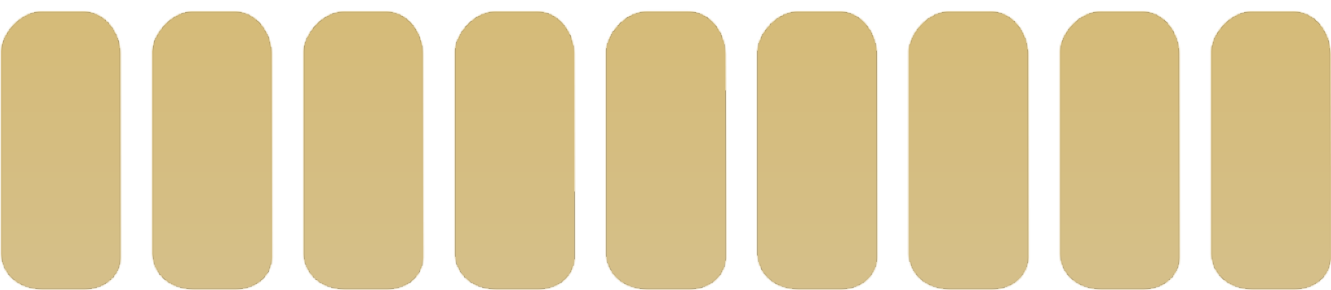


# **STINGRAY SURGICAL PRODUCTS™**

## **REUSABLE BIPOLAR FORCEPS CATALOG**



**EXCELLENCE IN VALUE**

## MARK T McBRINN OWNER AND FOUNDER



Mark T McBrinn is a graduate of Drexel University and spent over 30 years in the surgical instrument industry. In the late 1980's Mark started Mark Medical Manufacturing and dedicated his talents to gynecological instrumentation. Many designs and specialty instruments were developed by the company and are still in use today. Mark and his wife started Stingray Surgical Products in 2006

with a vast line of electro-surgical products. The company has grown and developed over the years and continues to pursue it's goal of providing Quality Products at a Valued Price.

**Repairs:** Stingray Surgical Products repair department is able to repair all manufacturers electrosurgical forceps. Our facility capabilities include but not limited to re-potting, re-insulation, non-stick tip replacement, irrigation tube replacement, laser welding, cap replacement, replacement of guide stops, and replacement of cords.

**Customization:** Stingray Surgical Products facility capabilities include CAD drawings, fabrication, prototyping designs, and modifications.

**Colors:** Standard colors for Stingray Surgical Products line:

- Blue color for stainless steel and titanium bipolar forceps.
- Black color for non-stick tips bipolar forceps.
- Eco-Friendly bipolar forceps are only available in green.
- All other colors available for a minimum set up charge.

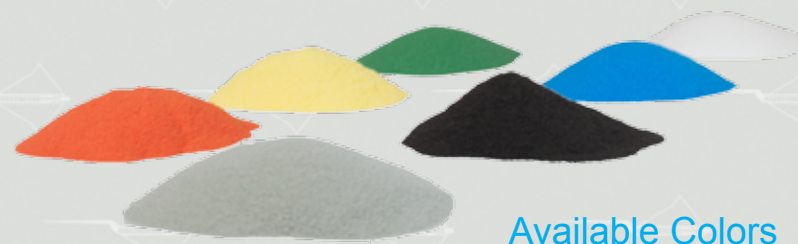
**Laser Etching:** Custom laser etching available for a minimum set up charge.

**Customer Service:** Stingray Surgical Products team is ready to assist you with all of your electrosurgical bipolar forceps inquiries.

- Phone: 561-210-7582
- Fax: 561-210-5608
- Email: [sales@stingraysurgical.com](mailto:sales@stingraysurgical.com)

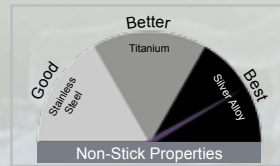
## BIPOLAR FORCEPS AND ACCESSORIES

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Available Colors

# ANATOMY OF STINGRAY'S BIPOLAR FORCEPS



## Silver Alloy tips

Stingray's non-stick tips have the highest thermal conductivity of all the metals used in manufacturing of bipolar forceps. The non-stick effect is permanently ensured, as the tips are not non-stick plated, but made of solid noble metals. Ordinary stainless steel bipolar forceps lack the heat transfer needed to prevent hot spots on the forceps tips during coagulation, which can cause residuals to stick to tips. Silver alloy allows the surgeon to complete coagulation procedures without frequently wiping of tips.

## Laser Etching

Provides clear and precise labeling to meet regulatory standards.

## Irrigation Cap

A universal hub connector allows irrigation tubing to be connected easily.

## Insulation

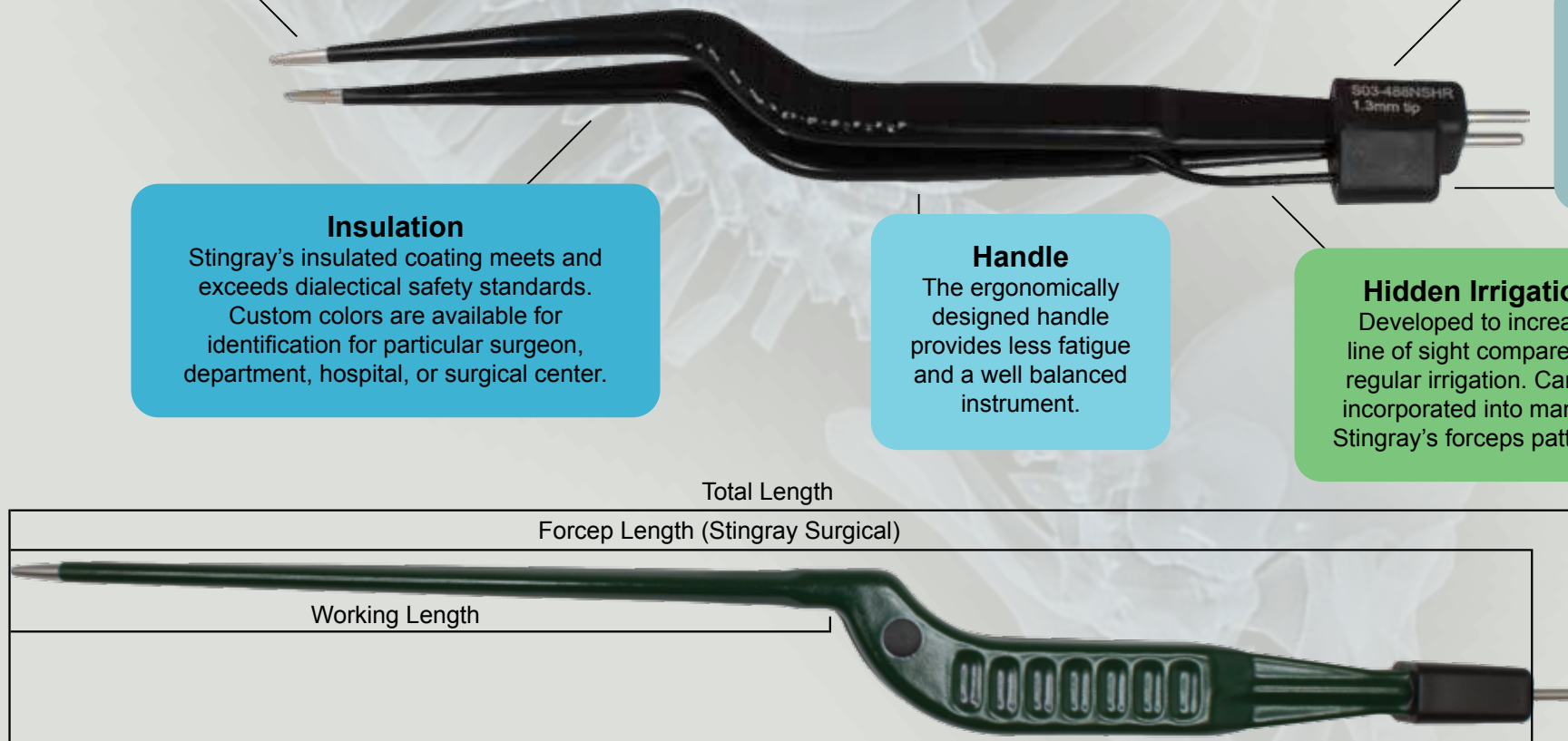
Stingray's insulated coating meets and exceeds dialectical safety standards. Custom colors are available for identification for particular surgeon, department, hospital, or surgical center.

## Handle

The ergonomically designed handle provides less fatigue and a well balanced instrument.

## Hidden Irrigation

Developed to increase line of sight compared to regular irrigation. Can be incorporated into many of Stingray's forceps patterns.



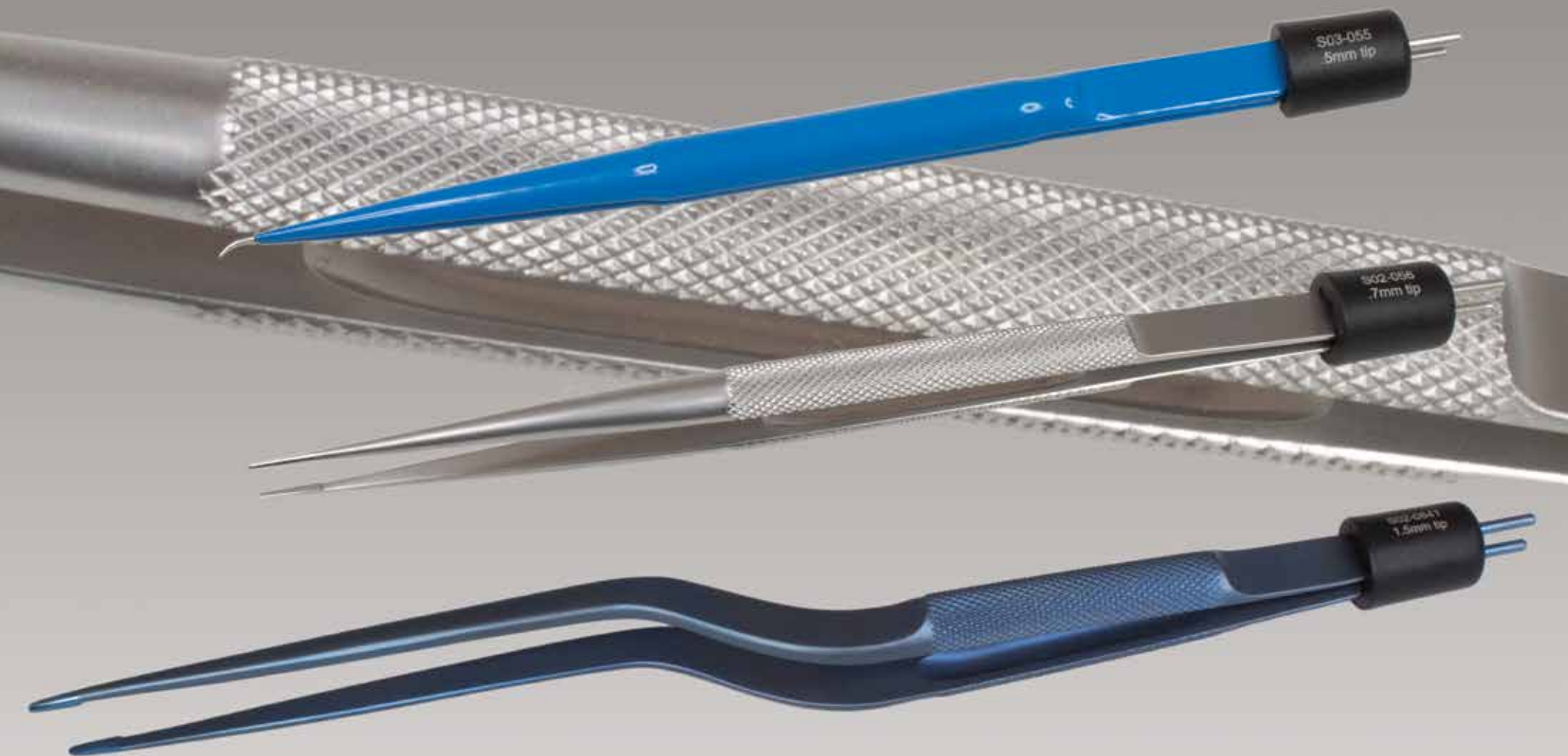
Total Length

Forcep Length (Stingray Surgical)

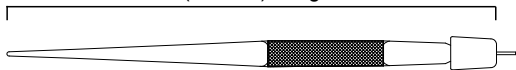
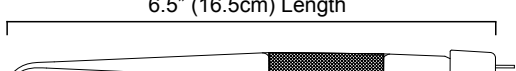
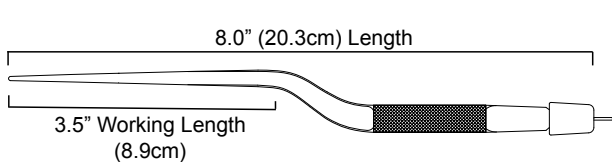
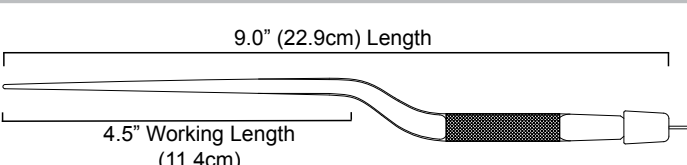
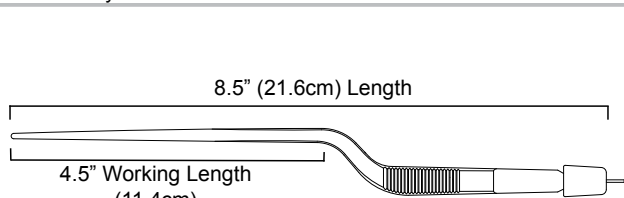
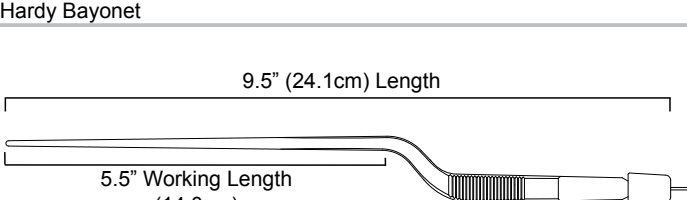
Working Length

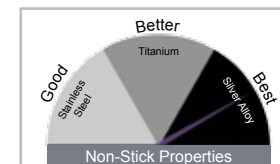
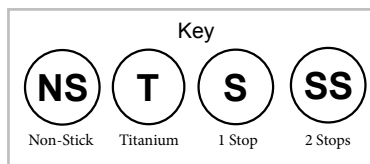
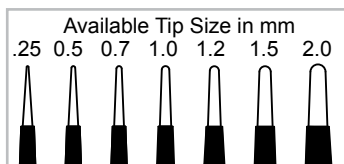








Round Handle and Hardy	Stainless Steel				Silver Alloy Tips			Titanium			
 6.5" (16.5cm) Length Round Handle Straight	Tip Size	Cat. No.	Cat. No.	Features	Tip Size	Cat. No.	Features	Tip Size	Cat. No.	Cat. No.	Features
	mm	Non-Insulated	Insulated		mm	Insulated		mm	Non-Insulated	Insulated	
	0.5	S02-054	S03-054	S	0.5	S03-054NS	S	0.5	S02-054T	S03-054T	S
	0.7	S02-056	S03-056	S	0.7	S03-056NS	S	0.7	S02-056T	S03-056T	S
 6.5" (16.5cm) Length Round Handle Curved	Tip Size	Cat. No.	Cat. No.	Features	Tip Size	Cat. No.	Features	Tip Size	Cat. No.	Cat. No.	Features
	mm	Non-Insulated	Insulated		mm	Insulated		mm	Non-Insulated	Insulated	
	0.5	S02-055	S03-055	S	0.5	S03-055NS	S	0.5	S02-055T	S03-055T	S
	0.7	S02-057	S03-057	S	0.7	S03-057NS	S	0.7	S02-057T	S03-057T	S
 8.0" (20.3cm) Length 3.5" Working Length (8.9cm) Round Handle Bayonet	Tip Size	Cat. No.	Cat. No.	Features	Tip Size	Cat. No.	Features	Tip Size	Cat. No.	Cat. No.	Features
	mm	Non-Insulated	Insulated		mm	Insulated		mm	Non-Insulated	Insulated	
	0.25	S02-060	S03-060	S	0.25	S03-060NS	S	0.25	S02-060T	S03-060T	S
	0.5	S02-061	S03-061	S	0.5	S03-061NS	S	0.5	S02-061T	S03-061T	S
	0.7	S02-062	S03-062	S	0.7	S03-062NS	S	0.7	S02-062T	S03-062T	S
	1.0	S02-063	S03-063	S	1.0	S03-063NS	S	1.0	S02-063T	S03-063T	S
	1.5	S02-064	S03-064	S	1.5	S03-064NS	S	1.5	S02-064T	S03-064T	S
	2.0	S02-065	S03-065	S	2.0	S03-065NS	S	2.0	S02-065T	S03-065T	S
 9.0" (22.9cm) Length 4.5" Working Length (11.4cm) Round Handle Bayonet	Tip Size	Cat. No.	Cat. No.	Features	Tip Size	Cat. No.	Features	Tip Size	Cat. No.	Cat. No.	Features
	mm	Non-Insulated	Insulated		mm	Insulated		mm	Non-Insulated	Insulated	
	0.25	S02-066	S03-066	S	0.25	S03-066NS	S	0.25	S02-066T	S03-066T	S
	0.5	S02-067	S03-067	S	0.5	S03-067NS	S	0.5	S02-067T	S03-067T	S
	0.7	S02-068	S03-068	S	0.7	S03-068NS	S	0.7	S02-068T	S03-068T	S
	1.0	S02-069	S03-069	S	1.0	S03-069NS	S	1.0	S02-069T	S03-069T	S
	1.5	S02-070	S03-070	S	1.5	S03-070NS	S	1.5	S02-070T	S03-070T	S
	2.0	S02-071	S03-071	S	2.0	S03-071NS	S	2.0	S02-071T	S03-071T	S
 8.5" (21.6cm) Length 4.5" Working Length (11.4cm) Hardy Bayonet	Tip Size	Cat. No.	Cat. No.	Features	Tip Size	Cat. No.	Features				
	mm	Non-Insulated	Insulated		mm	Insulated					
	0.25	S02-080	S03-080	S, SS	0.25	S03-080NS	S, SS				
	0.5	S02-082	S03-082	S, SS	0.5	S03-082NS	S, SS				
	0.7	S02-084	S03-084	S, SS	0.7	S03-084NS	S, SS				
	1.0	S02-086	S03-086	S, SS	1.0	S03-086NS	S, SS				
	1.2	S02-088	S03-088	S, SS	1.2	S03-088NS	S, SS				
	1.5	S02-089	S03-089	S, SS	1.5	S03-089NS	S, SS				
 9.5" (24.1cm) Length 5.5" Working Length (14.0cm) Hardy Bayonet	Tip Size	Cat. No.	Cat. No.	Features	Tip Size	Cat. No.	Features				
	mm	Non-Insulated	Insulated		mm	Insulated					
	0.25	S02-092	S03-092	S, SS	0.25	S03-092NS	S, SS				
	0.5	S02-094	S03-094	S, SS	0.5	S03-094NS	S, SS				
	0.7	S02-096	S03-096	S, SS	0.7	S03-096NS	S, SS				
	1.0	S02-098	S03-098	S, SS	1.0	S03-098NS	S, SS				
	1.2	S02-100	S03-100	S, SS	1.2	S03-100NS	S, SS				
	1.5	S02-102	S03-102	S, SS	1.5	S03-102NS	S, SS				
	2.0	S02-104	S03-104	S, SS	2.0	S03-104NS	S, SS				



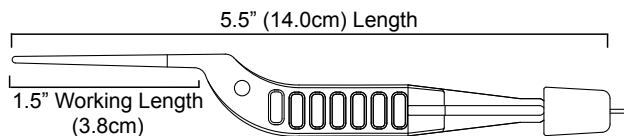


Microtine's allow for minimal invasive surgery. Features riveted guide stops, non-stick tips, ergonomic handle, and a light weight design.

## Microtine

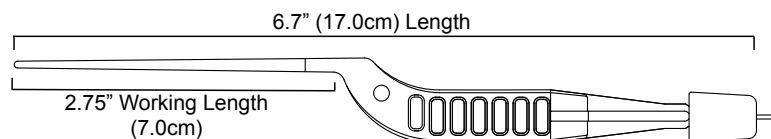
## Silver Alloy Tips

Bayonet



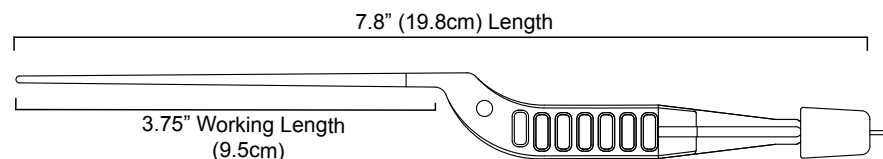
Tip Size mm	Cat. No.	Features
	Insulated	
0.4	S03-110NS	U, D
0.7	S03-113NS	U, D
1.2	S03-117NS	U, D
1.5	S03-118NS	U, D

Bayonet



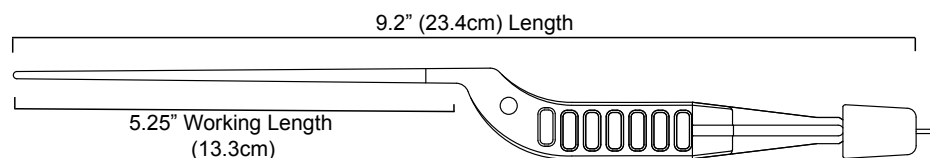
Tip Size mm	Cat. No.	Features
	Insulated	
0.4	S03-120NS	U, D
0.7	S03-123NS	U, D
1.2	S03-127NS	U, D
1.5	S03-128NS	U, D

Bayonet



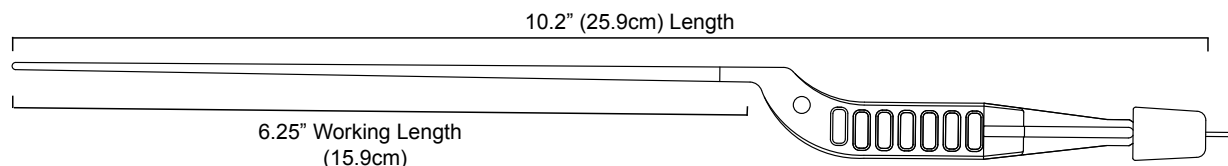
Tip Size mm	Cat. No.	Features
	Insulated	
0.4	S03-130NS	U, D
0.7	S03-133NS	U, D
1.2	S03-137NS	U, D
1.5	S03-138NS	U, D

Bayonet



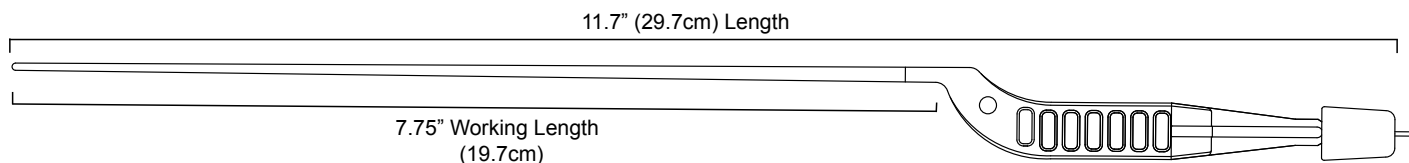
Tip Size mm	Cat. No.	Features
	Insulated	
0.4	S03-140NS	U, D
0.7	S03-143NS	U, D
1.2	S03-147NS	U, D
1.5	S03-148NS	U, D

Bayonet



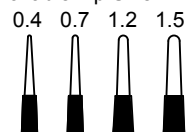
Tip Size mm	Cat. No.	Features
	Insulated	
0.4	S03-160NS	U, D
0.7	S03-163NS	U, D
1.2	S03-167NS	U, D
1.5	S03-168NS	U, D

Bayonet



Tip Size mm	Cat. No.	Features
	Insulated	
0.4	S03-180NS	U, D
0.7	S03-183NS	U, D
1.2	S03-187NS	U, D
1.5	S03-188NS	U, D

Available Tip Size in mm



Key



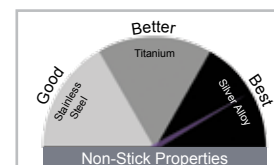
Non-Stick



Up Tip  
Deg. 20, 30, 45



Down Tip  
Deg. 20, 30, 45



Microtine



- Keyfin design assures alignment of tongs
- Avoids scissoring action
- Minimal viewing obstruction





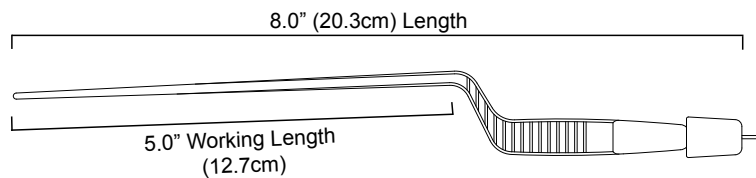


## Key and Keyfin

## Silver Alloy Tips

## Silver Alloy Tips w/ FinGuide

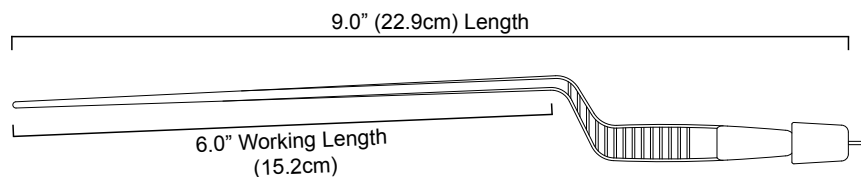
Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.4	S03-230NS	U, D
0.7	S03-233NS	U, D
1.0	S03-235NS	U, D
1.2	S03-237NS	U, D
1.5	S03-238NS	U, D

Tip Size mm	Cat. No. Insulated	Features
0.4	S03-230FG	U, D
0.7	S03-233FG	U, D
1.0	S03-235FG	U, D
1.2	S03-237FG	U, D
1.5	S03-238FG	U, D

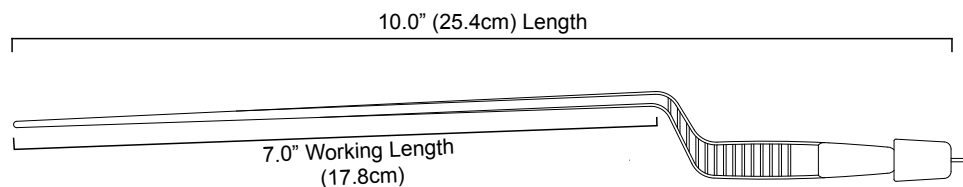
Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.4	S03-240NS	U, D
0.7	S03-243NS	U, D
1.0	S03-245NS	U, D
1.2	S03-247NS	U, D
1.5	S03-248NS	U, D

Tip Size mm	Cat. No. Insulated	Features
0.4	S03-240FG	U, D
0.7	S03-243FG	U, D
1.0	S03-245FG	U, D
1.2	S03-247FG	U, D
1.5	S03-248FG	U, D

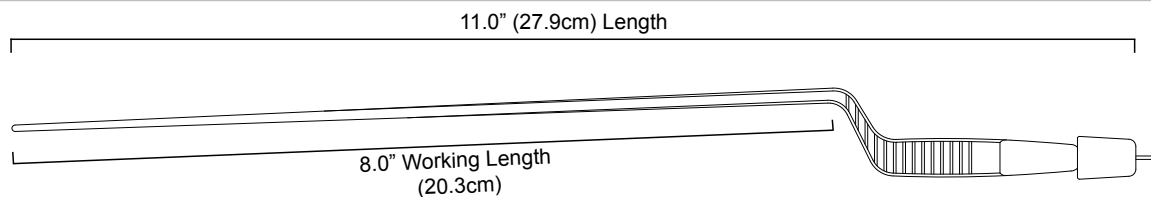
Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.4	S03-260NS	U, D
0.7	S03-263NS	U, D
1.0	S03-265NS	U, D
1.2	S03-267NS	U, D
1.5	S03-268NS	U, D

Tip Size mm	Cat. No. Insulated	Features
0.4	S03-260FG	U, D
0.7	S03-263FG	U, D
1.0	S03-265FG	U, D
1.2	S03-267FG	U, D
1.5	S03-268FG	U, D

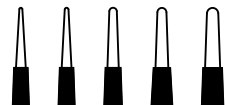
Bayonet



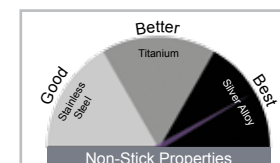
Tip Size mm	Cat. No. Insulated	Features
0.4	S03-280NS	U, D
0.7	S03-281NS	U, D
1.0	S03-285NS	U, D
1.2	S03-286NS	U, D
1.5	S03-288NS	U, D

Tip Size mm	Cat. No. Insulated	Features
0.4	S03-280FG	U, D
0.7	S03-281FG	U, D
1.0	S03-285FG	U, D
1.2	S03-286FG	U, D
1.5	S03-288FG	U, D

Available Tip Size in mm  
0.4 0.7 1.0 1.2 1.5



Key



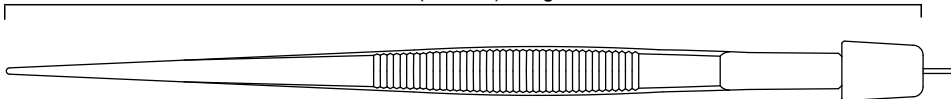
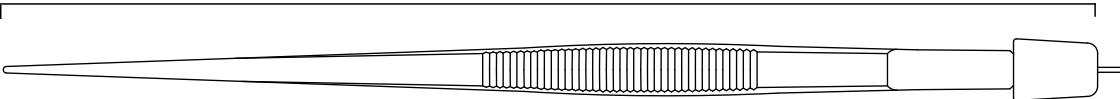
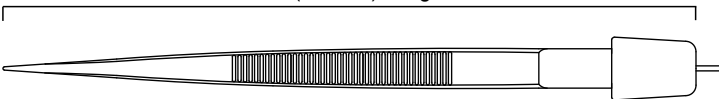
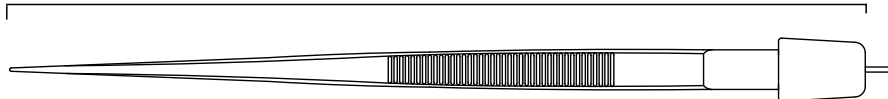
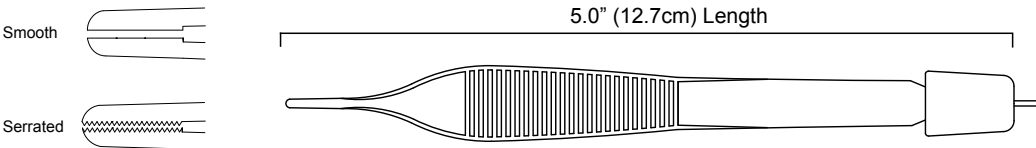
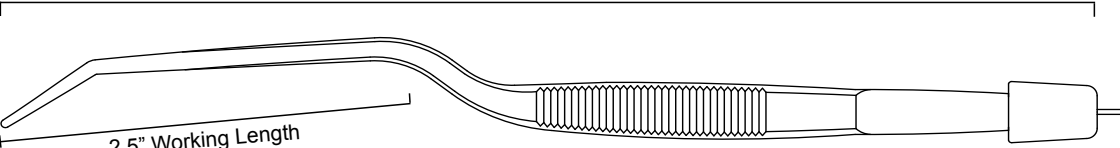


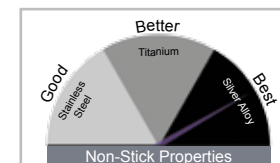
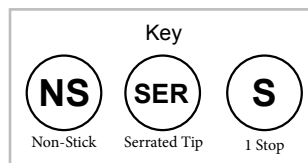
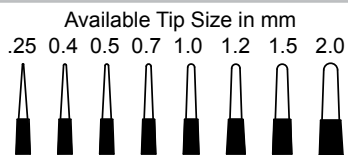


## Potts Smith, Semkin, Adson, Tonsil

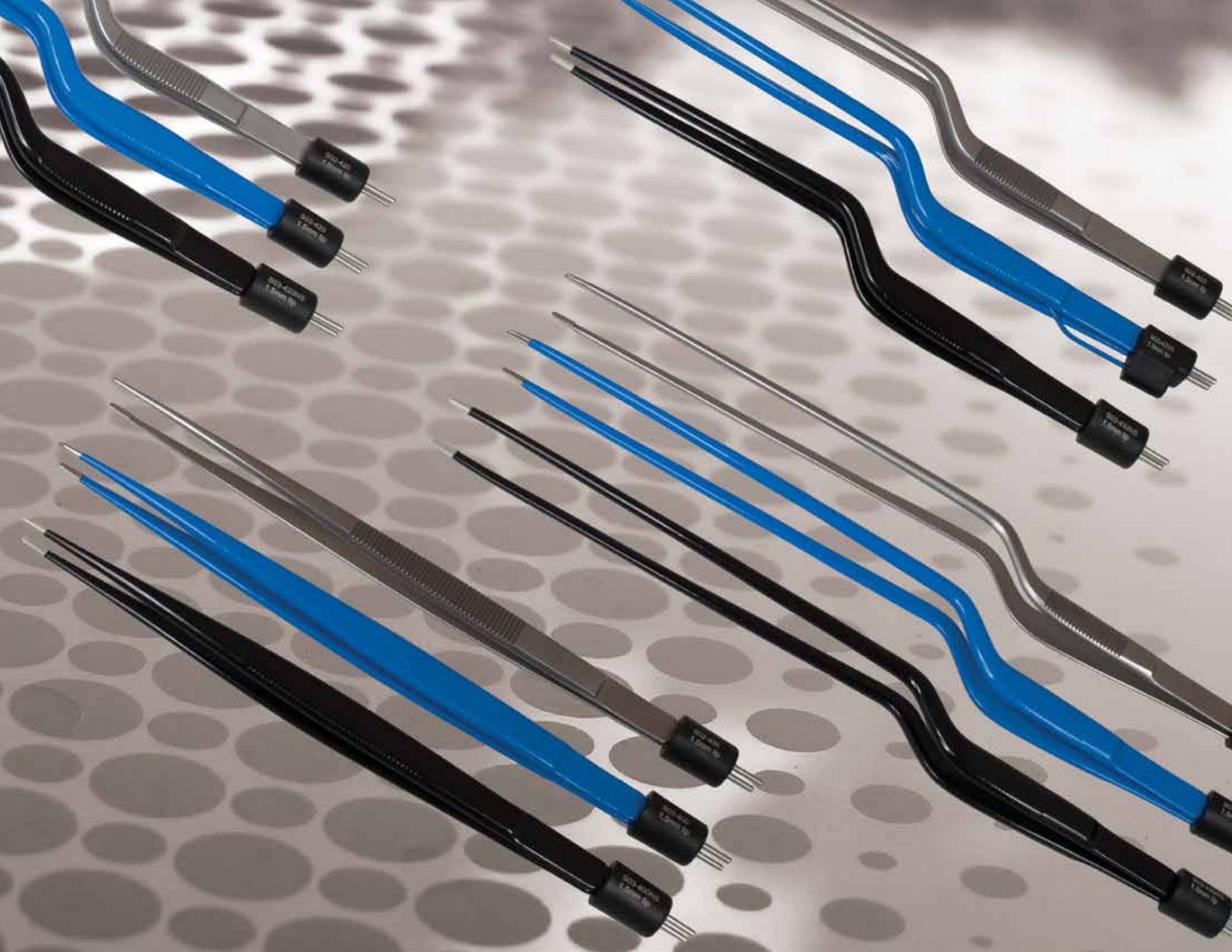
## Stainless Steel

## Silver Alloy Tips

 7.0" (17.8cm) Length <b>Potts Smith Straight</b>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated		Tip Size mm	Cat. No. Insulated	
	0.5	S02-300	S03-300		0.5	S03-300NS	
	0.7	S02-302	S03-302		0.7	S03-302NS	
	1.0	S02-303	S03-303		1.0	S03-303NS	
 8.25" (21.0cm) Length <b>Potts Smith Straight</b>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated		Tip Size mm	Cat. No. Insulated	
	0.5	S02-330	S03-330		0.5	S03-330NS	
	0.7	S02-332	S03-332		0.7	S03-332NS	
	1.0	S02-333	S03-333		1.0	S03-333NS	
 5.0" (12.7cm) Length <b>Semkin Straight</b>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features
	.25	S02-358	S03-358	S	.25	S03-358NS	S
	0.5	S02-360	S03-360	S	0.5	S03-360NS	S
	0.7	S02-361	S03-361	S	0.7	S03-361NS	S
	1.2	S02-362	S03-362	S	1.2	S03-362NS	S
	1.5	S02-364	S03-364	S	1.5	S03-364NS	S
 6.0" (15.2cm) Length <b>Semkin Straight</b>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features
	.25	S02-368	S03-368	S	.25	S03-368NS	S
	0.5	S02-370	S03-370	S	0.5	S03-370NS	S
	0.7	S02-371	S03-371	S	0.7	S03-371NS	S
	1.2	S02-372	S03-372	S	1.2	S03-372NS	S
	1.5	S02-374	S03-374	S	1.5	S03-374NS	S
 5.0" (12.7cm) Length <b>Adson Straight</b>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	
	0.4	S02-376	S03-376	SER	0.4	S03-376NS	
	0.7	S02-377	S03-377	SER	0.7	S03-377NS	
	1.0	S02-380	S03-380	SER	1.0	S03-380NS	
	1.2	S02-381	S03-381	SER	1.2	S03-381NS	
	1.5	S02-382	S03-382	SER	1.5	S03-382NS	
	2.0	S02-384	S03-384	SER	2.0	S03-384NS	
 7.5" (19.1cm) Length 2.5" Working Length (6.4cm) <b>Tonsil Bayonet</b>	Tip Size mm		Cat. No. Insulated		Tip Size mm	Cat. No. Insulated	
	1.5		S03-387		1.5	S03-387NS	







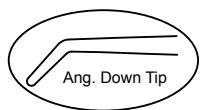




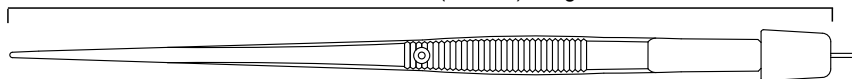
## Cushing

## Stainless Steel

## Silver Alloy Tips



7.0" (17.8cm) Length



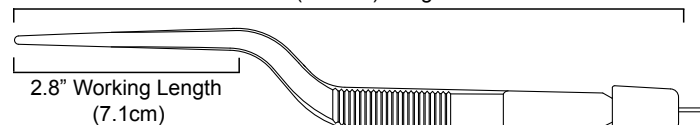
Straight

Tip Size	Cat. No.	Cat. No.	Features
mm	Non-Insulated	Insulated	
0.4	S02-390	S03-390	R
0.7	S02-392	S03-392	R
1.0	S02-394	S03-394	R
1.2	S02-396	S03-396	R
1.5	S02-400	S03-400	R
2.0	S02-402	S03-402	R

Tip Size	Cat. No.	Features
mm	Insulated	
0.4	S03-390NS	SP R,D
0.7	S03-392NS	SP R,D
1.0	S03-394NS	SP R,D
1.2	S03-396NS	SP R,D
1.5	S03-400NS	SP R,D
2.0	S03-402NS	SP R,D

\* when ordering SP, no NS suffix is needed in part number

6.1" (15.5cm) Length

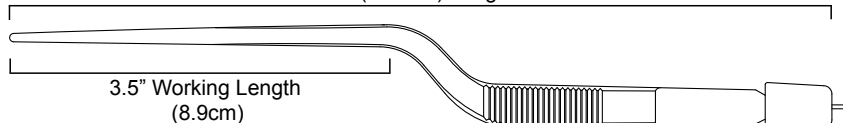


Bayonet

Tip Size	Cat. No.	Cat. No.	Features
mm	Non-Insulated	Insulated	
0.5	S02-403	S03-403	R
0.7	S02-404	S03-404	R
1.0	S02-405	S03-405	R
1.2	S02-406	S03-406	R

Tip Size	Cat. No.	Features
mm	Insulated	
0.5	S03-403NS	R
0.7	S03-404NS	R
1.0	S03-405NS	R
1.2	S03-406NS	R

7.5" (19.1cm) Length

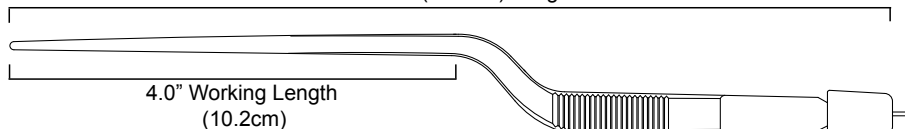


Bayonet

Tip Size	Cat. No.	Cat. No.	Features
mm	Non-Insulated	Insulated	
0.25	S02-410	S03-410	R
0.5	S02-412	S03-412	R
0.7	S02-414	S03-414	R
1.0	S02-416	S03-416	R
1.2	S02-418	S03-418	R
1.5	S02-420	S03-420	R
2.0	S02-421	S03-421	R

Tip Size	Cat. No.	Features
mm	Insulated	
0.25	S03-410NS	R
0.5	S03-412NS	R
0.7	S03-414NS	R
1.0	S03-416NS	R
1.2	S03-418NS	R
1.5	S03-420NS	R
2.0	S03-421NS	R

8.25" (21.0cm) Length

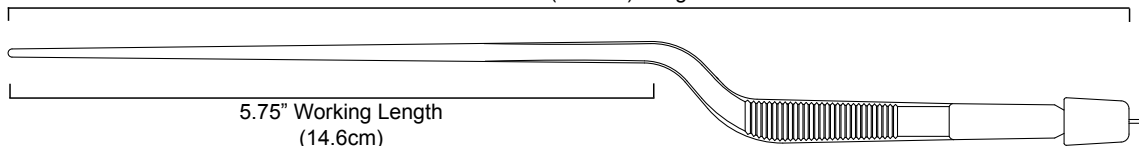


Bayonet

Tip Size	Cat. No.	Cat. No.	Features
mm	Non-Insulated	Insulated	
0.25	S02-423	S03-423	R
0.5	S02-425	S03-425	R
0.7	S02-427	S03-427	R
1.0	S02-429	S03-429	R
1.2	S02-431	S03-431	R
1.5	S02-433	S03-433	R
2.0	S02-435	S03-435	R

Tip Size	Cat. No.	Features
mm	Insulated	
0.25	S03-423NS	R
0.5	S03-425NS	R
0.7	S03-427NS	R
1.0	S03-429NS	R
1.2	S03-431NS	R
1.5	S03-433NS	R
2.0	S03-435NS	R

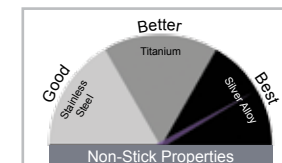
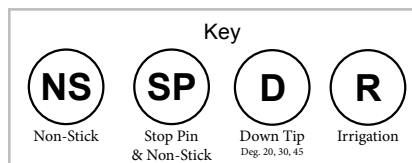
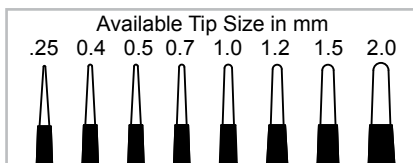
10.5" (26.7cm) Length



Bayonet

Tip Size	Cat. No.	Cat. No.	Features
mm	Non-Insulated	Insulated	
1.0	S02-438	S03-438	R
1.5	S02-439	S03-439	R
2.0	S02-440	S03-440	R

Tip Size	Cat. No.	Features
mm	Insulated	
1.0	S03-438NS	R
1.5	S03-439NS	R
2.0	S03-440NS	R





S03-405  
5mm tip

S03-448  
1mm tip

S03-448  
1mm tip

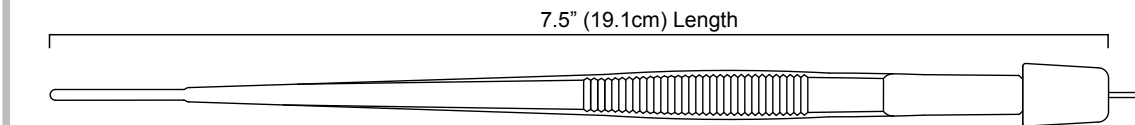
S02-449  
1mm tip

S03-442N  
1mm tip

# Gerald, Scoville-Greenwood, J House

## Stainless Steel

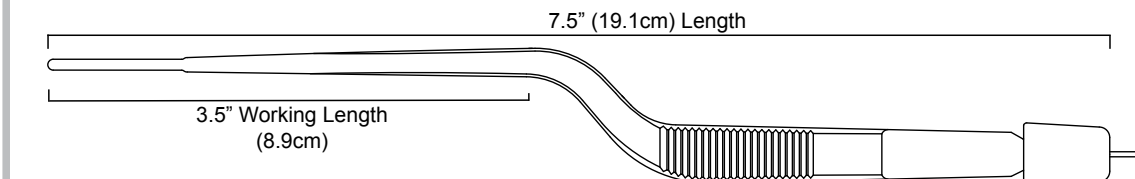
## Silver Alloy Tips



Gerald Straight

Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
1.0	S02-446	S03-446	R

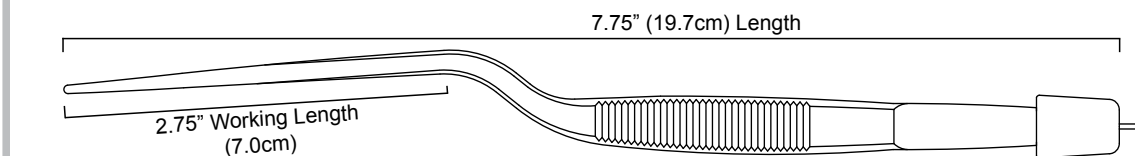
Tip Size mm	Cat. No. Insulated	Features
1.0	S03-446NS	R



Gerald Bayonet

Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
0.5	S02-447	S03-447	R
1.0	S02-448	S03-448	R
2.0	S02-449	S03-449	R

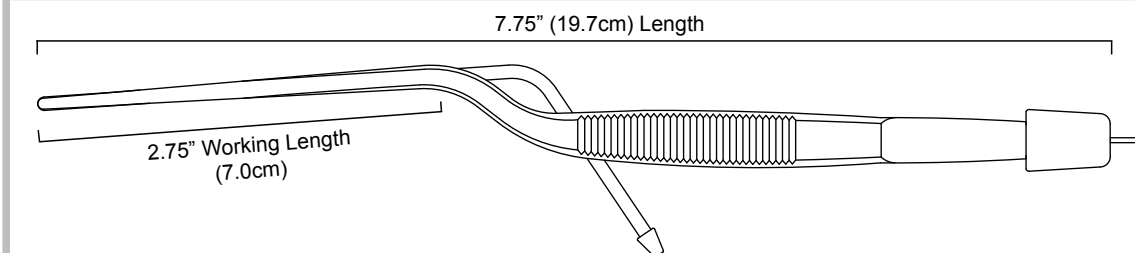
Tip Size mm	Cat. No. Insulated	Features
0.5	S03-447NS	R
1.0	S03-448NS	R
2.0	S03-449NS	R



Scoville Greenwood Bayonet

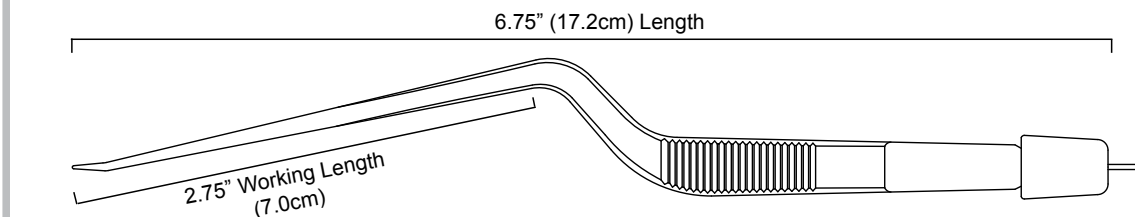
Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
.25	S02-441	S03-441	R
1.0	S02-442	S03-442	R
1.5	S02-443	S03-443	R
2.0	S02-445	S03-445	R

Tip Size mm	Cat. No. Insulated	Features
.25	S03-441NS	R
1.0	S03-442NS	R
1.5	S03-443NS	R
2.0	S03-445NS	R



Scoville Greenwood Large Tube Bayonet

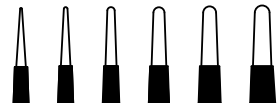
Tip Size mm	Cat. No. Insulated
1.75	S03-444LGR



J House Bayonet

Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
0.5	S02-409	S03-409	R

Available Tip Size in mm  
.25 0.5 1.0 1.5 1.75 2.0



Key



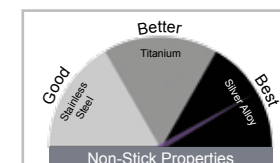
Non-Stick



Irrigation



Large Irrigation









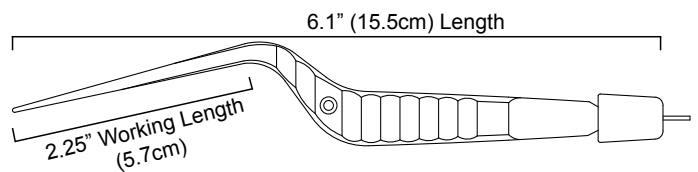


**Yasargil**

**Silver Alloy Tips**

**Silver Alloy Tips w/Stop Pin**

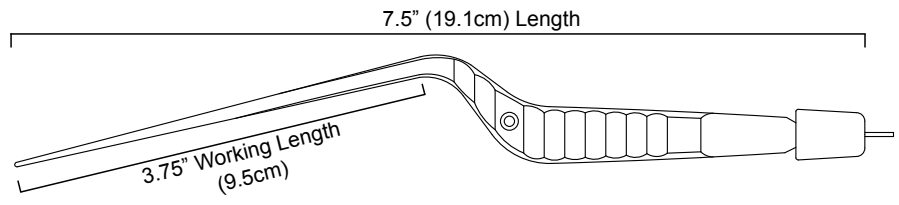
Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.4	S03-450NS	R, U, D
0.7	S03-453NS	R, U, D
1.0	S03-455NS	R, U, D
1.2	S03-457NS	R, U, D
1.5	S03-458NS	R, U, D
2.0	S03-459NS	R, U, D

Tip Size mm	Cat. No. Insulated	Features
0.4	S03-450SP	R, U, D
0.7	S03-453SP	R, U, D
1.0	S03-455SP	R, U, D
1.2	S03-457SP	R, U, D
1.5	S03-458SP	R, U, D
2.0	S03-459SP	R, U, D

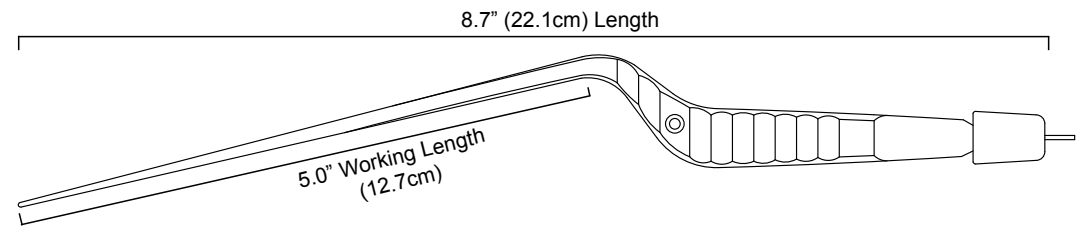
Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.4	S03-460NS	R, U, D
0.7	S03-463NS	R, U, D
1.0	S03-465NS	R, U, D
1.2	S03-467NS	R, U, D
1.5	S03-468NS	R, U, D
2.0	S03-469NS	R, U, D

Tip Size mm	Cat. No. Insulated	Features
0.4	S03-460SP	R, U, D
0.7	S03-463SP	R, U, D
1.0	S03-465SP	R, U, D
1.2	S03-467SP	R, U, D
1.5	S03-468SP	R, U, D
2.0	S03-469SP	R, U, D

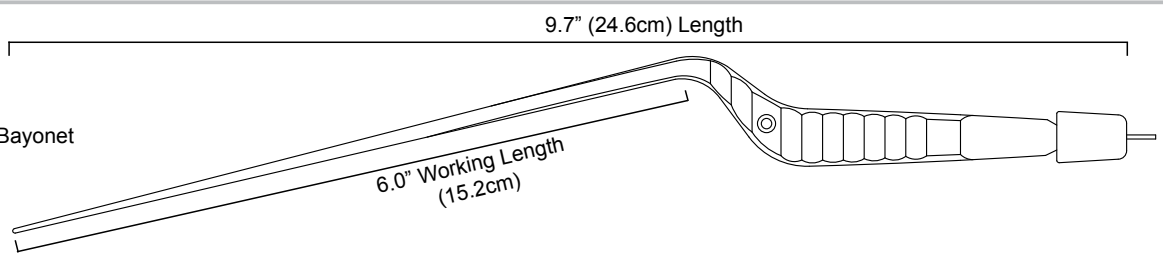
Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.4	S03-530NS	R, U, D
0.7	S03-533NS	R, U, D
1.0	S03-535NS	R, U, D
1.2	S03-537NS	R, U, D
1.5	S03-538NS	R, U, D
2.0	S03-539NS	R, U, D

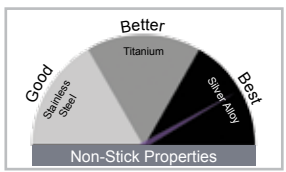
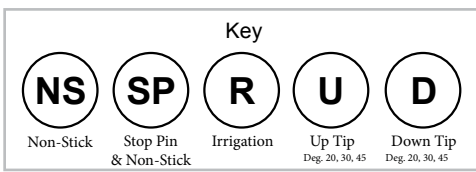
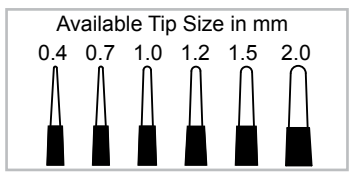
Tip Size mm	Cat. No. Insulated	Features
0.4	S03-530SP	R, U, D
0.7	S03-533SP	R, U, D
1.0	S03-535SP	R, U, D
1.2	S03-537SP	R, U, D
1.5	S03-538SP	R, U, D
2.0	S03-539SP	R, U, D

Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.4	S03-540NS	R, U, D
0.7	S03-543NS	R, U, D
1.0	S03-545NS	R, U, D
1.2	S03-547NS	R, U, D
1.5	S03-548NS	R, U, D
2.0	S03-549NS	R, U, D

Tip Size mm	Cat. No. Insulated	Features
0.4	S03-540SP	R, U, D
0.7	S03-543SP	R, U, D
1.0	S03-545SP	R, U, D
1.2	S03-547SP	R, U, D
1.5	S03-548SP	R, U, D
2.0	S03-549SP	R, U, D





Stingray's hidden  
irrigation allows  
maximum visibility.

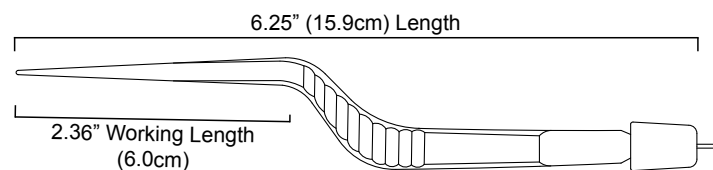




## K-Yasargil

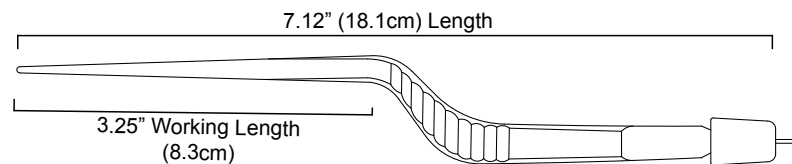
## Silver Alloy Tips

Bayonet



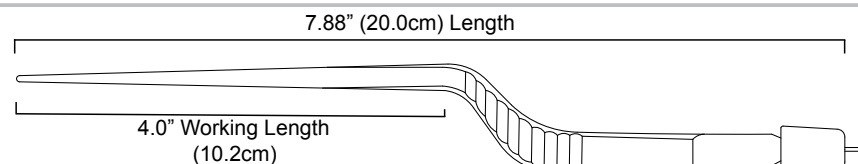
Tip Size mm	Cat. No. Insulated	Features
0.5	S03-481NS	HR
0.7	S03-483NS	HR
1.0	S03-485NS	HR
1.3	S03-488NS	HR

Bayonet



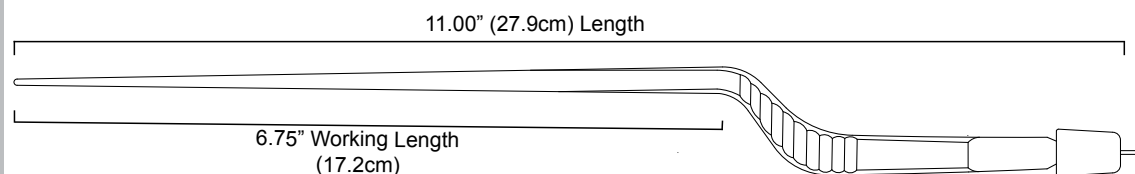
Tip Size mm	Cat. No. Insulated	Features
0.5	S03-491NS	HR
0.7	S03-493NS	HR
1.0	S03-495NS	HR
1.3	S03-498NS	HR

Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.5	S03-501NS	HR
0.7	S03-503NS	HR
1.0	S03-505NS	HR
1.3	S03-508NS	HR

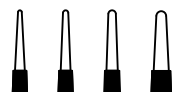
Bayonet



Tip Size mm	Cat. No. Insulated	Features
0.5	S03-521NS	HR
0.7	S03-523NS	HR
1.0	S03-525NS	HR
1.3	S03-528NS	HR

Available Tip Size in mm

0.5 0.7 1.0 1.3



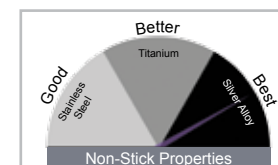
Key



Non-Stick



Hidden Irrigation





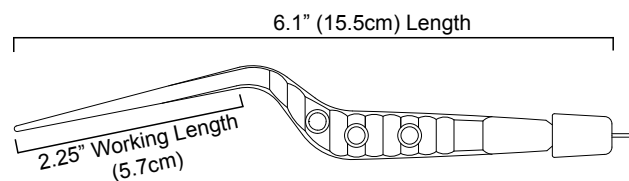




## Yasargil Fenestrated

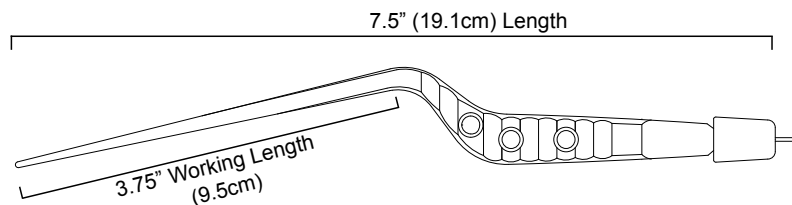
## Silver Alloy Tips

Bayonet



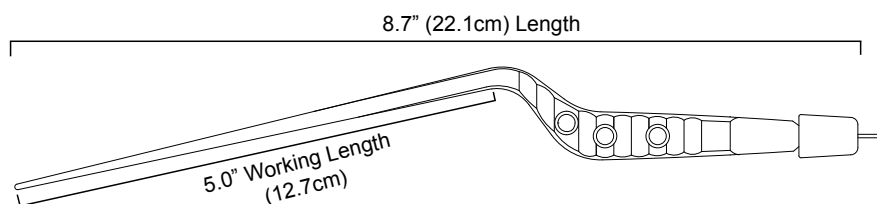
Tip Size mm	Cat. No. Insulated	Features
0.4	S03-565NS	U, D
0.7	S03-566NS	U, D
1.0	S03-567NS	U, D
1.2	S03-568NS	U, D
1.5	S03-569NS	U, D

Bayonet



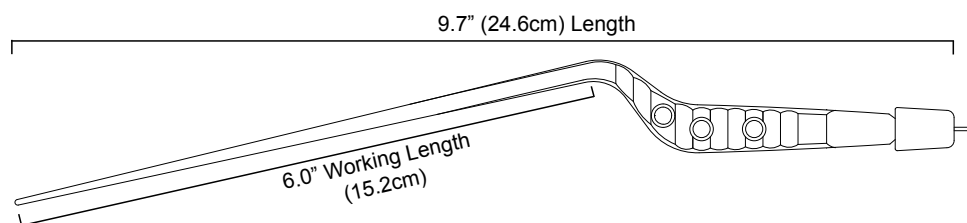
Tip Size mm	Cat. No. Insulated	Features
0.4	S03-575NS	U, D
0.7	S03-576NS	U, D
1.0	S03-577NS	U, D
1.2	S03-578NS	U, D
1.5	S03-579NS	U, D

Bayonet



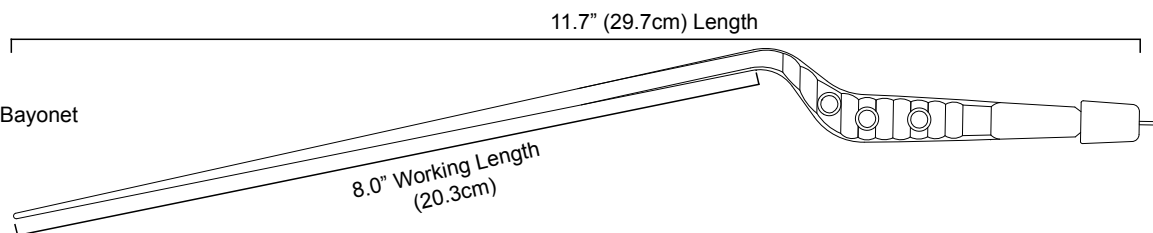
Tip Size mm	Cat. No. Insulated	Features
0.4	S03-580NS	U, D
0.7	S03-581NS	U, D
1.0	S03-582NS	U, D
1.2	S03-583NS	U, D
1.5	S03-584NS	U, D

Bayonet



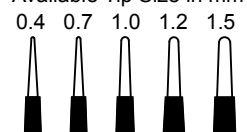
Tip Size mm	Cat. No. Insulated	Features
0.4	S03-590NS	U, D
0.7	S03-591NS	U, D
1.0	S03-592NS	U, D
1.2	S03-593NS	U, D
1.5	S03-594NS	U, D

Bayonet

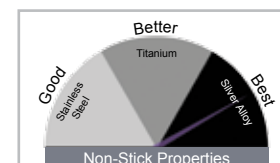


Tip Size mm	Cat. No. Insulated	Features
0.4	S03-595NS	U, D
0.7	S03-596NS	U, D
1.0	S03-597NS	U, D
1.2	S03-598NS	U, D
1.5	S03-599NS	U, D

Available Tip Size in mm



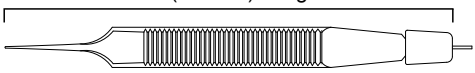
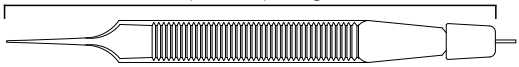
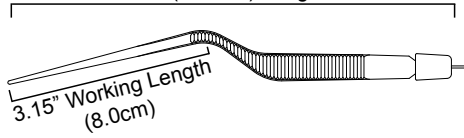
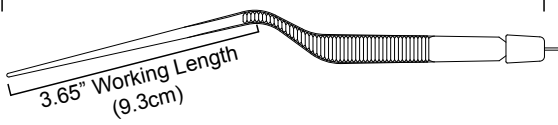
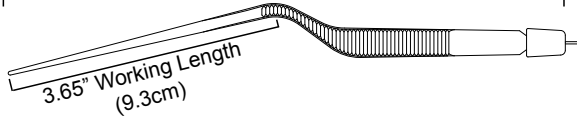
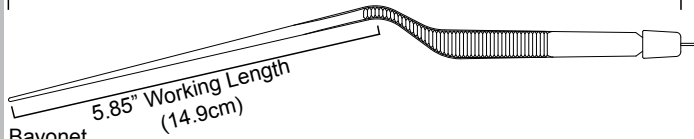
Key

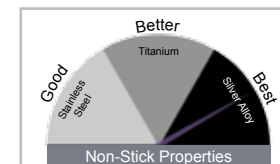
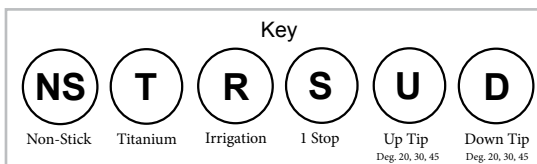
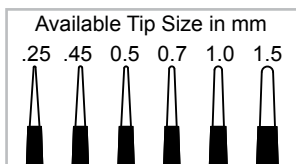




Stingray Surgical Products unique position in the market place allows the company to use exotic materials in our manufacturing process, such as titanium, and noble non-stick alloys. Along with these materials and custom manufacturing we provide our customers with a variety of designs and patterns.



Malis Style	Stainless Steel				Silver Alloy Tips			Titanium			
 <p>5.0" (12.7cm) Length</p> <p>Straight</p>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
	0.25	S02-634	S03-634	R,S	0.25	S03-634NS	R,S	0.25	S02-634T	S03-634T	R,S
	0.45	S02-636	S03-636	R,S	0.45	S03-636NS	R,S	0.45	S02-636T	S03-636T	R,S
 <p>6.0" (15.2cm) Length</p> <p>Straight</p>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
	0.25	S02-640	S03-640	R,S	0.25	S03-640NS	R,S	0.25	S02-640T	S03-640T	R,S
	0.45	S02-641	S03-641	R,S	0.45	S03-641NS	R,S	0.45	S02-641T	S03-641T	R,S
 <p>7.5" (19.1cm) Length</p> <p>3.15" Working Length (8.0cm)</p> <p>Bayonet</p>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
	0.25	S02-648	S03-648	R,S,U,D	0.25	S03-648NS	R,S,U,D	0.25	S02-648T	S03-648T	R,S,U,D
	0.5	S02-651	S03-651	R,S,U,D	0.5	S03-651NS	R,S,U,D	0.5	S02-651T	S03-651T	R,S,U,D
	0.7	S02-652	S03-652	R,S,U,D	0.7	S03-652NS	R,S,U,D	0.7	S02-652T	S03-652T	R,S,U,D
	1.0	S02-653	S03-653	R,S,U,D	1.0	S03-653NS	R,S,U,D	1.0	S02-653T	S03-653T	R,S,U,D
	1.5	S02-655	S03-655	R,S,U,D	1.5	S03-655NS	R,S,U,D	1.5	S02-655T	S03-655T	R,S,U,D
 <p>8.5" (21.6cm) Length</p> <p>3.65" Working Length (9.3cm)</p> <p>Bayonet</p>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
	0.25	S02-674	S03-674	R,S,U,D	0.25	S03-674NS	R,S,U,D	0.25	S02-674T	S03-674T	R,S,U,D
	0.5	S02-675	S03-675	R,S,U,D	0.5	S03-675NS	R,S,U,D	0.5	S02-675T	S03-675T	R,S,U,D
	0.7	S02-676	S03-676	R,S,U,D	0.7	S03-676NS	R,S,U,D	0.7	S02-676T	S03-676T	R,S,U,D
	1.0	S02-677	S03-677	R,S,U,D	1.0	S03-677NS	R,S,U,D	1.0	S02-677T	S03-677T	R,S,U,D
	1.5	S02-678	S03-678	R,S,U,D	1.5	S03-678NS	R,S,U,D	1.5	S02-678T	S03-678T	R,S,U,D
 <p>8.75" (22.2cm) Length</p> <p>3.65" Working Length (9.3cm)</p> <p>Bayonet</p>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
	0.25	S02-680	S03-680	R,S,U,D	0.25	S03-680NS	R,S,U,D	0.25	S02-680T	S03-680T	R,S,U,D
	0.5	S02-681	S03-681	R,S,U,D	0.5	S03-681NS	R,S,U,D	0.5	S02-681T	S03-681T	R,S,U,D
	0.7	S02-682	S03-682	R,S,U,D	0.7	S03-682NS	R,S,U,D	0.7	S02-682T	S03-682T	R,S,U,D
	1.0	S02-683	S03-683	R,S,U,D	1.0	S03-683NS	R,S,U,D	1.0	S02-683T	S03-683T	R,S,U,D
	1.5	S02-685	S03-685	R,S,U,D	1.5	S03-685NS	R,S,U,D	1.5	S02-685T	S03-685T	R,S,U,D
 <p>10.75" (27.3cm) Length</p> <p>5.85" Working Length (14.9cm)</p> <p>Bayonet</p>	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Insulated	Features	Tip Size mm	Cat. No. Non-Insulated	Cat. No. Insulated	Features
	0.25	S02-695	S03-695	R,S,U,D	0.25	S03-695NS	R,S,U,D	0.25	S02-695T	S03-695T	R,S,U,D
	0.5	S02-696	S03-696	R,S,U,D	0.5	S03-696NS	R,S,U,D	0.5	S02-696T	S03-696T	R,S,U,D
	0.7	S02-697	S03-697	R,S,U,D	0.7	S03-697NS	R,S,U,D	0.7	S02-697T	S03-697T	R,S,U,D
	1.0	S02-698	S03-698	R,S,U,D	1.0	S03-698NS	R,S,U,D	1.0	S02-698T	S03-698T	R,S,U,D
	1.5	S02-699	S03-699	R,S,U,D	1.5	S03-699NS	R,S,U,D	1.5	S02-699T	S03-699T	R,S,U,D

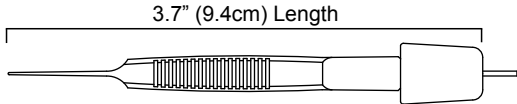
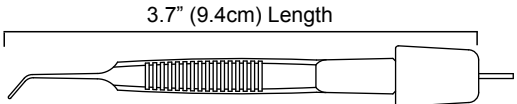
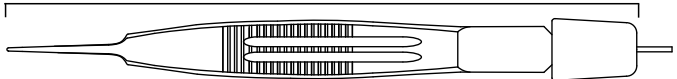
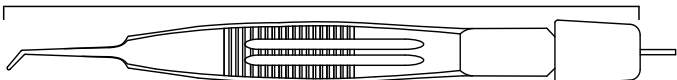
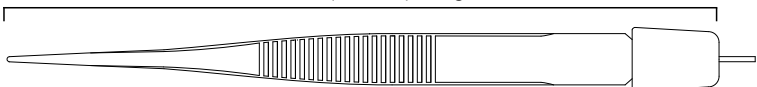


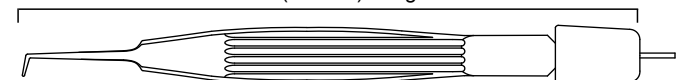











Ophthalmic Styles	Stainless Steel	Silver Alloy Tips	Titanium
<b>McPherson Straight</b> 	Tip Size mm 0.4 Cat. No. Non-Insulated S02-600 Cat. No. Insulated S03-600	Tip Size mm 0.4 Cat. No. Insulated S03-600NS	
<b>McPherson Angled</b> 	Tip Size mm 0.4 Cat. No. Non-Insulated S02-601 Cat. No. Insulated S03-601	Tip Size mm 0.4 Cat. No. Insulated S03-601NS	
<b>Shepard Straight</b> 	Tip Size mm 0.6 Cat. No. Non-Insulated S02-610 Cat. No. Insulated S03-610		
<b>Shepard Angled</b> 	Tip Size mm 0.6 Cat. No. Non-Insulated S02-611 Cat. No. Insulated S03-611		
<b>Eye Wide</b> 			Tip Size mm 0.4 Cat. No. Non-Insulated S02-612T Cat. No. Insulated S03-612T
<b>Eye Narrow</b> 			Tip Size mm 0.4 Cat. No. Non-Insulated S02-614T Cat. No. Insulated S03-614T
<b>Nadler Angled</b> 	Tip Size mm 0.4 Cat. No. Non-Insulated S02-615 Cat. No. Insulated S03-615		
<b>Torchia Angled</b> 	Tip Size mm 0.4 Cat. No. Non-Insulated S02-620 Cat. No. Insulated S03-620		

Available Tip Size in mm

0.4 0.6

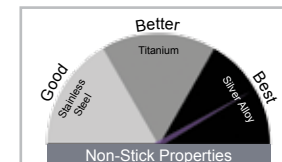


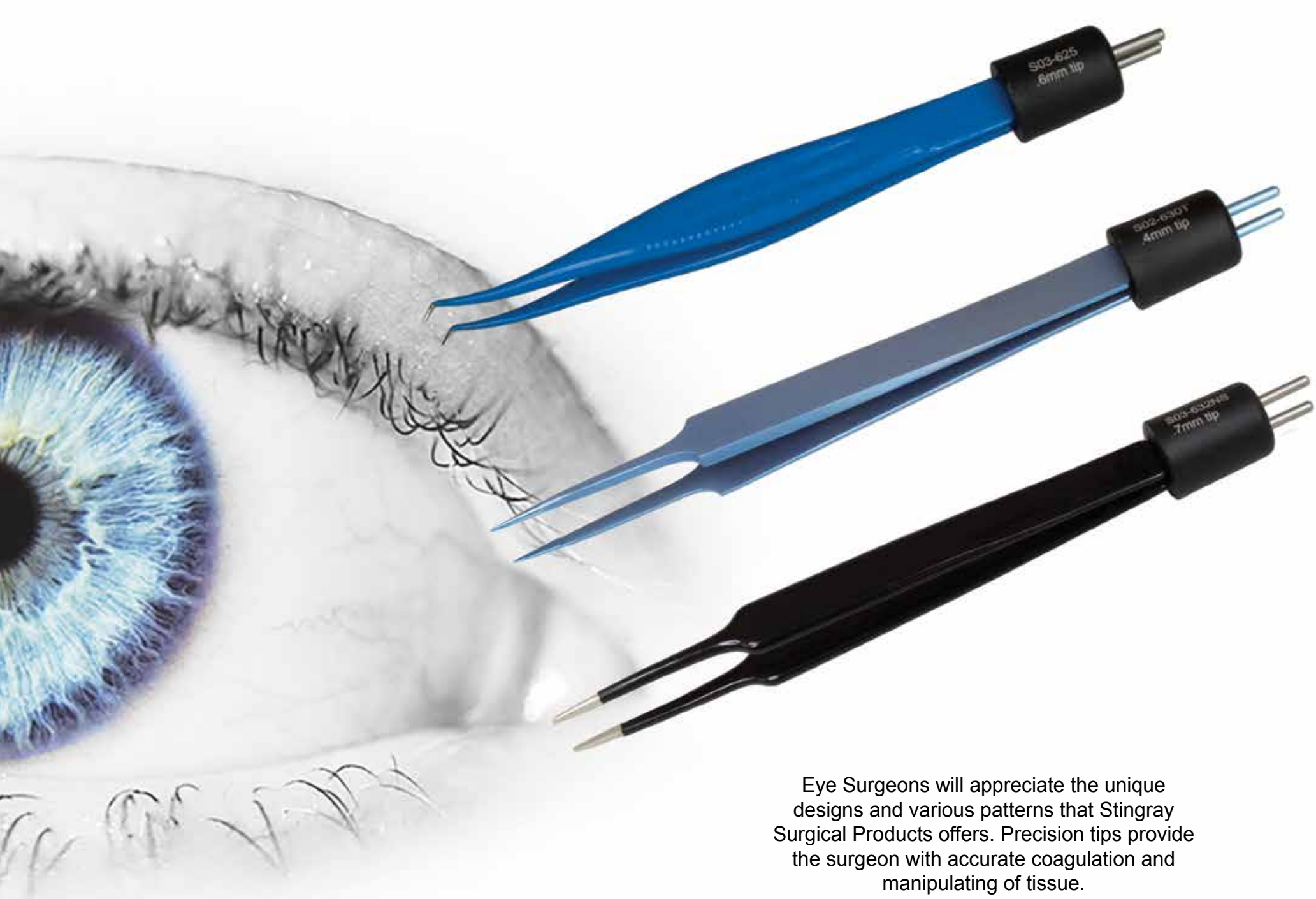
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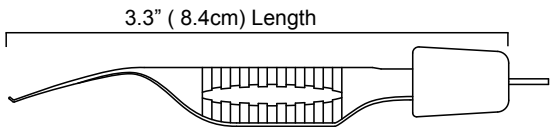
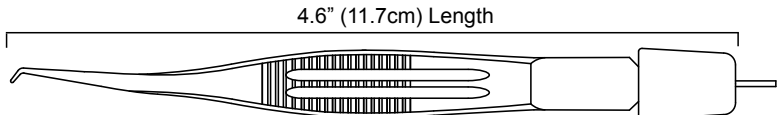
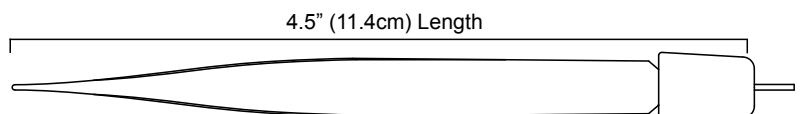
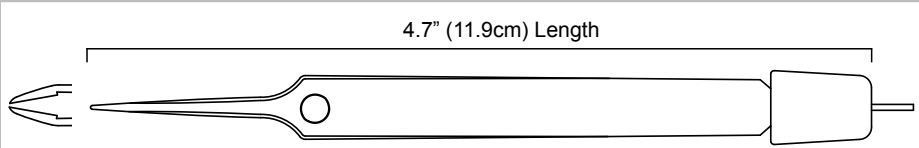
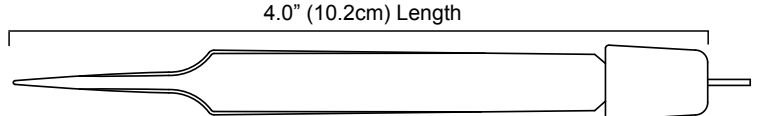
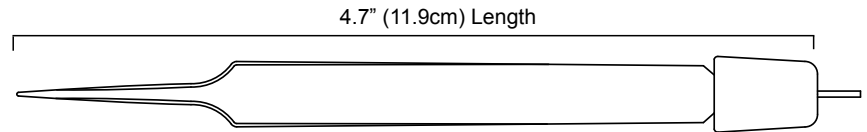
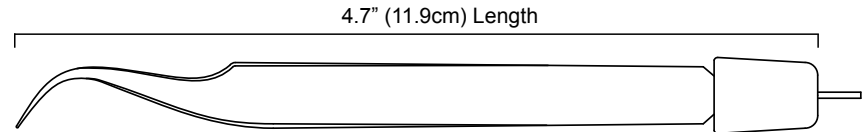
Non-Stick Titanium

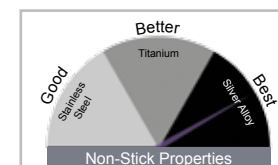
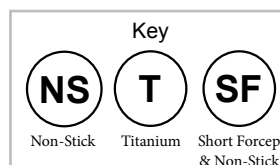
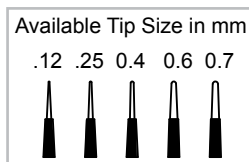




Eye Surgeons will appreciate the unique designs and various patterns that Stingray Surgical Products offers. Precision tips provide the surgeon with accurate coagulation and manipulating of tissue.



Ophthalmic Styles	Stainless Steel	Silver Alloy Tips	Titanium
<b>Colibri Angled</b> 	Tip Size mm 0.12 Cat. No. Non-Insulated S02-622 Cat. No. Insulated S03-622		
<b>Coaptation Angled</b> 	Tip Size mm 0.6 Cat. No. Non-Insulated S02-625 Cat. No. Insulated S03-625		
<b>McCullough Straight</b> 	Tip Size mm 0.4 Cat. No. Non-Insulated S02-626 Cat. No. Insulated S03-626		
<b>Tenzel with Stop</b> 	Tip Size mm 0.4 Cat. No. Non-Insulated S02-631 Cat. No. Insulated S03-631	Tip Size mm 0.4 Cat. No. Insulated S03-631NS	Tip Size mm 0.4 Cat. No. Non-Insulated S02-631T Cat. No. Insulated S03-631T
<b>Jewelers Straight</b> 		Tip Size mm 0.4 Cat. No. Insulated S03-630SF 0.7 S03-632SF	
<b>Jewelers Straight</b> 	Tip Size mm 0.25 Cat. No. Non-Insulated S02-628 0.4 S02-630 0.7 S02-632 Cat. No. Insulated S03-628 S03-630 S03-632	Tip Size mm 0.25 Cat. No. Insulated S03-628NS 0.4 S03-630NS 0.7 S03-632NS	Tip Size mm 0.4 Cat. No. Non-Insulated S02-630T Cat. No. Insulated S03-630T
<b>Jewelers Curved</b> 	Tip Size mm 0.4 Cat. No. Non-Insulated S02-629 Cat. No. Insulated S03-629	Tip Size mm 0.4 Cat. No. Insulated S03-629NS	



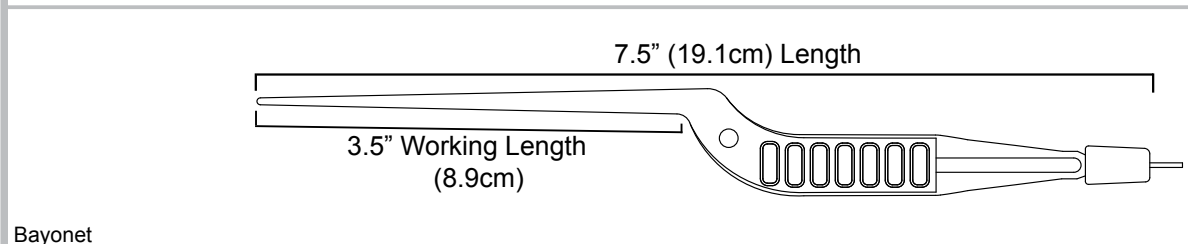




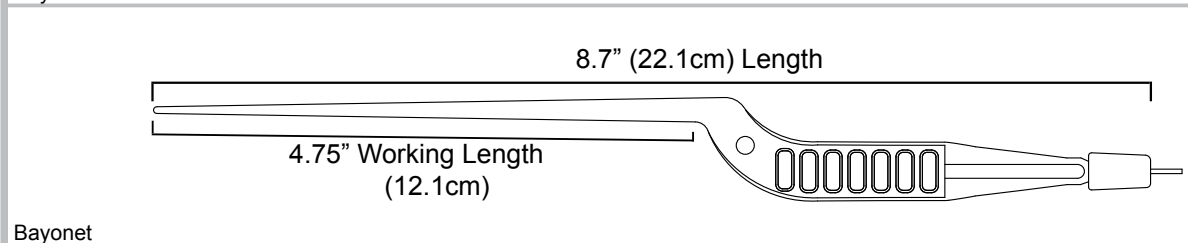


## Eco-Friendly

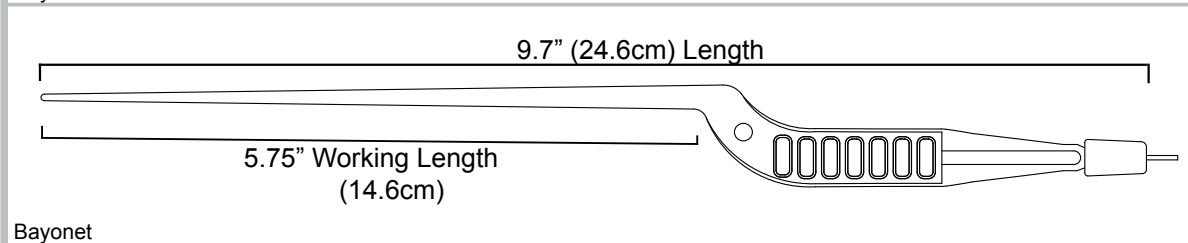
## Silver Alloy Tips



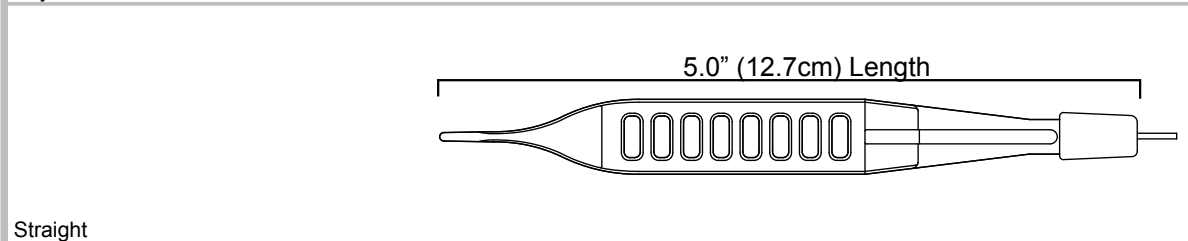
Tip Size mm	Cat. No. Insulated
0.5	S03-842EF
1.0	S03-845EF
1.5	S03-848EF



Tip Size mm	Cat. No. Insulated
0.5	S03-852EF
1.0	S03-855EF
1.5	S03-858EF

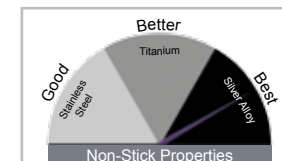
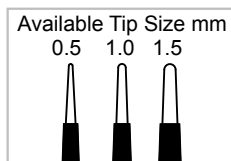


Tip Size mm	Cat. No. Insulated
0.5	S03-862EF
1.0	S03-865EF
1.5	S03-868EF



Tip Size mm	Cat. No. Insulated
1.0	S03-380EF

Eco-Friendly Reusable Bipolar Forceps are designed for today's hospitals and surgery centers concerned about cost containment. Stingray Surgical Products has developed these forceps to be lightweight, non-stick, included guide stops, and half the price of our traditional bipolar forceps. Ergonomic handles make Eco-Friendly Reusable Bipolar Forceps the choice of surgeons throughout the world. Pricing for the future of healthcare. **Available in green only.**



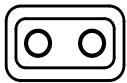



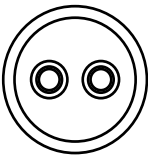



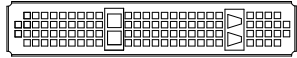

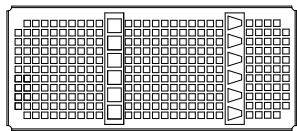
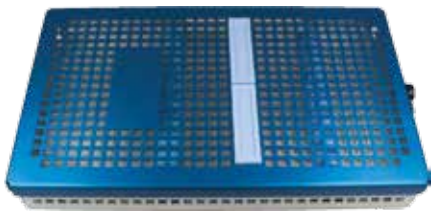
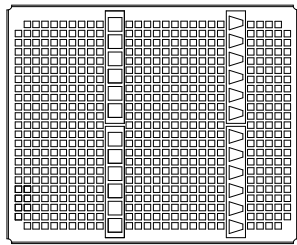
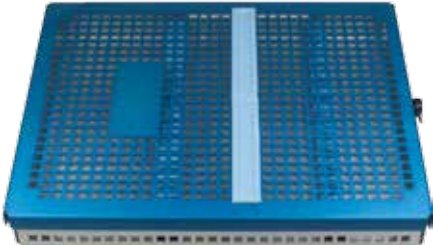




## Cables and Trays

## Description

## Part Numbers

  <p>Reusable TPR Straight</p>	<p>Reusable TPR (Thermoplastic Rubber) bipolar cables 12', straight connection, universal 2 pin fitting, fits 4mm banana-plug style generators *Good for steam sterilization</p>	<p>Catalog No. S04-700</p>
  <p>Reusable TPR Angled 45</p>	<p>Reusable TPR (Thermoplastic Rubber) bipolar cables 12', 45 degree connection, universal 2 pin fitting, fits 4mm banana-plug style generators *Good for steam sterilization</p>	<p>Catalog No. S04-701</p>
  <p>Reusable Silicone Angled 45</p>	<p>Reusable silicone bipolar cable 10', 45 degree boot fitting connection, universal 2 pin fitting, fits 4mm banana-plug style generators *Excellent for steam sterilization</p>	<p>Catalog No. S04-705</p>
  <p>Disposable PVC Straight</p>	<p>Disposable PVC Polyvinyl Chloride bipolar cable 12', straight connection, universal 2 pin fitting, fits 4mm banana-plug style generators *Single use only</p>	<p>Catalog No. S04-800</p>
  <p>2 Position Tray</p>	<p>2 Position Tray W 2.125" (5.4cm) L 12" (30.5cm) H 1.5" (3.8cm)</p>	<p>Catalog No. S04-1002</p>
  <p>6-8 Position Tray</p>	<p>6-8 Position Tray W 7.25" (18.4cm) L 12" (30.5cm) H 1.5" (3.8cm)</p>	<p>Catalog No. S04-1008</p>
  <p>12 Position Tray</p>	<p>12 Position Tray W 11.25" (28.6cm) L 12" (30.5cm) H 1.5" (3.8cm)</p>	<p>Catalog No. S04-1012</p>



The purpose of this catalog is to demonstrate the scope of medical devices offered by Stingray Surgical Products. Regulatory and medical practices that govern individual markets may limit product availability in your region. To insure proper handling and use of Stingray Surgical Products, refer to the instructions of use.

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