.30 mm TC Coated tips – 5" (13 cm)
0.40 mm TC Coated tips $-5.9$ " (15 cm)
0.50 mm TC Coated tips – 7" (18 cm)
0.80 mm TC Coated tips - 7" (18 cm)

#### TOLEDO MICRO-SPRING

FEATURED

4-1070T 4-1072T 4-1074T 4-1076T





 7 mm Blades - 6.5" (16.5 cm)
 11-5445S

 10 mm Blades - 6.5" (16.5 cm)
 11-5446S

 14 mm Blades - 6.5" (16.5 cm)
 11-5447S



7 mm Blades – 6.5" (16.5 cm)	11-5448S
10 mm Blades – 6.5" (16.5 cm)	11-54498
14 mm Blades – 6.5" (16.5 cm)	11-5450S



Toledo round handle

14 mm Blades – 6.5" (16.5 cm)	11-5451S
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14 mm Blades – 6.5" (16.5 cm)

11-5452S





14 mm Blades - 6.5" (16.5 cm)

11-5453S



Toledo round handle

14 mm Blades — 6.5" (16.5 cm)

11-5454S



14 mm Blades – 6.5" (16.5 cm)

11-5455S



14 mm Blades – 6.5" (16.5 cm)

11-5456S





14 mm Blades — 6.5" (16.5 cm)

11-5457S



Toledo round handle

14 mm Blades - 6.5" (16.5 cm)

11-5458S



14 mm Blades - 6.5" (16.5 cm)

11-5459S

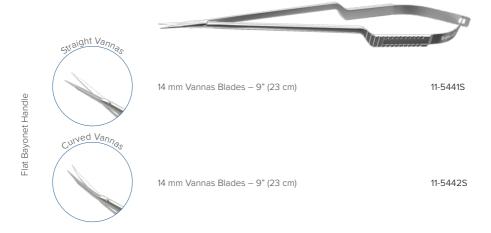


14 mm Blades - 6.5" (16.5 cm)

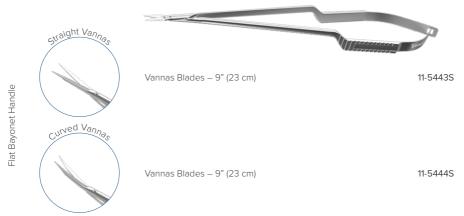
11-5460S

#### **YASARGIL LINE**

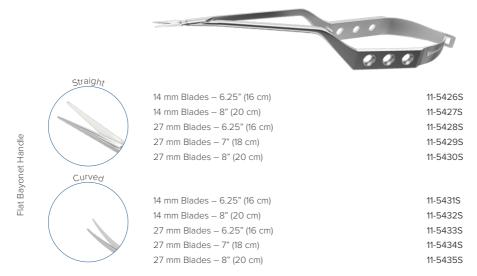
#### YASARGIL MICRO-SPRING



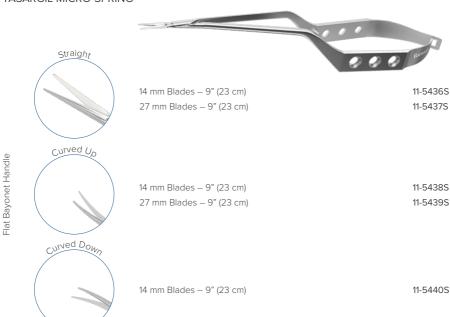
#### YASARGIL MICRO-SPRING VANNAS



#### YASARGIL MICRO-SPRING



#### YASARGIL MICRO-SPRING



#### **MISCELLANEOUS**

#### CHAUX I.M.A.



Retractor set – Retractor with 2 double blades

10-6125S

#### FRENCH I.M.A.



Retractor set – Retractor with 2 double blades

10-6125S

#### DOUBLE-ACTION METZENBAUM SCISSORS

DOUBLE-ACTION



Ring Handle



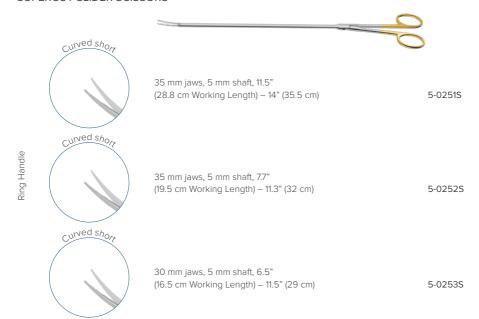
73 mm jaws, 10 mm shaft, 8.4" (21.4 cm Working Length) – 12.8" (32.6 cm)	5-0244S
73 mm jaws, 10 mm shaft, 8.4"	E 024EC
(21.4 cm Working Length) — 14.4" (36.6 cm)	5-0245S

67 mm jaws, 10 mm shaft, 8.1" (20.8 cm Working Length) - 12.5" (32 cm) 5-0246S 67 mm jaws, 10 mm shaft, 8.1" (20.8 cm Working Length) - 14.1" (36 cm) 5-0247S

#### SLIDING SHAFT SCISSORS



#### SUPERCUT SLIDER SCISSORS



Ring Handle

#### HALMANN DOUBLE-ACTION CLAMP

DOUBLE-ACTION



Double-action clamp w/cross teeth jaws - 13.5" (34.5 cm)

5-0254S



Double-action clamp w/cross teeth jaws – 15.7" (40 cm)

5-0255S

#### DeBAKEY HALMANN-GREGORY DOUBLE-ACTION CLAMP

DOUBLE-ACTION



Double-action clamp w/2x3 teeth - 15" (38 cm)

5-0256S

Double-action clamp w/2x3 teeth – 19" (48 cm)

5-0257S

RUMEX International Company 13770 58th St North, Suite 303 Clearwater FL 33760, USA

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