



Since its introduction in 1998, the **Midas Touch™** Non-Stick Cermet (Ceramic Metallic) Coating has maintained its position as a standard of unprecedented innovation in non-stick electrosurgical technology.

- Minimizes tissue adherence
- Maintains a smooth surface to reduce tissue sticking and enable lower-power settings
- Reduces the need for repeated cleaning of the tips' surface
- Hardness of the Cermet coating, as compared to silver or gold, is designed to maintain the instrument's non-stick properties

Our portfolio includes a full-range of Midas Touch™ non-stick, single-use and reusable bipolar forceps, reusable irrigating bipolar forceps, along with state-of-the-art, skilled instrument repair.

A close-up photograph of several blue surgical forceps. The forceps are arranged in a way that shows their tips, which are coated with a gold-colored Cermet coating. The background is dark, making the blue handles and gold tips stand out.

**Midas Touch™ Non-Stick  
Cermet Coating**

# Midas Touch™ Non-Stick Cermet Coating

## Minimizes tissue adherence

Symmetry Surgical's **Midas Touch™** Non-Stick Cermet Coating is an inert composite bound to the bipolar forceps tips through a molecular bond, which exhibits a low-friction coefficient. This creates a smooth, highly-conductive surface that is unreactive in the carburizing environment present during electrosurgery, thus reducing the occurrence of tissue adherence. The combination of our **Midas Touch™** Non-Stick Cermet Coating with the high thermal conductivity of the substrate's metal core, which efficiently dissipates the heat of the tip surface, works to reduce tissue sticking.

## Enables lower power settings

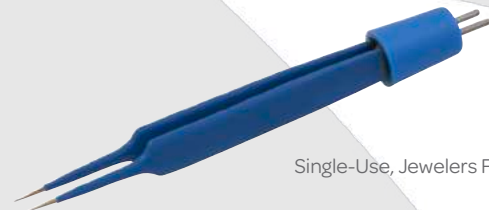
The **Midas Touch™** Non-Stick Coating maintains a smooth, highly-conductive surface, enabling the use of lower power settings, which may reduce tissue damage caused by thermal spread, eschar buildup and the production of noxious smoke.

## Single-Use Bipolar Forceps

Single-use products may help you reduce the costs of handling, sterilization and repair required due to scissoring of tips or impedance in the connecting pins.



Single-Use, Bayonet Forceps



Single-Use, Jewelers Forceps

## Midas Touch™ Single-Use Bipolar Forceps

### Standard Angle Bayonet Forceps, Single-Use, Bipolar 6-1/4 in (15.9 cm), Insulated, 5/box

CODE	TIP	WORKING LENGTH
20-1315IMT	0.5 mm	2-3/4 in (7.0 cm)
20-1320IMT	0.75 mm	2-3/4 in (7.0 cm)
20-1325IMT	1.0 mm	2-3/4 in (7.0 cm)
20-1330IMT	1.5 mm	2-3/4 in (7.0 cm)

### 7-1/8" (18.1 cm), Insulated, 5/box

20-1370IMT	1.5 mm	2-3/4 in (7.0 cm)
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### 7-1/2 in (19.1 cm), Insulated, 5/box

20-1386IMT	0.5 mm	3.0 in (7.6 cm)
20-1384IMT	0.75 mm	3.0 in (7.6 cm)
20-1382IMT	1.0 mm	3.0 in (7.6 cm)
20-1380IMT	1.5 mm	3.0 in (7.6 cm)

### Standard Angle Bayonet Forceps, Single-Use, Bipolar 8-1/4 in (21.0 cm), Insulated, 5/box

CODE	TIP	WORKING LENGTH
20-1420IMT	0.5 mm	4-1/4 in (10.8 cm)
20-1400IMT	0.75 mm	4-1/4 in (10.8 cm)
20-1440IMT	1.0 mm	4-1/4 in (10.8 cm)
20-1410IMT	1.5 mm	4-1/4 in (10.8 cm)
20-1415IMT	2.0 mm	4-1/4 in (10.8 cm)

### 10-1/2 in (26.7 cm), Insulated, 5/box

20-1480IMT	1.0 mm	6-1/4 in (15.9 cm)
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### 10-1/2 in (26.7 cm), Insulated, Angled Up 20°, 5/box

20-1682IMT	1.0 mm	3.0 in (7.6 cm)
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### Jewelers Forceps, Single-Use, Bipolar 4-1/2 in (11.4 cm), Insulated, Smooth Tips, 5/box

20-1060IMT	Micro Tip	
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### Adson Forceps, Single-Use, Bipolar 5 in (12.7 cm), Insulated, Smooth Tips, 5/box

20-1082IMT	1.0 mm	
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### Semkin Forceps, Single-Use, Bipolar 5-3/4 in (14.6 cm), Insulated, Smooth Tips, 5/box

20-1090IMT	0.75 mm	
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# Midas Touch™ Non-Stick Cermet Coating

## Reusable Bipolar Forceps

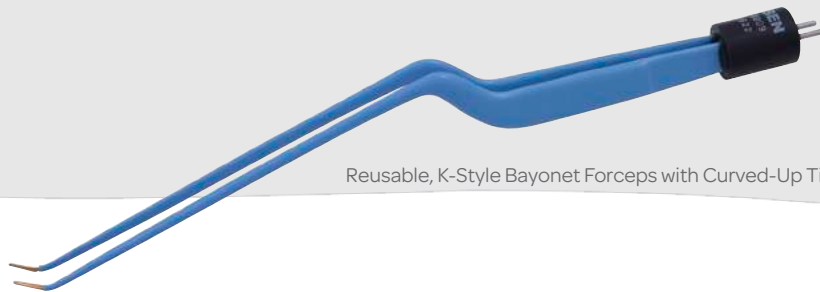
### Reduces the need for repeated cleaning of the tips surface

Imparts a finish harder and more scratch resistant than noble metals like Au and Ag. Because tissue build-up is increased by rough surfaces, the hardness property helps reduce tissue sticking.

### Maintains non-stick properties through the life of the instrument

The scratch-resistant coating maintains tip smoothness through successive surgeries and autoclaving of our reusable **Midas Touch™** bipolar forceps & irrigators, providing reliable non-stick performance through the life of the instrument\*.

\*Hardness of Midas Touch™ Non-Stick Cermet Coating: 21.6 (GPa). Data on file. Hardness of Ag and Au: 0.3 GPa - 0.5 GPa. Bhushan, Bharat. Modern Tribology Handbook, Vol. 1. 1949



Reusable, K-Style Bayonet Forceps with Curved-Up Tips

## Midas Touch™ Reusable Bipolar Forceps

### Bayonet Forceps, Reusable, Bipolar 7-3/4 in (19.7 cm), Insulated

CODE	TIP	WORKING LENGTH
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90-7004	0.5 mm	3-5/9 in (9.2 cm)
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90-7000	0.75 mm	3-5/9 in (9.2 cm)
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90-7005	1.0 mm	3-5/9 in (9.2 cm)
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90-7001	1.5 mm	3-5/9 in (9.2 cm)
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90-7006	2.0 mm	3-5/9 in (9.2 cm)
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### 8-5/8 in (21.9 cm), Insulated

90-8012	0.5 mm	4-3/8 in (11.4 cm)
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90-8000	0.75 mm	4-3/8 in (11.4 cm)
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90-8013	1.2 mm	4-3/8 in (11.4 cm)
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90-8001	1.5 mm	4-3/8 in (11.4 cm)
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90-8003	2.0 mm	4-3/8 in (11.4 cm)
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### 10-1/2 in (26.7 cm), Insulated

90-9008	0.5 mm	6-1/4 in (15.9 cm)
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90-9007	0.75 mm	6-1/4 in (15.9 cm)
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90-9006	1.2 mm	6-1/4 in (15.9 cm)
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90-9005	1.5 mm	6-1/4 in (15.9 cm)
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90-9009	2.0 mm	6-1/4 in (15.9 cm)
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### Jewelers Forceps, Reusable, Bipolar 4-5/8 in (11.7 cm), Insulated, Smooth Tips

90-1000	Micro	
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### Adson Forceps, Reusable, Bipolar 5 in (12.7 cm), Insulated, Smooth Tips

90-2001	0.5 mm	
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90-2000	1.0 mm	
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90-2002	1.5 mm	
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### Semkin Forceps, Reusable, Bipolar 5-3/4 in (14.6 cm), Insulated, Smooth Tips

90-3000	0.75 mm	5-3/4 in (14.6 cm)
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90-3005	1.2 mm	5-3/4 in (14.6 cm)
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90-3001	1.5 mm	5-3/4 in (14.6 cm)
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### K-Style Standard Angle Bayonet Forceps, Reusable, Bipolar

#### 8-5/8 in (21.9 cm), Insulated Straight

90-8015	0.5 mm	4-1/2 in (11.4 cm)
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90-8016	0.75 mm	4-1/2 in (11.4 cm)
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90-8006	1.0 mm	4-1/2 in (11.4 cm)
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#### 8-5/8 in (21.9 cm), Insulated Curved Up

90-8017	0.5 mm	4-1/2 in (11.4 cm)
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90-8018	0.75 mm	4-1/2 in (11.4 cm)
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90-8007	1.0 mm	4-1/2 in (11.4 cm)
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#### 9-1/2 in (22.9 cm), Insulated Straight

90-9507	0.5 mm	5-1/8 in (13.0 cm)
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90-9509	0.75 mm	5-1/8 in (13.0 cm)
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### K-Style Standard Angle Bayonet Forceps, Reusable, Bipolar 9-1/2 in (22.9 cm), Insulated Straight

90-9501	1.0 mm	5-1/8 in (13.0 cm)
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90-9500	1.5 mm	5-1/8 in (13.0 cm)
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#### 9-1/2 in (22.9 cm), Insulated Curved Up

90-9509	0.5 mm	5-1/8 in (13.0 cm)
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90-9510	0.75 mm	5-1/8 in (13.0 cm)
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90-9502	1.0 mm	5-1/8 in (13.0 cm)
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#### Curved Down

90-9503	1.0 mm	5-1/8 in (13.0 cm)
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#### 10-1/2 in (25.4 cm), Insulated Straight

90-9001	1.0 mm	6-1/4 in (15.9 cm)
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90-9000	1.5 mm	6-1/4 in (15.9 cm)
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### K-Style Acute Angle Bayonet Forceps, Reusable, Bipolar 8-5/8 in (21.9 cm), Insulated Straight

90-8008	1.0 mm	4-1/2 in (11.4 cm)
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90-8009	1.0 mm	4-1/2 in (11.4 cm)
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#### Curved Up

90-8009	1.0 mm	4-1/2 in (11.4 cm)
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#### 9-1/2 in (22.9 cm), Insulated Straight

90-9504	1.0 mm	5-1/8 in (13.0 cm)
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#### Curved Up

90-9505	1.0 mm	5-1/8 in (13.0 cm)
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#### Curved Down

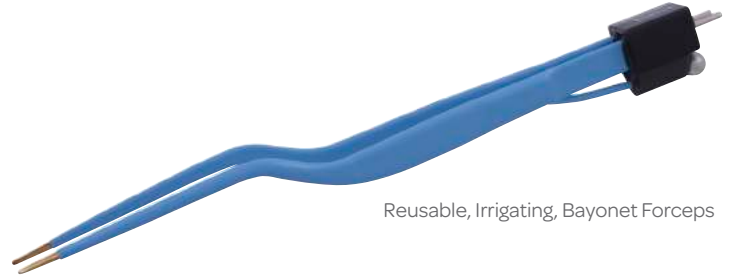
90-9506	1.0 mm	5-1/8 in (13.0 cm)
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# Midas Touch™ Non-Stick Cermet Coating

## Reusable Irrigating Bipolar Forceps

The advantages of the Midas Touch™ Non-Stick Cermet Coating coupled with the additional benefits of Integrated Irrigation:

- Ensures that the surgical field of vision stays clean and clear – reducing procedure interruptions
- Minimizes the risks of tissue desiccation during coagulation
- Further reduces tissue sticking



Reusable, Irrigating, Bayonet Forceps

### Midas Touch™ Reusable Irrigating Bipolar Forceps

#### Bayonet Forceps, Reusable, Bipolar, Irrigating 6-1/4 in (15.9 cm), Insulated

CODE	TIP	WORKING LENGTH
10-0321IMT	0.75 mm	2-3/4 in (7.0 cm)
10-0331IMT	1.0 mm	2-3/4 in (7.0 cm)
10-0341IMT	1.5 mm	2-3/4 in (7.0 cm)
<b>7-3/4 in (19.7 cm), Insulated</b>		
10-0351IMT	0.5 mm	3-5/8 in (9.2 cm)
10-0361IMT	0.75 mm	3-5/8 in (9.2 cm)
10-0371IMT	1.0 mm	3-5/8 in (9.2 cm)
10-0381IMT	1.5 mm	3-5/8 in (9.2 cm)
10-0391IMT	2.0 mm	3-5/8 in (9.2 cm)

#### Bayonet Forceps, Reusable, Bipolar, Irrigating 8-5/8 in (21.9 cm), Insulated

CODE	TIP	WORKING LENGTH
10-0401IMT	0.5 mm	6-1/4 in (15.9 cm)
10-0411IMT	0.75 mm	6-1/4 in (15.9 cm)
10-0421IMT	1.0 mm	6-1/4 in (15.9 cm)
10-0431IMT	1.5 mm	6-1/4 in (15.9 cm)
10-0441IMT	2.0 mm	6-1/4 in (15.9 cm)
<b>10-1/2 in (26.7 cm), Insulated</b>		
10-0461IMT	0.5 mm	4-3/8 in (11.4 cm)
10-0471IMT	0.75 mm	4-3/8 in (11.4 cm)
10-0481IMT	1.0 mm	4-3/8 in (11.4 cm)
10-0491IMT	1.5 mm	4-3/8 in (11.4 cm)
10-0493IMT	2.0 mm	4-3/8 in (11.4 cm)

#### Bayonet Forceps, Reusable, Bipolar, Irrigating 10-1/2 in (26.7 cm), Insulated, No Stops

CODE	TIP	WORKING LENGTH
10-0561IMT	0.5 mm	6-1/4 in (15.9 cm)
10-0571IMT	0.75 mm	6-1/4 in (15.9 cm)
10-0581IMT	1.0 mm	6-1/4 in (15.9 cm)
10-0591IMT	1.5 mm	6-1/4 in (15.9 cm)
10-0593IMT	2.0 mm	6-1/4 in (15.9 cm)
<b>Adson Forceps, Reusable, Bipolar, Irrigating 5 in (12.7 cm), Insulated, Smooth Tips</b>		
10-0201IMT	0.5 mm	
10-0200IMT	1.0 mm	
<b>Semkin Forceps, Reusable, Bipolar, Irrigating 5-1/2 in (14.0 cm), Insulated, Smooth Tips</b>		
10-0211IMT	0.75 mm	

### Bipolar Cords & Tubing

CODE	DESCRIPTION	QTY
40-1102	12 ft (3.6 M) Bipolar Cord, Single-Use, Twin Pin Generator Plug, Sterile	10/box
40-1103	12 ft (3.6 M) Bipolar Cord, Single-Use, Twin Pin Generator Plug, Sterile	50/box
40-1105-28	12 ft (3.6 M) Bipolar Cord, Single-Use, 28 mm Fixed Pin Generator Plug, Sterile	10/box
40-1105-39	12 ft (3.6 M) Bipolar Cord, Single-Use, 39 mm Fixed Pin Generator Plug, Sterile	10/box
40-1114	12 ft (3.6 M) Bipolar Cord, Single-Use, Wolf-Style Generator Plug, Sterile	10/box
40-3001R	12 ft (3.6 M) Integrated Irrigation Tubing & Bipolar Cord Set, Single-Use, On/Off Clamp, Rotary Pump, Sterile	10/box
40-3003R-39	12 ft (3.6 M) Integrated Irrigation Tubing & Bipolar Cord Set, Single-Use, On/Off Clamp, Rotary Pump, 39 mm Fixed Pin Generator Plug, Sterile	10/box
87000	12 ft (3.6 M) Bipolar Cord, Reusable, Twin Pin Generator Plug, Shrouded Connector	1 each
50-1105S	12 ft (3.5 M) Bipolar Cord, Reusable, Twin Pin Generator Plug, Angled Connector	1 each
50-1106-28	12 ft (3.6 M) Bipolar Cord, Reusable, 28 mm Fixed Pin Generator Plug, Angled Connector	1 each

