

 **KIRVAN**[®]
SURGICAL PRODUCTS LLC



Lawrence T. Kirwan, Sr.
Founder

DEVELOPING FINE SURGICAL PRODUCTS SINCE 1979

Lawrence T. Kirwan, Sr., a graduate of Boston Technical High School, who went on to Northeastern University, had a keen interest in mechanical engineering. That interest brought him to Codman & Shurtleff, Inc., a manufacturer of general and specialty surgical instruments and equipment. After 29 years at Codman, Mr. Kirwan decided to start his own company.

In November, 1979, New England Surgical Instruments was started by Mr. Kirwan and his wife, Jean. New England Surgical Instruments manufactured surgical instruments for microsurgical specialties such as neurosurgery, ophthalmology, and ear, nose and throat. Initially, the company was run from the basement of Mr. and Mrs. Kirwan's home in Duxbury, Massachusetts. After a year of having employees coming in and

out of their house, the Kirwans decided it was time to move to a bigger facility.

In 1980, New England Surgical Instruments moved to an old shoe factory in Rockland, Massachusetts. It was there, in 1989, that New England Surgical Instruments became Kirwan Surgical Products, Inc. The new name helped the company distinguish itself from others and emphasize that Kirwan is a family owned and operated business.

Kirwan Surgical Products continued its success and growth. Seventeen years and many more employees later, Kirwan outgrew the Rockland facility as well.

After many years of renting space at the Rockland, Massachusetts headquarters, the Kirwans built their own 30,000 square foot custom designed manufacturing facility in the seaside town of Marshfield, Massachusetts. Sadly, Lawrence T. Kirwan Sr. passed away before he could see his magnificent facility come to completion.

And Kirwan continues to grow. Construction was completed in September, 2002, expanding the facility by 20,000 square feet, bringing Kirwan's headquarters to 50,000 square feet.



OUR MISSION

Kirwan Surgical Products LLC is dedicated to creating and developing superior products for demanding microsurgical specialties such as neurosurgery, ophthalmology, ear, nose and throat, plastic and reconstructive surgery, and orthopaedic surgery. Our mission is to provide innovative high quality products at competitive prices. We continue to be an innovator in the field of electrosurgery and hold a number of patents on groundbreaking product designs and manufacturing techniques associated with the field.

BIPOLAR COAGULATORS 4-6

CORDS 8-13

Disposable Bipolar	9	Disposable & Reusable Monopolar	13
Reusable Bipolar	10-12	Cord Adapters	12
Coaxial	12		

BIPOLAR PRODUCTS 14-49

Scoville-Greenwood Forceps	15	Titanium AURA Forceps	26	IRRIGATING BIPOLAR FORCEPS	41-45
Cushing Forceps	16	Forceps w/ European Bladed Connector	27-28	Cushing Irrigating Bipolar Forceps	41
Gerald Forceps	16	Straight Forceps	29-31	Gerald Irrigating Bipolar Forceps	41
Hardy Forceps	17	Titanium Straight Forceps	32-33	Scoville-Greenwood Irrigating Bipolar Forceps	42
Yasargil Forceps	18-20	Over Molded Forceps	34-35	Hardy Irrigating Bipolar Forceps	42
3-Hole Yasargil Style Forceps	21	Liberty AURA Forcep	36-37	Yasargil Irrigating Bipolar Forceps	43-44
Malis Style Forceps	22-23	Liberty Forceps	38-40	Malis Style Irrigating Bipolar Forceps	45
Round Handle Forceps	24			Bipolar Pencils	47-49
MIS Style Forceps	25				
Reverse Action Style Forceps	25				

MONOPOLAR PRODUCTS 50-53

Bayonet Monopolar Forceps	51-52
Straight Monopolar Forceps	52
Handswitch Forceps	53

MICRODISSECTION NEEDLES, ELECTRODES AND HANDLES 54-57

Microdissection Needles	55-56
Electrodes	57
Chuck Handles	57
Cut and Coag Pencil	57

SUCTION COAGULATORS 58-59

Bipolar Suction Coagulators	59
Monopolar Suction Coagulators	59

MISCELLANEOUS 60-65

VA Handpieces	61	Cranio Blade	63
Fukuda Retractor	62	Manifold Tubing Sets	63
Bankart Sets	62	Battery Cauteries	64
Wire Pass Drill	63	Sterilization Trays	20, 65

INDEX 66-68

LEGEND

AU AURA Elite Non-stick	NS Non-stick	SS Stainless Steel	Ti Titanium
IN Insulated	 Irrigated	 Do Not Re-use	

BIPOLAR COAGULATORS

Kirwan Surgical's AURA™ line of coagulators include a 20-watt bipolar coagulator, a 70-watt bipolar coagulator and a 70-watt bipolar coagulator with irrigation pump.

Also complementing Kirwan Surgical's line of bipolar coagulators is the Coa-Comp 40-watt unit that is ideal for any surgical environment that demands precise bipolar coagulation.





26-2500

ITEM #	DESCRIPTION
26-2500	Aura 110/220V 20W bipolar coagulator with footswitch
26-2500P	Complete package includes: 26-2500 Aura 20W bipolar coagulator, 2 boxes of disposable cords, 1 reusable forceps



28-1900

28-1900	COA-COMP® 110/220V 40W bipolar coagulator with footswitch
---------	---

5 BIPOLAR COAGULATORS



28-2600

ITEM #	DESCRIPTION	FEATURES
28-2000	Aura 70W bipolar coagulator with footswitch	
28-2000P	Complete package includes: 28-2000 Aura 70W bipolar coagulator, 2 Aura non-irrigating forceps, a 2-forceps instrument tray, 2 boxes of disposable bipolar cords 1 rolling generator stand	
28-2600	Aura Plus 110/220V 70W bipolar irrigating coagulator with footswitch	💧
28-2600P	Complete package includes: 28-2600 Aura 70W bipolar irrigating coagulator, 2 Aura irrigating forceps, a 2-forceps instrument tray, 2 boxes of irrigating tubing sets, 1 rolling generator stand	💧

ITEM #	DESCRIPTION
10-9070	Generator stand for 70W bipolar coagulators







CORDS


Since 1979, Kirwan Surgical Products LLC has built its reputation by manufacturing superior quality electro-surgical accessories.


Kirwan Surgical cords, renowned for their flexibility, suppleness and durability, are unsurpassed in the industry.


DISPOSABLE BIPOLAR CORDS





ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4000	12' (3.6m)	Disposable bipolar cord sterile green	




ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4000V	12' (3.6m)	Disposable bipolar cord with fixed pins, 28.6mm, sterile green	



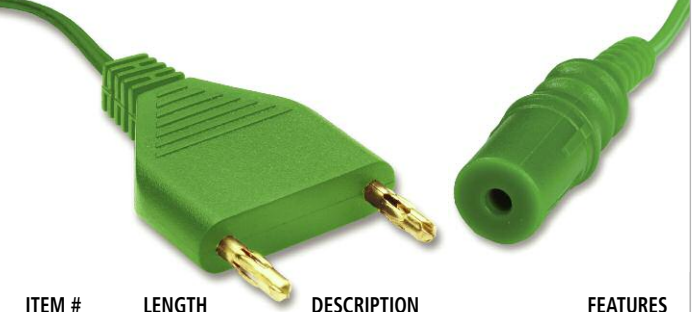
ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4001	12' (3.6m)	Disposable bipolar cord sterile clear	




ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4001V	12' (3.6m)	Disposable bipolar cord with fixed pins, 28.6mm, sterile clear	




ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4005	12' (3.6m)	Disposable Kleppinger bipolar cord (for Kleppinger forceps and banana pins)	







ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4005V	12' (3.6m)	Disposable Kleppinger bipolar cord (for Kleppinger forceps and fixed banana pins, 28.6mm)	




ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4006	12' (3.6m)	Disposable Kleppinger bipolar cord (for Kleppinger forceps and Wolf generator)	




ITEM #	DESCRIPTION	FEATURES
10-4601	Disposable bipolar irrigation tube and cord assembly	
10-4602	Disposable bipolar irrigation tube and cord assembly - M1000 type	
10-4611	Disposable dual irrigation bipolar cord assembly	




ITEM #	LENGTH	DESCRIPTION
10-5000	12' (3.6m)	Reusable TPR bipolar cord (Thermoplastic rubber)




ITEM #	LENGTH	DESCRIPTION
10-5000V	12' (3.6m)	Reusable TPR bipolar cord with fixed pins, 28.6mm




ITEM #	LENGTH	DESCRIPTION
10-6000	12' (3.6m)	Reusable silicone bipolar cord



ITEM #	LENGTH	DESCRIPTION
10-6000V	12' (3.6m)	Reusable silicone bipolar cord with fixed pins, 28.6mm



ITEM #	LENGTH	DESCRIPTION
10-6002	12' (3.6m)	Reusable silicone bipolar scissors cord



ITEM #	LENGTH	DESCRIPTION
10-6005	12' (3.6m)	Reusable Kleppinger bipolar cord (for Kleppinger forceps and banana pins)




ITEM #	LENGTH	DESCRIPTION
10-6005V	12' (3.6m)	Reusable Kleppinger bipolar cord (for Kleppinger forceps and fixed banana pins, 28.6mm)



ITEM #	LENGTH	DESCRIPTION
10-6006	12' (3.6m)	Reusable Kleppinger bipolar cord (for Kleppinger forceps and Wolf generator)


REUSABLE BIPOLAR CORDS




ITEM #	LENGTH	DESCRIPTION
10-6010	12' (3.6m)	Reusable silicone bipolar cord w/ Lemo plug (for Storz-type Daisy)



ITEM #	LENGTH	DESCRIPTION
10-6011	12' (3.6m)	Reusable silicone bipolar cord w/ Lemo plug (for Storz-type Premier)




ITEM #	LENGTH	DESCRIPTION
10-6012	12' (3.6m)	Reusable silicone bipolar cord with 2 Lemo plugs




ITEM #	LENGTH	DESCRIPTION
10-6020	12' (3.6m)	Reusable silicone bipolar cord (with banana pins & bladed connector)




ITEM #	LENGTH	DESCRIPTION
10-6025	12' (3.6m)	Reusable silicone bipolar cord with booted forceps connector (for Wolf/Martin)



ITEM #	LENGTH	DESCRIPTION
10-6050	12' (3.6m)	Reusable silicone bipolar cord with Erbe-type/Storz Millennum-type booted forceps connector



ITEM #	LENGTH	DESCRIPTION
10-6060	12' (3.6m)	Reusable silicone bipolar cord with Fischer plug




ITEM #	LENGTH	DESCRIPTION
10-6075	12' (3.6m)	Reusable silicone bipolar cord (for O.M.S.-type Phaco machine)
10-6076	6' (1.8m)	Reusable silicone bipolar cord (for O.M.S.-type Phaco machine)

REUSABLE BIPOLAR CORDS



ITEM #	LENGTH	DESCRIPTION
10-7001	12' (3.6m)	Reusable silicone bipolar handswitch cord



ITEM #	LENGTH	DESCRIPTION
10-7050	6'4" (1.9m)	Reusable blue silicone coaxial cord (for D.O.R.C.-type Phaco)

CORD ADAPTERS



10-6500
GE End

ITEM #	DESCRIPTION
10-6500	Reusable Bipolar Erbe-type/Storz-Millennium-type adapter (Erbe-type to banana pin)



ITEM #	DESCRIPTION
10-6575	Reusable O.M.S.-type Phaco machine adapter






ITEM #	DESCRIPTION
30-5110	Reusable monopolar suction coagulator adapter (banana pin to Bovie)
30-5205	Reusable monopolar suction coagulator adapter (Resectoscope to Bovie)





ITEM #	DESCRIPTION
30-5210	Reusable monopolar suction coagulator adapter (Resectoscope to banana pin)

DISPOSABLE MONOPOLAR CORDS




ITEM #	LENGTH	DESCRIPTION	FEATURES
30-1203	10' (3m)	Disposable monopolar endoscopic cord, sterile green w/ Kirwan plug	
30-1201	10' (3m)	Disposable monopolar endoscopic cord, sterile green w/ straight Kirwan plug	



ITEM #	LENGTH	DESCRIPTION	FEATURES
30-1204	10' (3m)	Disposable monopolar endoscopic cord, sterile green w/ Kirwan plug and banana pin	



ITEM #	LENGTH	DESCRIPTION	FEATURES
30-1208	10' (3m)	Disposable monopolar endoscopic cord, sterile green w/ Luer connector	

REUSABLE MONOPOLAR CORDS



ITEM #	LENGTH	DESCRIPTION
30-1000	10' (3m)	Reusable silicone monopolar cord with Kirwan plug



ITEM #	LENGTH	DESCRIPTION
30-1205	10' (3m)	Reusable silicone monopolar endoscopic cord with Kirwan plug



ITEM #	LENGTH	DESCRIPTION
30-1206	10' (3m)	Reusable silicone monopolar endoscopic cord with Kirwan plug & banana pin

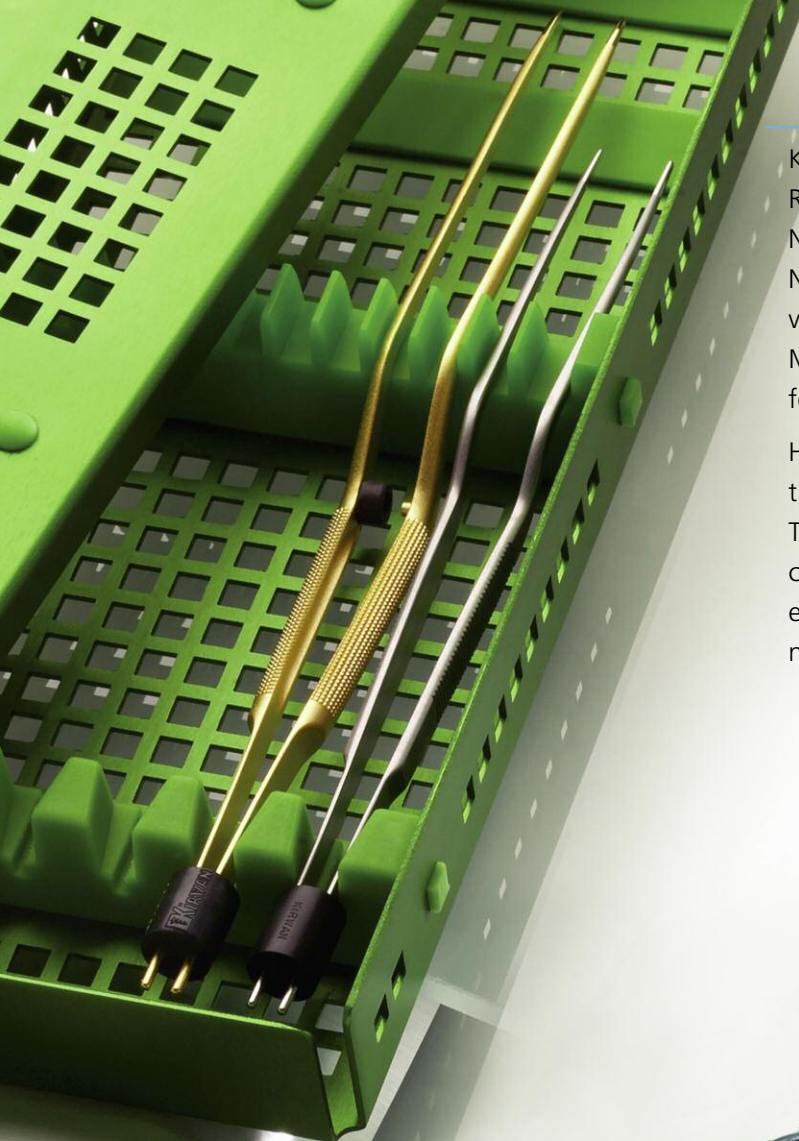


ITEM #	LENGTH	DESCRIPTION
30-3003	10' (3m)	Reusable silicone monopolar cord with banana pins

BIPOLAR PRODUCTS

Kirwan Surgical offers a variety of bipolar forceps styles: Reusable, Disposable, Bayonet, Straight, Stainless Steel, Non-Stick, Titanium, Insulated, Non-Insulated, Irrigating, Non-Irrigating, With Stops, Without Stops and with various tip styles, tip angles and working lengths. Most features can be interchanged to customize the forceps to suit the surgeon's needs.

Highlighting Kirwan Surgical's bipolar product line is the AURA™ line of elite non-stick bipolar forceps. The AURA™ line of elite non-stick forceps represents the culmination of 15 years of research and development and employ the physics of high conductivity to achieve the non-stick effect during coagulation.



Kirwan Surgical also offers repair and refurbishment services and can refurbish almost any manufacturer's bipolar and monopolar forceps.

SCOVILLE-GREENWOOD FORCEPS

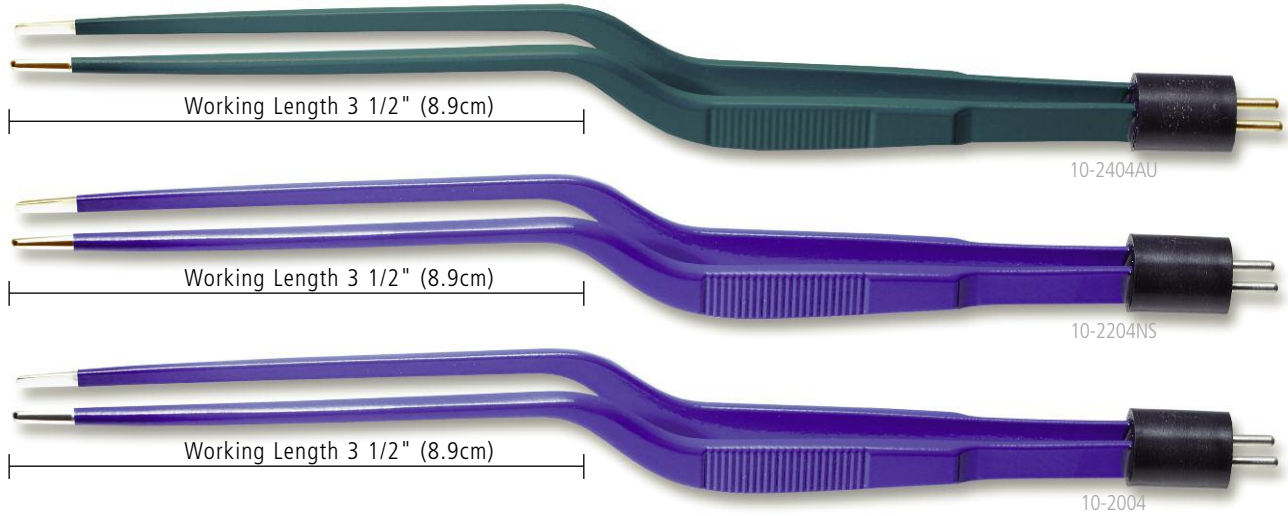


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1403AU	7 3/4" (19.7cm)	Scoville-Greenwood bayonet non-stick bipolar forceps, insulated	1.5mm	2 3/4"(7cm)	AU IN
10-1203NS	7 3/4" (19.7cm)	Scoville-Greenwood bayonet non-stick bipolar forceps, insulated	1.5mm	2 3/4"(7cm)	NS IN
10-1003	7 3/4" (19.7cm)	Scoville-Greenwood bayonet bipolar forceps, insulated	1.5mm	2 3/4"(7cm)	SS IN
10-1102AU	7 3/4" (19.7cm)	Scoville-Greenwood bayonet non-stick bipolar forceps	1.5mm	2 3/4"(7cm)	AU
10-1202NS	7 3/4" (19.7cm)	Scoville-Greenwood bayonet non-stick bipolar forceps	1.5mm	2 3/4"(7cm)	NS
10-1002	7 3/4" (19.7cm)	Scoville-Greenwood bayonet bipolar forceps	1.5mm	2 3/4"(7cm)	SS



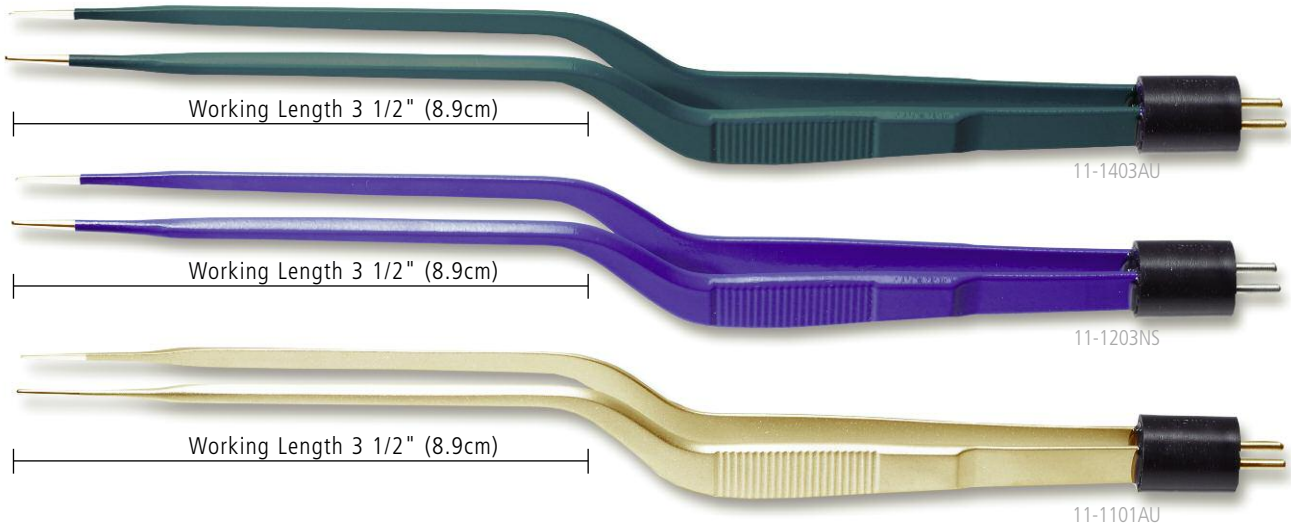
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1413AU	7 1/2" (19cm)	Tonsil bayonet non-stick bipolar forceps, insulated	1.5mm	2 1/2"(6.4cm)	AU IN
10-1213NS	7 1/2" (19cm)	Tonsil bayonet non-stick bipolar forceps, insulated	1.5mm	2 1/2"(6.4cm)	NS IN

CUSHING FORCEPS



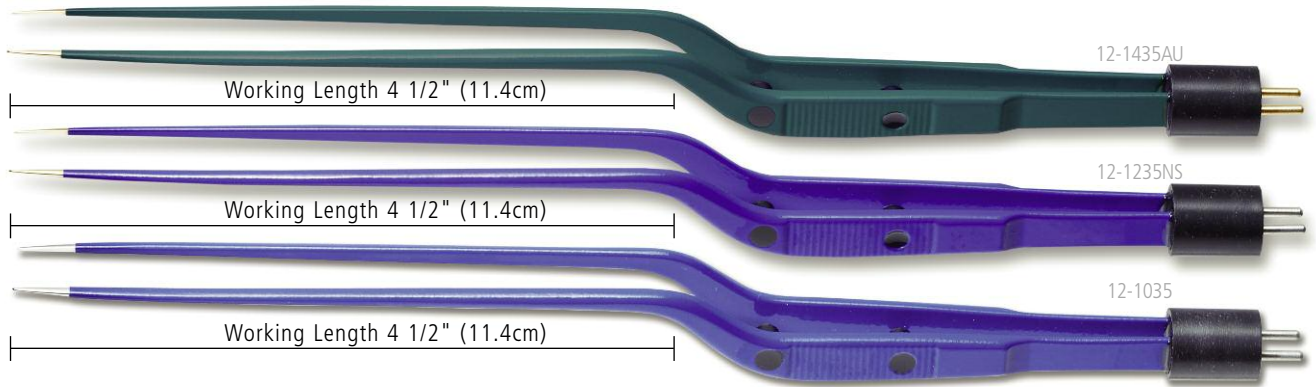
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-2404AU	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps, insulated	2.0mm	3 1/2" (8.9cm)	AU IN
12-1400AU	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps, insulated	0.7mm	3 1/2" (8.9cm)	AU IN
10-2204NS	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps, insulated	2.0mm	3 1/2" (8.9cm)	NS IN
12-1200NS	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps, insulated	0.7mm	3 1/2" (8.9cm)	NS IN
10-2004	7 1/2" (19cm)	Cushing bayonet bipolar forceps, insulated	2.0mm	3 1/2" (8.9cm)	SS IN
12-1000	7 1/2" (19cm)	Cushing bayonet bipolar forceps, insulated	0.7mm	3 1/2" (8.9cm)	SS IN

GERALD FORCEPS

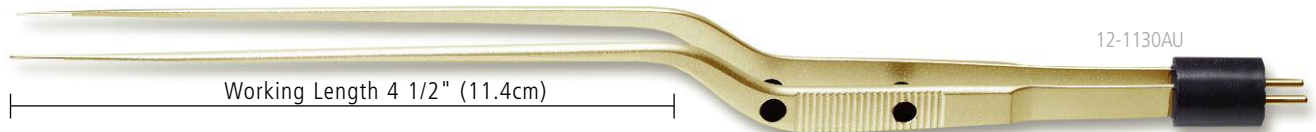


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
11-1403AU	7 1/2" (19cm)	Gerald bayonet non-stick bipolar forceps, insulated	1.0mm	3 1/2" (8.9cm)	AU IN
11-1203NS	7 1/2" (19cm)	Gerald bayonet non-stick bipolar forceps, insulated	1.0mm	3 1/2" (8.9cm)	NS IN
11-1003	7 1/2" (19cm)	Gerald bayonet bipolar forceps, insulated	1.0mm	3 1/2" (8.9cm)	SS IN
11-1101AU	7 1/2" (19cm)	Gerald bayonet non-stick bipolar forceps	1.0mm	3 1/2" (8.9cm)	AU
11-1201NS	7 1/2" (19cm)	Gerald bayonet non-stick bipolar forceps	1.0mm	3 1/2" (8.9cm)	NS
11-1001	7 1/2" (19cm)	Gerald bayonet bipolar forceps	1.0mm	3 1/2" (8.9cm)	SS

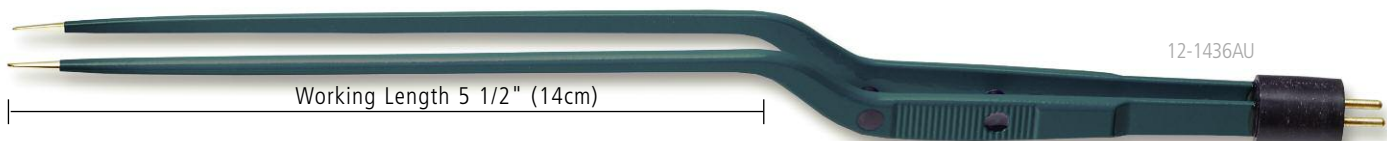
HARDY FORCEPS



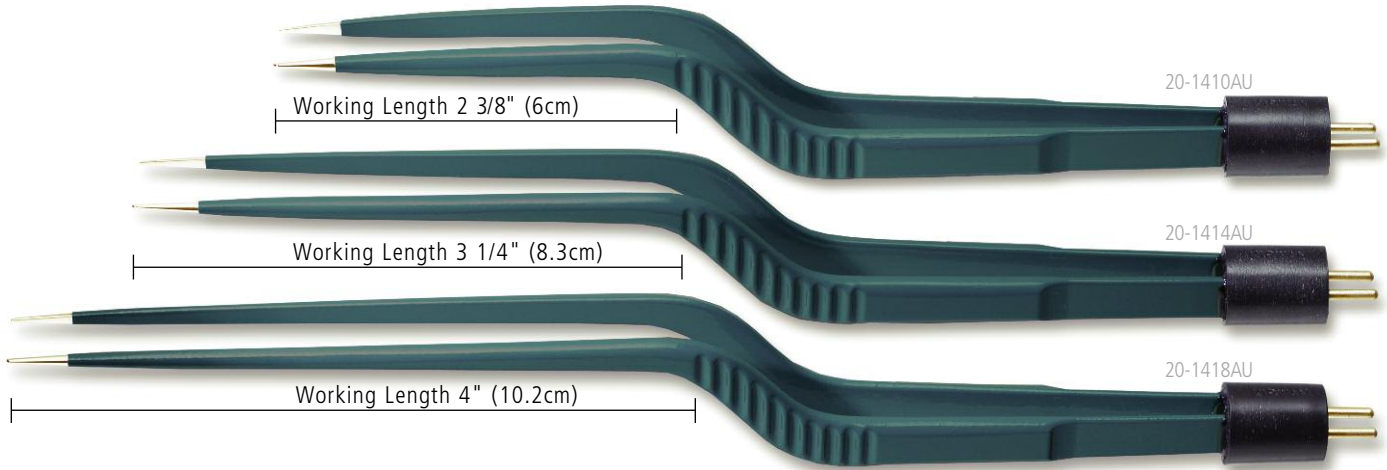
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1429AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps, with stop, insulated	2.0mm	4 1/2"(11.4cm)	AU IN
12-1432AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps, with stop, insulated	1.5mm	4 1/2"(11.4cm)	AU IN
12-1433AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps, with stop, insulated	1.2mm	4 1/2"(11.4cm)	AU IN
12-1434AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps, with stop, insulated	0.7mm	4 1/2"(11.4cm)	AU IN
12-1435AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps, with stop, insulated	0.5mm	4 1/2"(11.4cm)	AU IN
12-1235NS	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps, with stop, insulated	0.5mm	4 1/2"(11.4cm)	NS IN
12-1035	8 1/2" (21.6cm)	Hardy bayonet bipolar forceps, w/ stop, insulated	0.5mm	4 1/2"(11.4cm)	SS IN



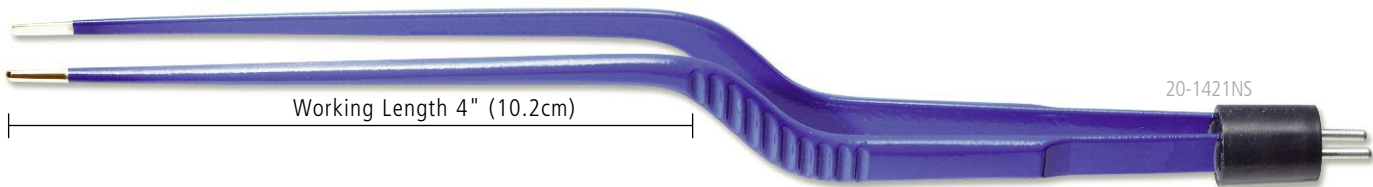
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1130AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop	0.5mm	4 1/2"(11.4cm)	AU
12-1131AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, angled left and up	1.5mm	4 1/2"(11.4cm)	AU
12-1132AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, angled left	1.5mm	4 1/2"(11.4cm)	AU
12-1230NS	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop	0.5mm	4 1/2"(11.4cm)	NS
12-1231NS	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, angled left and up	1.5mm	4 1/2"(11.4cm)	NS
12-1232NS	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, angled left	1.5mm	4 1/2"(11.4cm)	NS
12-1030	8 1/2" (21.6cm)	Hardy bayonet bipolar forceps with stop	0.5mm	4 1/2"(11.4cm)	SS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1436AU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps w/ stop, insulated	0.5mm	5 1/2"(14cm)	AU IN
12-1437AU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps w/ stop, insulated	1.0mm	5 1/2"(14cm)	AU IN
12-1438AU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps w/ stop, insulated	1.5mm	5 1/2"(14cm)	AU IN
12-1236NS	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps w/ stop, insulated	0.5mm	5 1/2"(14cm)	NS IN
12-1237NS	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps w/ stop, insulated	1.0mm	5 1/2"(14cm)	NS IN
12-1238NS	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps w/ stop, insulated	1.5mm	5 1/2"(14cm)	NS IN

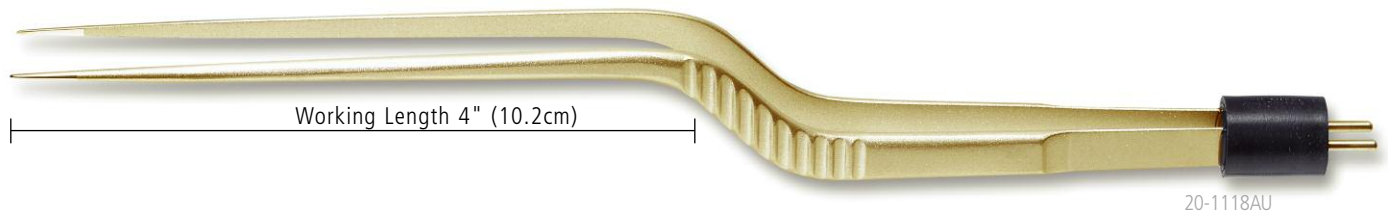


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1410AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.5mm	2 3/8"(6cm)	AU IN
20-1411AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.7mm	2 3/8"(6cm)	AU IN
20-1412AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.0mm	2 3/8"(6cm)	AU IN
20-1413AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.3mm	2 3/8"(6cm)	AU IN
20-1414AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.5mm	3 1/4"(8.3cm)	AU IN
20-1415AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.7mm	3 1/4"(8.3cm)	AU IN
20-1416AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.0mm	3 1/4"(8.3cm)	AU IN
20-1417AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.3mm	3 1/4"(8.3cm)	AU IN
20-1418AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.5mm	4"(10.2cm)	AU IN
20-1419AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.7mm	4"(10.2cm)	AU IN
20-1420AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.0mm	4"(10.2cm)	AU IN
20-1421AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.3mm	4"(10.2cm)	AU IN

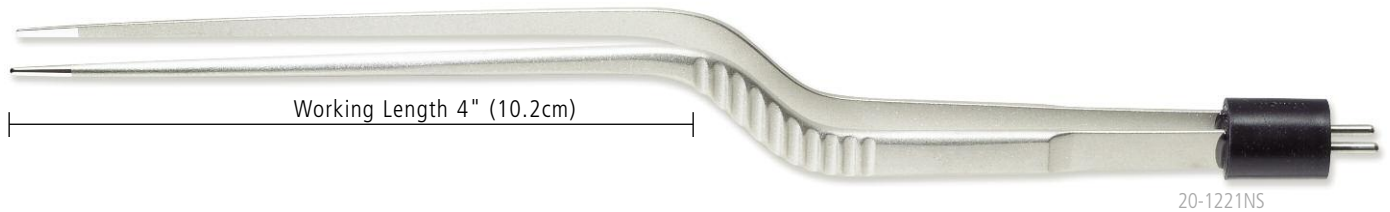


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1410NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.5mm	2 3/8"(6cm)	NS IN
20-1411NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.7mm	2 3/8"(6cm)	NS IN
20-1412NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.0mm	2 3/8"(6cm)	NS IN
20-1413NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.3mm	2 3/8"(6cm)	NS IN
20-1414NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.5mm	3 1/4"(8.3cm)	NS IN
20-1415NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.7mm	3 1/4"(8.3cm)	NS IN
20-1416NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.0mm	3 1/4"(8.3cm)	NS IN
20-1417NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.3mm	3 1/4"(8.3cm)	NS IN
20-1418NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.5mm	4"(10.2cm)	NS IN
20-1419NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	0.7mm	4"(10.2cm)	NS IN
20-1420NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.0mm	4"(10.2cm)	NS IN
20-1421NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated	1.3mm	4"(10.2cm)	NS IN

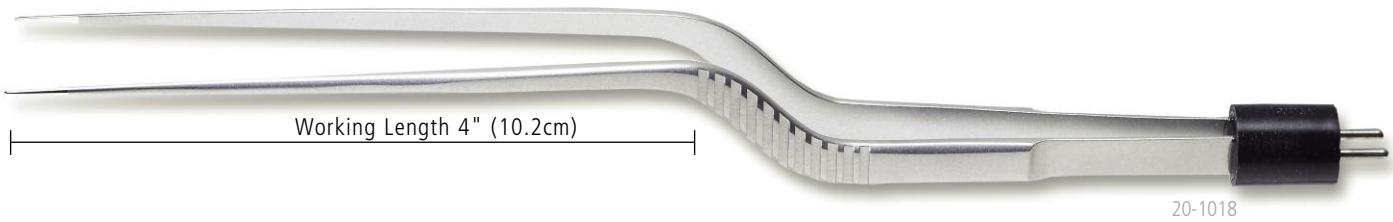
YASARGIL FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1110AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	0.5mm	2 3/8" (6cm)	AU
20-1111AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	0.7mm	2 3/8" (6cm)	AU
20-1112AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	1.0mm	2 3/8" (6cm)	AU
20-1113AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	1.3mm	2 3/8" (6cm)	AU
20-1114AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	0.5mm	3 1/4" (8.3cm)	AU
20-1115AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	0.7mm	3 1/4" (8.3cm)	AU
20-1116AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	1.0mm	3 1/4" (8.3cm)	AU
20-1117AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	1.3mm	3 1/4" (8.3cm)	AU
20-1118AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	0.5mm	4" (10.2cm)	AU
20-1119AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	0.7mm	4" (10.2cm)	AU
20-1120AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	1.0mm	4" (10.2cm)	AU
20-1121AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	1.3mm	4" (10.2cm)	AU

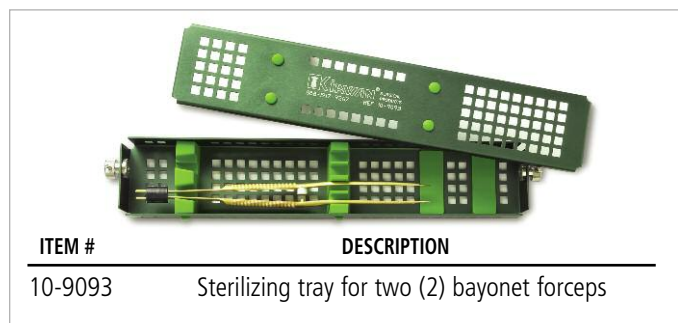
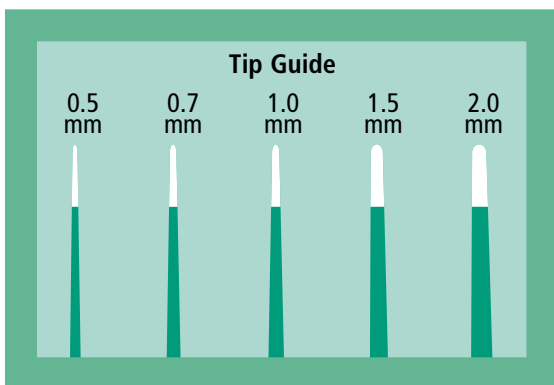
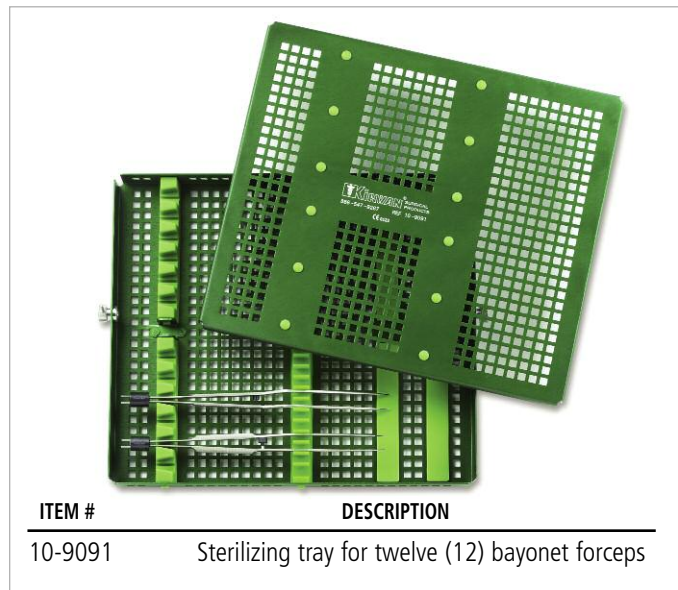
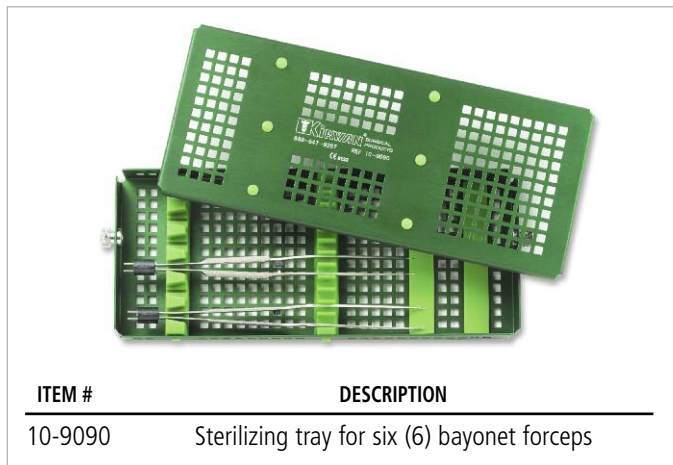


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1210NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	0.5mm	2 3/8" (6cm)	NS
20-1211NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	0.7mm	2 3/8" (6cm)	NS
20-1212NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	1.0mm	2 3/8" (6cm)	NS
20-1213NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps	1.3mm	2 3/8" (6cm)	NS
20-1214NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	0.5mm	3 1/4" (8.3cm)	NS
20-1215NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	0.7mm	3 1/4" (8.3cm)	NS
20-1216NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	1.0mm	3 1/4" (8.3cm)	NS
20-1217NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps	1.3mm	3 1/4" (8.3cm)	NS
20-1218NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	0.5mm	4" (10.2cm)	NS
20-1219NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	0.7mm	4" (10.2cm)	NS
20-1220NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	1.0mm	4" (10.2cm)	NS
20-1221NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps	1.3mm	4" (10.2cm)	NS

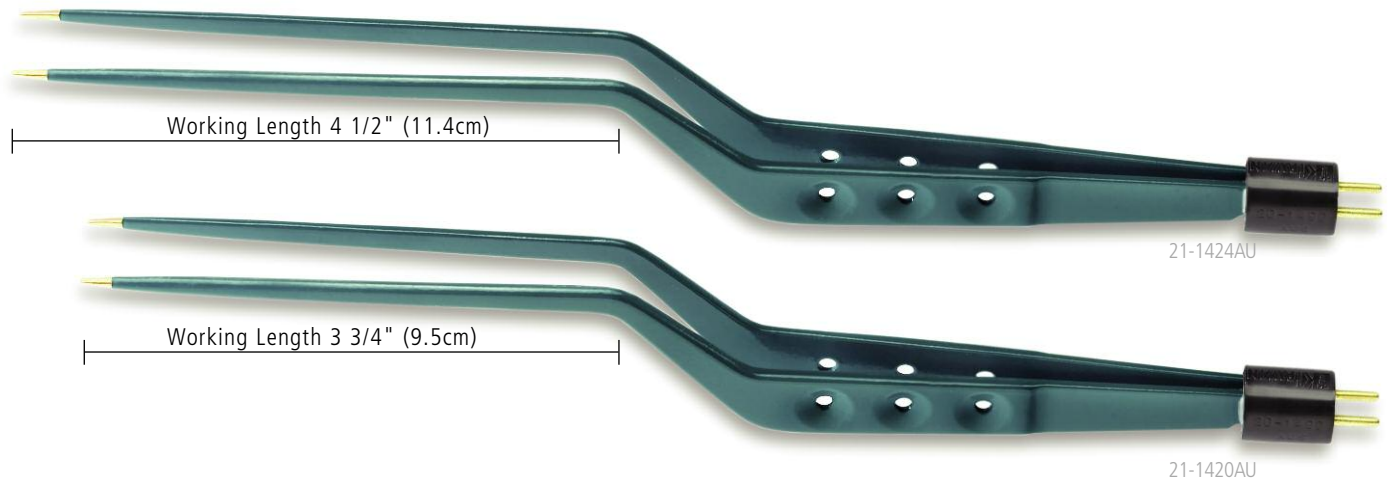


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1010	6 1/4" (15.9cm)	Yasargil bayonet bipolar forceps	0.5mm	2 3/8"(6cm)	SS
20-1011	6 1/4" (15.9cm)	Yasargil bayonet bipolar forceps	0.7mm	2 3/8"(6cm)	SS
20-1012	6 1/4" (15.9cm)	Yasargil bayonet bipolar forceps	1.0mm	2 3/8"(6cm)	SS
20-1013	6 1/4" (15.9cm)	Yasargil bayonet bipolar forceps	1.3mm	2 3/8"(6cm)	SS
20-1014	7 1/8" (18.1cm)	Yasargil bayonet bipolar forceps	0.5mm	3 1/4"(8.3cm)	SS
20-1015	7 1/8" (18.1cm)	Yasargil bayonet bipolar forceps	0.7mm	3 1/4"(8.3cm)	SS
20-1016	7 1/8" (18.1cm)	Yasargil bayonet bipolar forceps	1.0mm	3 1/4"(8.3cm)	SS
20-1017	7 1/8" (18.1cm)	Yasargil bayonet bipolar forceps	1.3mm	3 1/4"(8.3cm)	SS
20-1018	7 7/8" (20cm)	Yasargil bayonet bipolar forceps	0.5mm	4"(10.2cm)	SS
20-1019	7 7/8" (20cm)	Yasargil bayonet bipolar forceps	0.7mm	4"(10.2cm)	SS
20-1020	7 7/8" (20cm)	Yasargil bayonet bipolar forceps	1.0mm	4"(10.2cm)	SS
20-1021	7 7/8" (20cm)	Yasargil bayonet bipolar forceps	1.3mm	4"(10.2cm)	SS

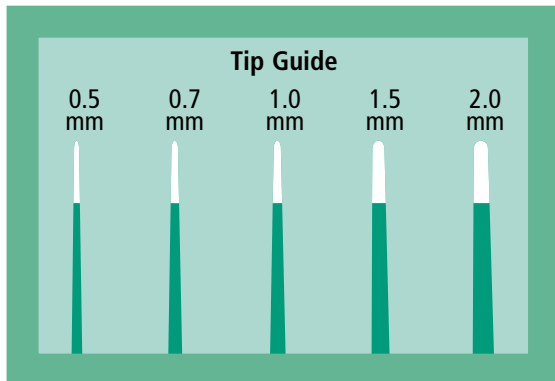
STERILIZING TRAYS



3-HOLE YASARGIL STYLE FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
21-1410AU	7" (17.5cm)	3-hole Yasargil style bipolar forceps, insulated	0.5mm	2 3/8"(6cm)	AU IN
21-1411AU	7" (17.5cm)	3-hole Yasargil style bipolar forceps, insulated	0.7mm	2 3/8"(6cm)	AU IN
21-1412AU	7" (17.5cm)	3-hole Yasargil style bipolar forceps, insulated	1.0mm	2 3/8"(6cm)	AU IN
21-1413AU	7" (17.5cm)	3-hole Yasargil style bipolar forceps, insulated	1.3mm	2 3/8"(6cm)	AU IN
21-1414AU	7 3/4" (19.7cm)	3-hole Yasargil style bipolar forceps, insulated	0.5mm	3"(7.5cm)	AU IN
21-1415AU	7 3/4" (19.7cm)	3-hole Yasargil style bipolar forceps, insulated	0.7mm	3"(7.5cm)	AU IN
21-1416AU	7 3/4" (19.7cm)	3-hole Yasargil style bipolar forceps, insulated	1.0mm	3"(7.5cm)	AU IN
21-1417AU	7 3/4" (19.7cm)	3-hole Yasargil style bipolar forceps, insulated	1.3mm	3"(7.5cm)	AU IN
21-1418AU	8 1/2" (21.6cm)	3-hole Yasargil style bipolar forceps, insulated	0.5mm	3 3/4"(9.5cm)	AU IN
21-1419AU	8 1/2" (21.6cm)	3-hole Yasargil style bipolar forceps, insulated	0.7mm	3 3/4"(9.5cm)	AU IN
21-1420AU	8 1/2" (21.6cm)	3-hole Yasargil style bipolar forceps, insulated	1.0mm	3 3/4"(9.5cm)	AU IN
21-1421AU	8 1/2" (21.6cm)	3-hole Yasargil style bipolar forceps, insulated	1.3mm	3 3/4"(9.5cm)	AU IN
21-1422AU	9 1/4" (23.5cm)	3-hole Yasargil style bipolar forceps, insulated	0.5mm	4 1/2"(11.4cm)	AU IN
21-1423AU	9 1/4" (23.5cm)	3-hole Yasargil style bipolar forceps, insulated	0.7mm	4 1/2"(11.4cm)	AU IN
21-1424AU	9 1/4" (23.5cm)	3-hole Yasargil style bipolar forceps, insulated	1.0mm	4 1/2"(11.4cm)	AU IN
21-1425AU	9 1/4" (23.5cm)	3-hole Yasargil style bipolar forceps, insulated	1.3mm	4 1/2"(11.4cm)	AU IN
21-1426AU	10 1/4" (25.5cm)	3-hole Yasargil style bipolar forceps, insulated	0.5mm	5 1/2"(14cm)	AU IN
21-1427AU	10 1/4" (25.5cm)	3-hole Yasargil style bipolar forceps, insulated	0.7mm	5 1/2"(14cm)	AU IN
21-1428AU	10 1/4" (25.5cm)	3-hole Yasargil style bipolar forceps, insulated	1.0mm	5 1/2"(14cm)	AU IN
21-1429AU	10 1/4" (25.5cm)	3-hole Yasargil style bipolar forceps, insulated	1.3mm	5 1/2"(14cm)	AU IN





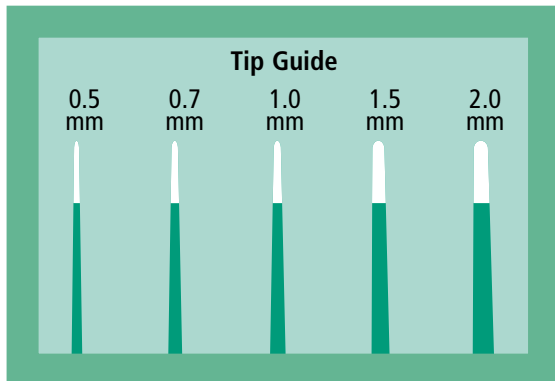
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5401AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	1.5mm	3 3/4"(9.5cm)	AU IN
10-5402AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	0.5mm	3 3/4"(9.5cm)	AU IN
10-5403AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	1.0mm	3 3/4"(9.5cm)	AU IN
10-5405AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	0.25mm	3 3/4"(9.5cm)	AU IN
10-5401NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	1.5mm	3 3/4"(9.5cm)	NS IN
10-5402NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	0.5mm	3 3/4"(9.5cm)	NS IN
10-5403NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	1.0mm	3 3/4"(9.5cm)	NS IN
10-5405NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated	0.25mm	3 3/4"(9.5cm)	NS IN
10-5101AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop	1.5mm	3 3/4"(9.5cm)	AU
10-5102AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop	0.5mm	3 3/4"(9.5cm)	AU
10-5103AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop	1.0mm	3 3/4"(9.5cm)	AU
10-5105AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop	0.25mm	3 3/4"(9.5cm)	AU
10-5201NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop,	1.5mm	3 3/4"(9.5cm)	NS
10-5202NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop	0.5mm	3 3/4"(9.5cm)	NS
10-5203NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop	1.0mm	3 3/4"(9.5cm)	NS
10-5205NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop	0.25mm	3 3/4"(9.5cm)	NS
15-5101	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop	1.5mm	3 3/4"(9.5cm)	Ti
15-5102	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop	0.5mm	3 3/4"(9.5cm)	Ti
15-5103	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop	1.0mm	3 3/4"(9.5cm)	Ti

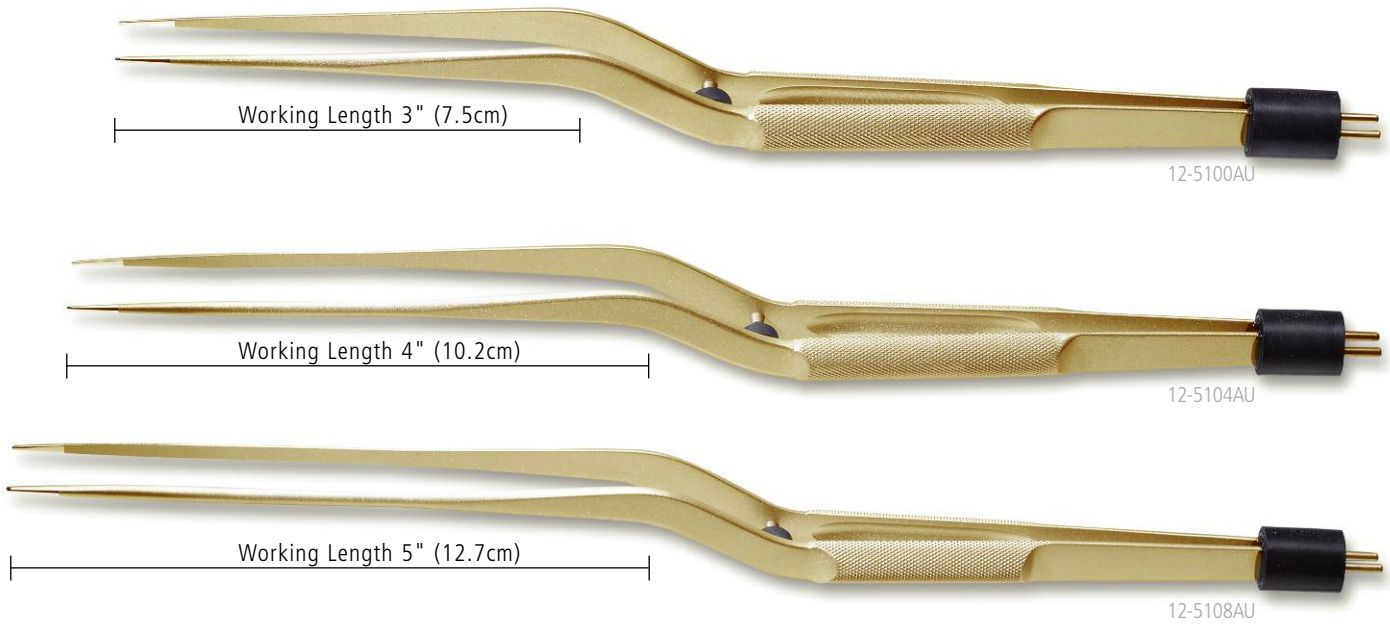


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5404AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, angled up, insulated	0.5mm	3 3/4"(9.5cm)	AU IN
10-5404NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, angled up, insulated	0.5mm	3 3/4"(9.5cm)	NS IN
10-5104AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, angled up	0.5mm	3 3/4"(9.5cm)	AU
10-5204NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, angled up	0.5mm	3 3/4"(9.5cm)	NS
15-5104	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop, angled up	0.5mm	3 3/4"(9.5cm)	Ti



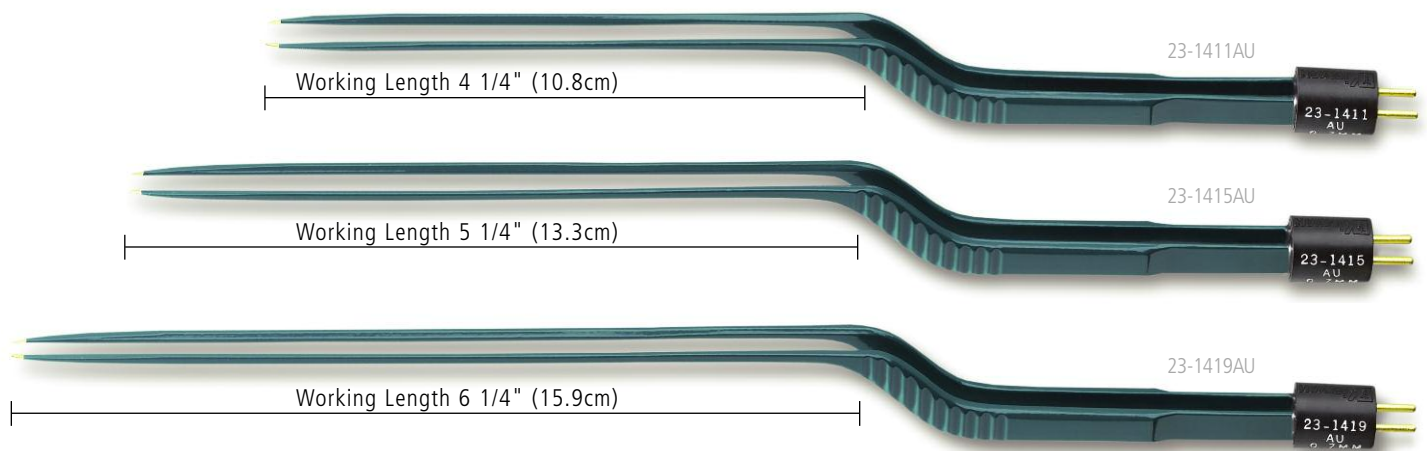
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5400AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with lightweight handle, insulated	1.0mm	3 3/4"(9.5cm)	AU IN
10-5400NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with lightweight handle, insulated	1.0mm	3 3/4"(9.5cm)	NS IN
10-5100AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with lightweight handle	1.0mm	3 3/4"(9.5cm)	AU
10-5200NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with lightweight handle	1.0mm	3 3/4"(9.5cm)	NS





ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-5100AU	8 1/2" (21.6cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	0.7mm	3"(7.5cm)	AU
12-5101AU	8 1/2" (21.6cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.0mm	3"(7.5cm)	AU
12-5102AU	8 1/2" (21.6cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.3mm	3"(7.5cm)	AU
12-5103AU	8 1/2" (21.6cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.5mm	3"(7.5cm)	AU
12-5104AU	9 1/2" (24.1cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	0.7mm	4"(10.2cm)	AU
12-5105AU	9 1/2" (24.1cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.0mm	4"(10.2cm)	AU
12-5106AU	9 1/2" (24.1cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.3mm	4"(10.2cm)	AU
12-5107AU	9 1/2" (24.1cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.5mm	4"(10.2cm)	AU
12-5108AU	10 1/2" (27cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	0.7mm	5"(12.7cm)	AU
12-5109AU	10 1/2" (27cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.0mm	5"(12.7cm)	AU
12-5110AU	10 1/2" (27cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.3mm	5"(12.7cm)	AU
12-5111AU	10 1/2" (27cm)	Kirwan round handle bayonet non-stick bipolar forceps with stop	1.5mm	5"(12.7cm)	AU

MIS STYLE FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
23-1413AU	8 1/2" (21.6cm)	Minimally invasive bipolar forceps, parallel working length, straight	1.2mm	4 1/4" (10.8cm)	AU IN
23-1411AU	8 1/2" (21.6cm)	Minimally invasive bipolar forceps, parallel working length, straight	0.7mm	4 1/4" (10.8cm)	AU IN
23-1431AU	8 1/2" (21.6cm)	Minimally invasive bipolar forceps, parallel working length, angled up 45°	0.7mm	4 1/4" (10.8cm)	AU IN
23-1417AU	9 1/2" (24.1cm)	Minimally invasive bipolar forceps, parallel working length, straight	1.2mm	5 1/4" (13.3cm)	AU IN
23-1415AU	9 1/2" (24.1cm)	Minimally invasive bipolar forceps, parallel working length, straight	0.7mm	5 1/4" (13.3cm)	AU IN
23-1432AU	9 1/2" (24.1cm)	Minimally invasive bipolar forceps, parallel working length, angled up 45°	0.7mm	5 1/4" (13.3cm)	AU IN
23-1421AU	10 1/2" (27cm)	Minimally invasive bipolar forceps, parallel working length, straight	1.2mm	6 1/4" (15.9cm)	AU IN
23-1419AU	10 1/2" (27cm)	Minimally invasive bipolar forceps, parallel working length, straight	0.7mm	6 1/4" (15.9cm)	AU IN
23-1433AU	10 1/2" (27cm)	Minimally invasive bipolar forceps, parallel working length, angled up 45°	0.7mm	6 1/4" (15.9cm)	AU IN

REVERSE ACTION STYLE FORCEPS

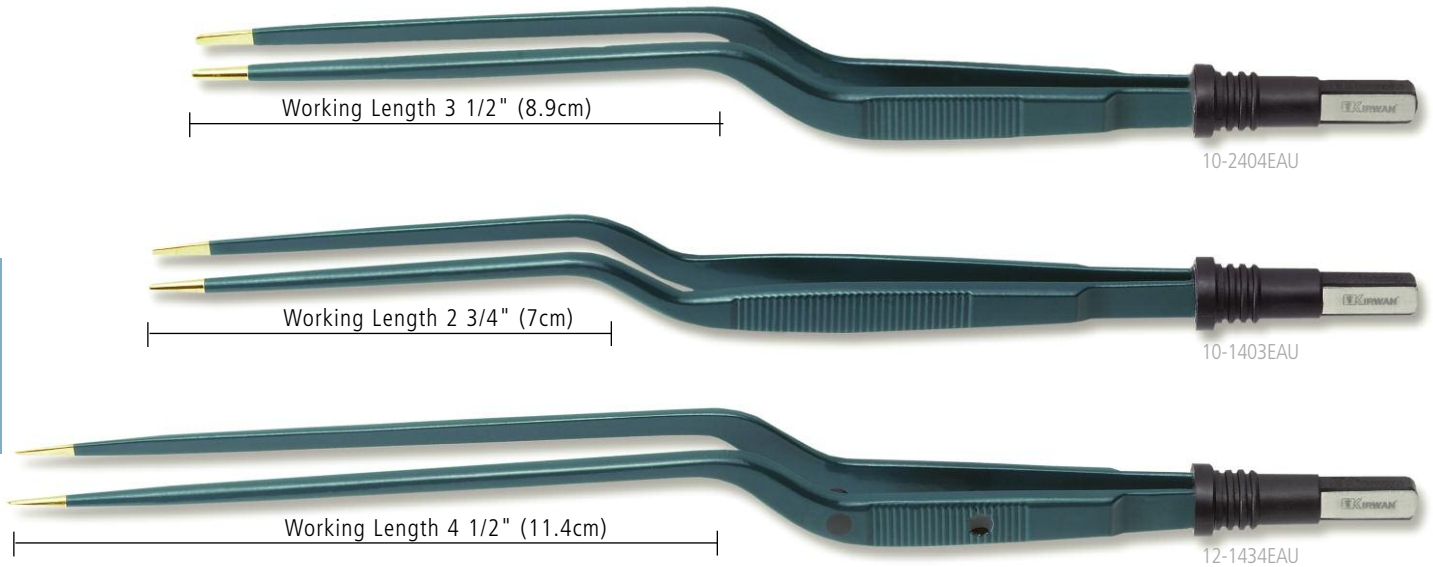


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
23-1451AU	10" (25.4cm)	Reverse action style bipolar forceps, insulated	0.7mm	6" (15.2cm)	AU IN
23-1452AU	10" (25.4cm)	Reverse action style bipolar forceps, insulated	1.0mm	6" (15.2cm)	AU IN

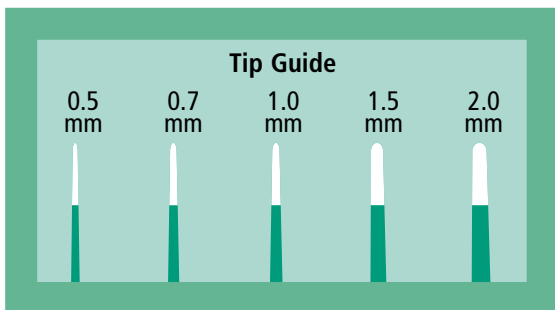


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
15-1400AU	7 1/2" (19cm)	Cushing titanium bayonet non-stick bipolar forceps, insulated	0.7mm	3 1/2"(8.9cm)	Ti AU IN
15-2404AU	7 1/2" (19cm)	Cushing titanium bayonet non-stick bipolar forceps, insulated	2.0mm	3 1/2"(8.9cm)	Ti AU IN
15-1403AU	7 3/4" (19.7cm)	Scoville-Greenwood titanium bayonet non-stick bipolar forceps, insulated	1.5mm	2 3/4"(7cm)	Ti AU IN
15-1432AU	8 1/2" (21.6cm)	Hardy titanium bayonet non-stick bipolar forceps with stop, insulated	1.5mm	4 1/2"(11.4cm)	Ti AU IN
15-1433AU	8 1/2" (21.6cm)	Hardy titanium bayonet non-stick bipolar forceps with stop, insulated	1.2mm	4 1/2"(11.4cm)	Ti AU IN
15-1434AU	8 1/2" (21.6cm)	Hardy titanium bayonet non-stick bipolar forceps with stop, insulated	0.7mm	4 1/2"(11.4cm)	Ti AU IN
15-1435AU	8 1/2" (21.6cm)	Hardy titanium bayonet non-stick bipolar forceps with stop, insulated	0.5mm	4 1/2"(11.4cm)	Ti AU IN
15-1436AU	9 1/2" (24.1cm)	Hardy titanium bayonet non-stick bipolar forceps with stop, insulated	0.5mm	5 1/2"(14cm)	Ti AU IN
15-1437AU	9 1/2" (24.1cm)	Hardy titanium bayonet non-stick bipolar forceps with stop, insulated	1.0mm	5 1/2"(14cm)	Ti AU IN
15-1438AU	9 1/2" (24.1cm)	Hardy titanium bayonet non-stick bipolar forceps with stop, insulated	1.5mm	5 1/2"(14cm)	Ti AU IN
15-5401AU	8 3/4" (22cm)	Titanium bayonet non-stick bipolar forceps with stop, insulated	1.5mm	3 3/4"(9.5cm)	Ti AU IN
15-5402AU	8 3/4" (22cm)	Titanium bayonet non-stick bipolar forceps with stop, insulated	0.5mm	3 3/4"(9.5cm)	Ti AU IN
15-5403AU	8 3/4" (22cm)	Titanium bayonet non-stick bipolar forceps with stop, insulated	1.0mm	3 3/4"(9.5cm)	Ti AU IN
15-5404AU	8 3/4" (22cm)	Titanium bayonet non-stick bipolar forceps with stop, insulated, angled up	0.5mm	3 3/4"(9.5cm)	Ti AU IN

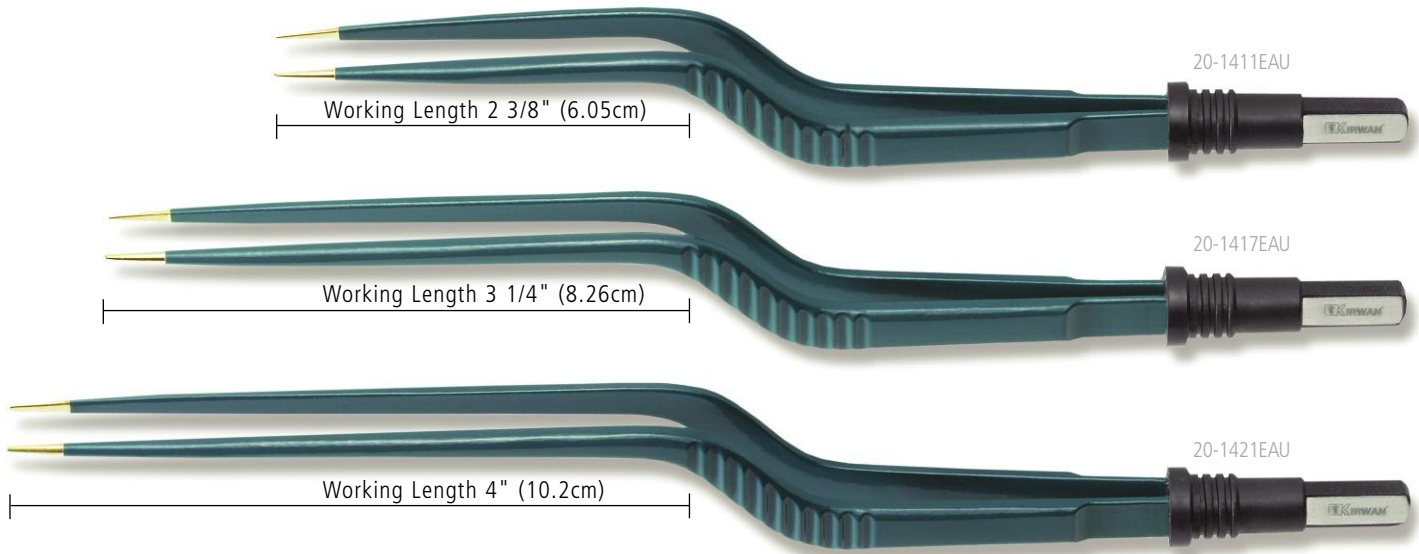
FORCEPS WITH EUROPEAN BLADED CONNECTOR



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1403EAU	7 3/4" (19.7cm)	Scoville-Greenwood bayonet non-stick bipolar forceps, insulated, with EU connector	1.5mm	2 3/4"(7cm)	AU IN
12-1400EAU	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps, insulated, with EU connector	0.7mm	3 1/2"(8.9cm)	AU IN
10-2404EAU	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps, insulated, with EU connector	2.0mm	3 1/2"(8.9cm)	AU IN
10-5400EAU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps, insulated, with lightweight handle, with EU connector	1.0mm	3 3/4"(9.5cm)	AU IN
10-5401EAU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated, with EU connector	1.5mm	3 3/4"(9.5cm)	AU IN
10-5403EAU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, insulated, with EU connector	1.0mm	3 3/4"(9.5cm)	AU IN
12-1432EAU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, insulated, with EU connector	1.5mm	4 1/2"(11.4cm)	AU IN
12-1433EAU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, insulated, with EU connector	1.2mm	4 1/2"(11.4cm)	AU IN
12-1434EAU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, insulated, with EU connector	0.7mm	4 1/2"(11.4cm)	AU IN
12-1437EAU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps with stop, insulated, with EU connector	1.0mm	5 1/2"(14cm)	AU IN
12-1438EAU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps with stop, insulated, with EU connector	1.5mm	5 1/2"(14cm)	AU IN



FORCEPS WITH EUROPEAN BLADED CONNECTOR



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1410EAU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	0.5mm	2 3/8"(6.05cm)	AU IN
20-1411EAU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	0.7mm	2 3/8"(6.05cm)	AU IN
20-1412EAU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	1.0mm	2 3/8"(6.05cm)	AU IN
20-1413EAU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	1.3mm	2 3/8"(6.05cm)	AU IN
20-1414EAU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	0.5mm	3 1/4"(8.26cm)	AU IN
20-1415EAU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	0.7mm	3 1/4"(8.26cm)	AU IN
20-1416EAU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	1.0mm	3 1/4"(8.26cm)	AU IN
20-1417EAU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	1.3mm	3 1/4"(8.26cm)	AU IN
20-1418EAU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	0.5mm	4"(10.2cm)	AU IN
20-1419EAU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	0.7mm	4"(10.2cm)	AU IN
20-1420EAU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	1.0mm	4"(10.2cm)	AU IN
20-1421EAU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, insulated, with EU connector	1.3mm	4"(10.2cm)	AU IN



COMPATIBLE CORD

ITEM #	LENGTH	DESCRIPTION
10-6020	12' (3.6m)	Reusable silicone bipolar cord (with banana pins & bladed connector)

STRAIGHT FORCEPS

12-1175AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
12-1175AU	3 1/2" (9cm)	Iris straight non-stick bipolar forceps	0.4mm	AU
12-1275NS	3 1/2" (9cm)	Iris straight non-stick bipolar forceps	0.4mm	NS
12-1075	3 1/2" (9cm)	Iris straight bipolar forceps	0.4mm	SS

12-1180AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
12-1180AU	3 1/2" (9cm)	Iris curved non-stick bipolar forceps	0.4mm	AU
12-1280NS	3 1/2" (9cm)	Iris curved non-stick bipolar forceps	0.4mm	NS
12-1080	3 1/2" (9cm)	Iris curved bipolar forceps	0.4mm	SS

10-3402AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-3402AU	4" (10.2cm)	Jewelers straight non-stick bipolar forceps, insulated	0.4mm	AU IN
10-3202NS	4" (10.2cm)	Jewelers straight non-stick bipolar forceps, insulated	0.4mm	NS IN
10-3002	4" (10.2cm)	Jewelers straight bipolar forceps, insulated	0.4mm	SS IN

10-3100AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-3100AU	4" (10.2cm)	Jewelers straight non-stick bipolar forceps	0.4mm	AU
10-3200NS	4" (10.2cm)	Jewelers straight non-stick bipolar forceps	0.4mm	NS
10-3000	4" (10.2cm)	Jewelers straight bipolar forceps	0.4mm	SS

10-3101AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-3101AU	4" (10.2cm)	Jewelers curved non-stick bipolar forceps	0.4mm	AU
10-3201NS	4" (10.2cm)	Jewelers curved non-stick bipolar forceps	0.4mm	NS
10-3001	4" (10.2cm)	Jewelers curved bipolar forceps	0.4mm	SS

10-3105AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-3105AU	4" (10.2cm)	Tenzel non-stick bipolar forceps, with stop	0.4mm	AU
10-3205NS	4" (10.2cm)	Tenzel non-stick bipolar forceps, with stop	0.4mm	NS
10-3005	4" (10.2cm)	Tenzel bipolar forceps, with stop	0.4mm	SS

12-1192AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
12-1192AU	4" (10.2cm)	Nadler style coaptation non-stick bipolar forceps, with spacer	0.4mm	AU
12-1292NS	4" (10.2cm)	Nadler style coaptation non-stick bipolar forceps, with spacer	0.4mm	NS
12-1092	4" (10.2cm)	Nadler style coaptation bipolar forceps, with spacer	0.4mm	SS

12-1190AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
12-1190AU	4 1/4" (11cm)	Coaptation non-stick bipolar forceps	0.5mm	AU
12-1290NS	4 1/4" (11cm)	Coaptation non-stick bipolar forceps	0.5mm	NS
12-1090	4 1/4" (11cm)	Coaptation bipolar forceps	0.5mm	SS

12-1195AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
12-1195AU	4 1/4" (11cm)	Coaptation non-stick bipolar forceps, x-fine	0.4mm	AU
12-1295NS	4 1/4" (11cm)	Coaptation non-stick bipolar forceps, x-fine	0.4mm	NS
12-1095	4 1/4" (11cm)	Coaptation bipolar forceps, x-fine	0.4mm	SS

10-3415AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-3415AU	5" (13cm)	Adson non-stick bipolar forceps, insulated	1.0mm	AU IN
10-3215NS	5" (13cm)	Adson non-stick bipolar forceps, insulated	1.0mm	NS IN
10-3015	5" (13cm)	Adson bipolar forceps, insulated	1.0mm	SS IN

10-3110AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-3110AU	5" (13cm)	Adson non-stick bipolar forceps	1.0mm	AU
10-3210NS	5" (13cm)	Adson non-stick bipolar forceps	1.0mm	NS
10-3010	5" (13cm)	Adson bipolar forceps	1.0mm	SS

12-1140AU



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
12-1140AU	5 1/2" (14cm)	Semkin straight non-stick bipolar forceps, with stop	0.7mm	AU
12-1240NS	5 1/2" (14cm)	Semkin straight non-stick bipolar forceps, with stop	0.7mm	NS
12-1040	5 1/2" (14cm)	Semkin straight bipolar forceps, with stop	0.7mm	SS

STRAIGHT FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-2100AU	6" (15cm)	Cushing straight non-stick bipolar forceps	0.7mm	AU
10-2200NS	6" (15cm)	Cushing straight non-stick bipolar forceps	0.7mm	NS
10-2000	6" (15cm)	Cushing straight bipolar forceps	0.7mm	SS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
12-1445AU	6" (15cm)	Semkin straight non-stick bipolar forceps, insulated	1.5mm	AU IN
12-1245NS	6" (15cm)	Semkin straight non-stick bipolar forceps, insulated	1.5mm	NS IN
12-1045	6" (15cm)	Semkin straight bipolar forceps, insulated	1.5mm	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
11-1402AU	7" (18cm)	Gerald straight non-stick bipolar forceps, insulated	1.0mm	AU IN
11-1202NS	7" (18cm)	Gerald straight non-stick bipolar forceps, insulated	1.0mm	NS IN
11-1002	7" (18cm)	Gerald straight bipolar forceps, insulated	1.0mm	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
11-1100AU	7" (18cm)	Gerald straight non-stick bipolar forceps	1.0mm	AU
11-1200NS	7" (18cm)	Gerald straight non-stick bipolar forceps	1.0mm	NS
11-1000	7" (18cm)	Gerald straight bipolar forceps	1.0mm	SS




ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-2402AU	7" (18cm)	Cushing straight non-stick bipolar forceps, insulated	1.5mm	AU IN
10-2202NS	7" (18cm)	Cushing straight non-stick bipolar forceps, insulated	1.5mm	NS IN
10-2002	7" (18cm)	Cushing straight bipolar forceps, insulated	1.5mm	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
10-2101AU	7" (18cm)	Cushing straight non-stick bipolar forceps	1.5mm	AU
10-2201NS	7" (18cm)	Cushing straight non-stick bipolar forceps	1.5mm	NS
10-2001	7" (18cm)	Cushing straight bipolar forceps	1.5mm	SS

TITANIUM STRAIGHT FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-2103	3 1/2" (9cm)	Titanium Jewelers bipolar forceps, 30 degree angled	0.4mm	Ti




ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-2104	3 1/2" (9cm)	Titanium Jewelers bipolar forceps, curved	0.4mm	Ti




ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-2105	3 1/2" (9cm)	Titanium Jewelers bipolar forceps, straight	0.4mm	Ti




ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-2107	3 3/4" (9.5cm)	Titanium Iris bipolar forceps, with stop, curved	0.5mm	Ti



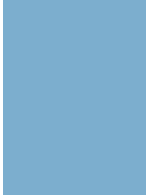
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-2108	3 3/4" (9.5cm)	Titanium eye bipolar forceps, with stop	0.4mm	Ti



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-2109	4" (10.2cm)	Titanium coaptation bipolar forceps, with stop, curved	0.5mm	Ti



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-3103	4 1/4" (10.8cm)	Titanium Jewelers bipolar forceps, 90 degree angled	0.4mm	Ti



BIPOLAR PRODUCTS

TITANIUM STRAIGHT FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-3104	4 1/4" (10.8cm)	Titanium Jeweler's bipolar forceps, straight	0.4mm	Ti



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-3110	4 1/2" (11.4cm)	Titanium bipolar forceps, straight	0.4mm	Ti



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-3109	4 1/2" (11.4cm)	Titanium bipolar forceps, reverse angle	0.4mm	Ti



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-3101	4 3/4" (12.1cm)	Titanium bipolar forceps, with wide serrations, straight	0.4mm	Ti



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-3105	4 3/4" (12.1cm)	Titanium bipolar forceps, with fine serrations, straight	0.4mm	Ti



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
15-5110	6" (15.2cm)	Titanium bipolar forceps, straight	0.25mm	Ti
15-5112	6" (15.2cm)	Titanium bipolar forceps, straight	0.5mm	Ti

14-3000



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
14-3000	4" (10.2cm)	Disposable Jewelers/Iris non-stick bipolar forceps, straight	0.4mm	IN ②
16-3000	4" (10.2cm)	Reusable TPR Jewelers/Iris non-stick bipolar forceps, straight	0.4mm	IN

14-1080



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
14-1080	4" (10.2cm)	Disposable Jewelers/Iris non-stick bipolar forceps, curved	0.4mm	IN ②
16-1080	4" (10.2cm)	Reusable TPR Jewelers/Iris non-stick bipolar forceps, curved	0.4mm	IN

14-1090



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
14-1090	4" (10.2cm)	Disposable coaptation non-stick bipolar forceps, straight	0.4mm	IN ②
16-1090	4" (10.2cm)	Reusable TPR coaptation non-stick bipolar forceps, straight	0.4mm	IN

14-2001



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
14-2001	5 1/2" (14cm)	Disposable Semkin non-stick bipolar forceps w/ 12' cord, straight	0.7mm	IN ②
16-2000	5 1/2" (14cm)	Reusable TPR Semkin non-stick bipolar forceps, straight	0.7mm	IN

14-2103



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
14-2103	7" (18cm)	Disposable Cushing non-stick bipolar forceps with 12' cord, straight	1.5mm	IN ②
16-2102	7" (18cm)	Reusable TPR Cushing non-stick bipolar forceps, straight	1.5mm	IN

OVER MOLDED FORCEPS

14-1213



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
14-1213	7 1/2" (19cm)	Disposable tonsil bayonet non-stick bipolar forceps with 12' cord	1.5mm	2 5/8"(6.7cm)	IN
16-1213	7 1/2" (19cm)	Reusable TPR tonsil bayonet non-stick bipolar forceps	1.5mm	2 5/8"(6.7cm)	IN

14-4103



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
14-4103	7 3/4" (19.7cm)	Disposable Scoville-Greenwood bayonet non-stick bipolar forceps with 12' cord	1.5mm	3"(7.5cm)	IN
14-4404	7 3/4" (19.7cm)	Disposable Scoville-Greenwood bayonet bipolar forceps with 12' cord	1.5mm	3"(7.5cm)	SS IN
16-4102	7 3/4" (19.7cm)	Reusable TPR Scoville-Greenwood bayonet non-stick bipolar forceps	1.5mm	3"(7.5cm)	IN
16-4403	7 3/4" (19.7cm)	Reusable TPR Scoville-Greenwood bayonet bipolar forceps	1.5mm	3"(7.5cm)	SS IN

14-4003



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
14-4003	8 1/4" (21cm)	Disposable Gerald bayonet non-stick bipolar forceps with 12' cord	1.0mm	3 1/2"(8.9cm)	IN
16-4002	8 1/4" (21cm)	Reusable TPR Gerald bayonet non-stick bipolar forceps	1.0mm	3 1/2"(8.9cm)	IN

14-1031



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
14-1031	9" (22.9cm)	Disposable Hardy bayonet non-stick bipolar forceps with 12' cord	0.7mm	4"(10.2cm)	IN
16-1030	9" (22.9cm)	Reusable TPR Hardy bayonet non-stick bipolar forceps	0.7mm	4"(10.2cm)	IN



DISPOSABLE FORCEPS

Kirwan Surgical's successful Liberty® Disposable Forceps are manufactured using the same procedures as our high-quality reusable forceps. Superior in look, feel and finish and available in many styles, each forceps comes standard with a detachable cord.

- Freedom From High Prices
- Freedom From Autoclaving and Reprocessing
- Freedom From Repeated Handling
- Freedom From Repair

Liberty AURA Elite® Non-Stick Disposable Bipolar Forceps

offer advanced non-stick technology in a disposable forceps. This product line is the perfect marriage of the popular Liberty® disposable bipolar forceps with the widely acclaimed AURA Elite® non-stick reusable bipolar forceps. Like Kirwan's AURA Elite® reusable bipolar forceps, these disposable forceps rapidly conduct energy and heat away from the tips. As a result, tissue is not coagulated onto the tips, and the non-stick effect is ensured. Liberty AURA Elite® Non-Stick Disposable Bipolar Forceps are insulated, include a 12-foot detachable cord and are sterile-packaged five to a pack.

- Non-stick disposable at affordable prices
- Complete out of the package with attached cord
- Comparable in size to a standard reusable forceps



Liberty AURA Elite®



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1003AU	7 3/4" (19.7cm)	Disposable Scoville bayonet non-stick bipolar forceps, insulated with 12' cord	1.5mm	2 3/4"(7cm)	AU IN
19-1103AU	7 1/2" (19cm)	Disposable Gerald bayonet non-stick bipolar forceps, insulated with 12' cord	1.0mm	3 1/2"(8.9cm)	AU IN
19-1200AU	7 1/2" (19cm)	Disposable Cushing bayonet non-stick bipolar forceps, insulated with 12' cord	0.7mm	3 1/2"(8.9cm)	AU IN
19-2004AU	7 1/2" (19cm)	Disposable Cushing bayonet non-stick bipolar forceps, insulated with 12' cord	2.0mm	3 1/2"(8.9cm)	AU IN
19-1227AU	8 1/2" (21.6cm)	Disposable Hardy bayonet non-stick bipolar forceps, insulated with 12' cord	0.5mm	4 1/2"(11.4cm)	AU IN
19-1228AU	8 1/2" (21.6cm)	Disposable Hardy bayonet non-stick bipolar forceps, insulated with 12' cord	1.0mm	4 1/2"(11.4cm)	AU IN
19-1229AU	8 1/2" (21.6cm)	Disposable Hardy bayonet non-stick bipolar forceps, insulated with 12' cord	1.5mm	4 1/2"(11.4cm)	AU IN
19-1230AU	8 1/2" (21.6cm)	Disposable Hardy bayonet non-stick bipolar forceps, insulated with 12' cord	0.7mm	4 1/2"(11.4cm)	AU IN
19-1231AU	8 1/2" (21.6cm)	Disposable Hardy bayonet non-stick bipolar forceps, insulated with 12' cord	2.0mm	4 1/2"(11.4cm)	AU IN
19-1235AU	10" (25.4cm)	Disposable Hardy bayonet non-stick bipolar forceps, insulated with 12' cord	1.0mm	5 3/4"(14.6cm)	AU IN
19-1236AU	10" (25.4cm)	Disposable Hardy bayonet non-stick bipolar forceps, insulated with 12' cord	1.5mm	5 3/4"(14.6cm)	AU IN
19-3002AU	4" (10.2cm)	Disposable Jewelers non-stick bipolar straight forceps, insulated with 12' cord	0.4mm		AU IN
19-3010AU	5" (13cm)	Disposable Adson non-stick bipolar forceps, insulated with 12' cord	1.0mm		AU IN
19-1240AU	5 1/2" (14cm)	Disposable Semkin non-stick bipolar forceps, insulated with 12' cord	0.7mm		AU IN
19-2000AU	6" (15.2cm)	Disposable Cushing non-stick bipolar forceps, insulated with 12' cord	1.0mm		AU IN
19-2002AU	7" (17.5cm)	Disposable Cushing non-stick bipolar forceps, insulated with 12' cord	1.5mm		AU IN

19-1275



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
19-1275C	3 1/2" (8.9cm)	Disposable Iris bipolar forceps, insulated with 12' cord	0.4mm	SS IN
19-1275	3 1/2" (8.9cm)	Disposable Iris bipolar forceps with 12' cord	0.4mm	SS

19-1280



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
19-1280C	3 1/2" (8.9cm)	Disposable Iris curved bipolar forceps, insulated with 12' cord	0.4mm	SS IN
19-1280	3 1/2" (8.9cm)	Disposable Iris curved bipolar forceps with 12' cord	0.4mm	SS

19-3002



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
19-3002C	4" (10.2cm)	Disposable jewelers straight bipolar forceps, insulated with 12' cord	0.4mm	SS IN
19-3002	4" (10.2cm)	Disposable jewelers straight bipolar forceps with 12' cord	0.4mm	SS

19-1290



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
19-1290C	4 1/2" (11.4cm)	Disposable coaptation bipolar forceps, insulated with 12' cord	0.5mm	SS IN
19-1290	4 1/2" (11.4cm)	Disposable coaptation bipolar forceps with 12' cord	0.5mm	SS
19-1295C	4 1/2" (11.4cm)	Disposable coaptation bipolar forceps, insulated x-fine with 12' cord	0.4mm	SS IN
19-1295	4 1/2" (11.4cm)	Disposable coaptation bipolar forceps, x-fine, with 12' cord	0.4mm	SS

19-3010C



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
19-3010C	5" (13cm)	Disposable Adson bipolar forceps, insulated with 12' cord	1.0mm	SS IN
19-3010	5" (13cm)	Disposable Adson bipolar forceps with 12' cord	1.0mm	SS

19-1240



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
19-1240C	5 1/2" (14cm)	Disposable Semkin bipolar forceps, insulated with 12' cord	0.7mm	SS IN
19-1240	5 1/2" (14cm)	Disposable Semkin bipolar forceps with 12' cord	0.7mm	SS

19-2000



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
19-2000C	6" (15cm)	Disposable Cushing bipolar forceps, insulated with 12' cord	1.0mm	SS IN
19-2000	6" (15cm)	Disposable Cushing bipolar forceps with 12' cord	1.0mm	SS
19-2002C	7" (18cm)	Disposable Cushing bipolar forceps, insulated with 12' cord	1.5mm	SS IN
19-2002	7" (18cm)	Disposable Cushing bipolar forceps with 12' cord	1.5mm	SS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1003C	7 3/4" (19.7cm)	Disposable Scoville bayonet bipolar forceps, insulated with 12' cord	1.5mm	2 3/4" (7cm)	SS IN
19-1003	7 3/4" (19.7cm)	Disposable Scoville bayonet bipolar forceps w/12' cord	1.5mm	2 3/4" (7cm)	SS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1200C	7 1/2" (19cm)	Disposable Cushing bayonet bipolar forceps, insulated with 12' cord	0.7mm	3 1/2" (8.9cm)	SS IN
19-1200	7 1/2" (19cm)	Disposable Cushing bayonet bipolar forceps w/ 12' cord	0.7mm	3 1/2" (8.9cm)	SS
19-2004C	7 1/2" (19cm)	Disposable Cushing bayonet bipolar forceps, insulated with 12' cord	2.0mm	3 1/2" (8.9cm)	SS IN
19-2004	7 1/2" (19cm)	Disposable Cushing bayonet bipolar forceps w/ 12' cord	2.0mm	3 1/2" (8.9cm)	SS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1103C	7 1/2" (19cm)	Disposable Gerald bayonet bipolar forceps, insulated with 12' cord	1.0mm	3 1/2"(8.9cm)	SS IN
19-1103	7 1/2" (19cm)	Disposable Gerald bayonet bipolar forceps with 12' cord	1.0mm	3 1/2"(8.9cm)	SS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1228C	8 1/2" (21.6cm)	Disposable Hardy bayonet bipolar forceps, insulated with 12' cord	1.0mm	4 1/2"(11.4cm)	SS IN
19-1228	8 1/2" (21.6cm)	Disposable Hardy bayonet bipolar forceps w/ 12' cord	1.0mm	4 1/2"(11.4cm)	SS
19-1229C	8 1/2" (21.6cm)	Disposable Hardy bayonet bipolar forceps, insulated with 12' cord	1.5mm	4 1/2"(11.4cm)	SS IN
19-1229	8 1/2" (21.6cm)	Disposable Hardy bayonet bipolar forceps w/ 12' cord	1.5mm	4 1/2"(11.4cm)	SS
19-1230C	8 1/2" (21.6cm)	Disposable Hardy bayonet bipolar forceps, insulated with 12' cord	0.5mm	4 1/2"(11.4cm)	SS IN
19-1230	8 1/2" (21.6cm)	Disposable Hardy bayonet bipolar forceps w/ 12' cord	0.5mm	4 1/2"(11.4cm)	SS
19-1231C	8 1/2" (21.6cm)	Disposable Hardy bayonet bipolar forceps, insulated with 12' cord	2.0mm	4 1/2"(11.4cm)	SS IN
19-1235C	10" (25.4cm)	Disposable Hardy bayonet bipolar forceps, insulated with 12' cord	1.0mm	5 3/4"(14.6cm)	SS IN
19-1235	10" (25.4cm)	Disposable Hardy bayonet bipolar forceps w/ 12' cord	1.0mm	5 3/4"(14.6cm)	SS
19-1236C	10" (25.4cm)	Disposable Hardy bayonet bipolar forceps, insulated with 12' cord	1.5mm	5 3/4"(14.6cm)	SS IN

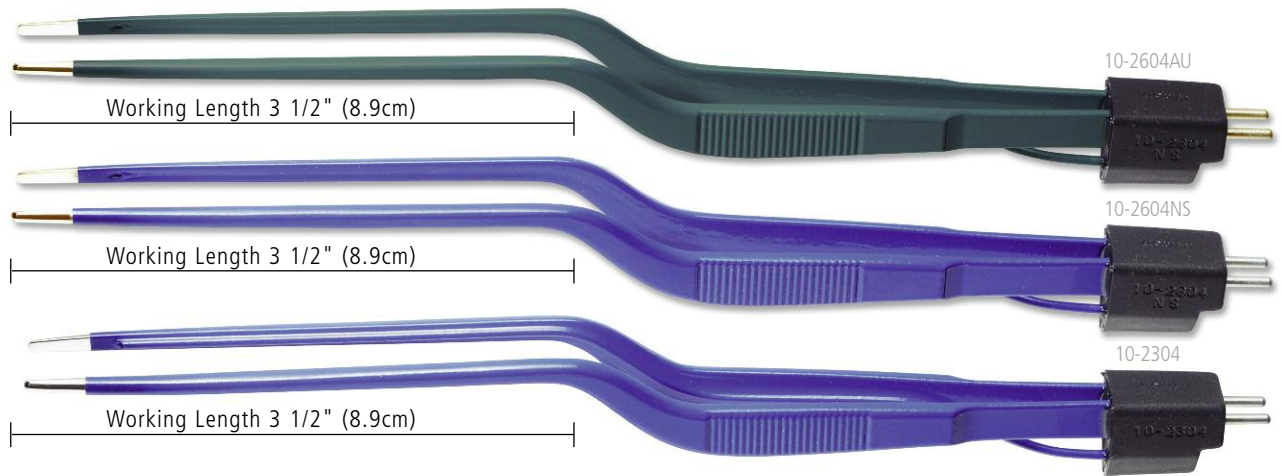
19-4601 Irrigation line for non-insulated Liberty forceps, sterile

19-4601C Irrigation line for insulated Liberty forceps, sterile



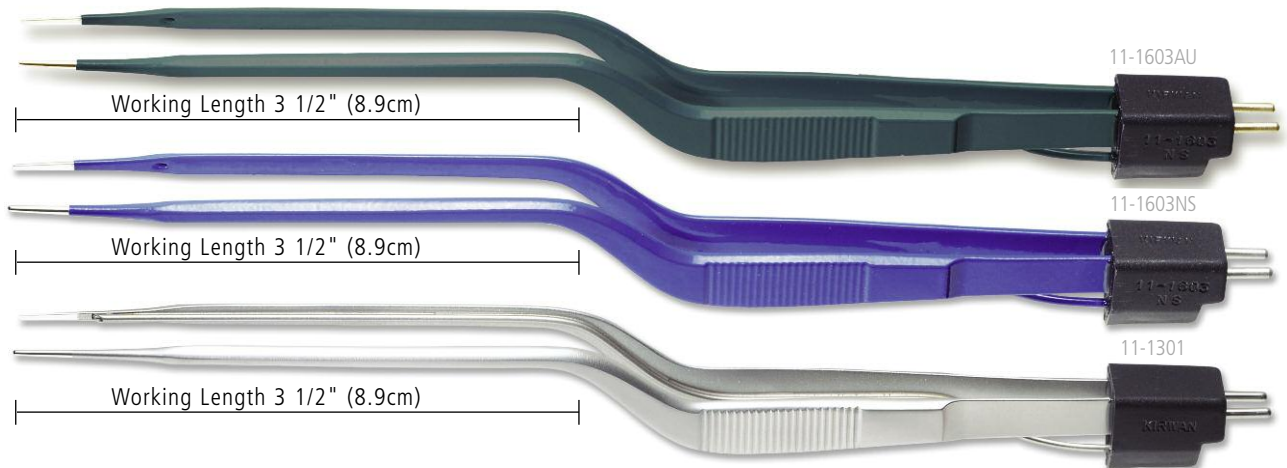
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-8020C	9" (22.9cm)	Disposable bayonet monopolar forceps, insulated, straight, serrated, with 10' cord	2.0mm	4 1/4"(10.8cm)	SS IN
19-8021C	9" (22.9cm)	Disposable bayonet monopolar forceps, insulated with 10' cord	1.0mm	4 1/4"(10.8cm)	SS IN
19-8025C	9" (22.9cm)	Disposable bayonet monopolar forceps, insulated, angled up and serrated with 10' cord	2.0mm	4 1/4"(10.8cm)	SS IN
19-8026C	9" (22.9cm)	Disposable bayonet monopolar curved forceps, insulated with 10' cord	1.0mm	4 1/4"(10.8cm)	SS IN

CUSHING IRRIGATING BIPOLAR FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-2604AU	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps buried irrigation, insulated	2.0mm	3 1/2" (8.9cm)	AU IN
10-2604NS	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps buried irrigation, insulated	2.0mm	3 1/2" (8.9cm)	NS IN
10-2304	7 1/2" (19cm)	Cushing bayonet bipolar forceps, buried irrigation, insulated	2.0mm	3 1/2" (8.9cm)	SS IN
12-1600AU	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps buried irrigation, insulated	0.7mm	3 1/2" (8.9cm)	AU IN
12-1600NS	7 1/2" (19cm)	Cushing bayonet non-stick bipolar forceps buried irrigation, insulated	0.7mm	3 1/2" (8.9cm)	NS IN
12-1300	7 1/2" (19cm)	Cushing bayonet bipolar forceps, irrigating, insulated	0.7mm	3 1/2" (8.9cm)	SS IN

GERALD IRRIGATING BIPOLAR FORCEPS



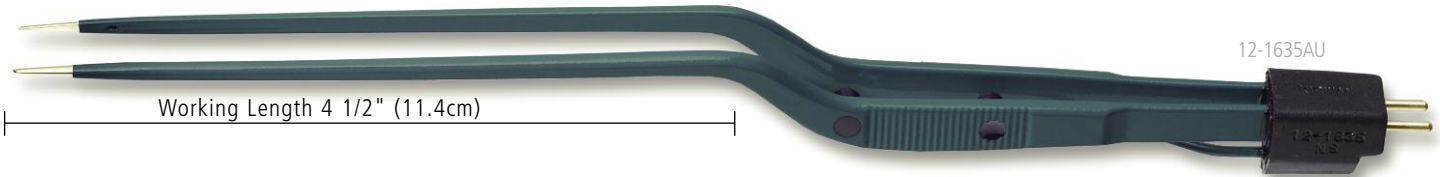
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
11-1603AU	7 1/2" (19cm)	Gerald bayonet non-stick bipolar forceps buried irrigation, insulated	1.0mm	3 1/2" (8.9cm)	AU IN
11-1603NS	7 1/2" (19cm)	Gerald bayonet non-stick bipolar forceps buried irrigation, insulated	1.0mm	3 1/2" (8.9cm)	NS IN
11-1301	7 1/2" (19cm)	Gerald bayonet bipolar forceps, irrigating	1.0mm	3 1/2" (8.9cm)	SS
11-1303	7 1/2" (19cm)	Gerald bayonet bipolar forceps, irrigating, insulated	1.0mm	3 1/2" (8.9cm)	SS IN

SCOVILLE-GREENWOOD IRRIGATING BIPOLAR FORCEPS



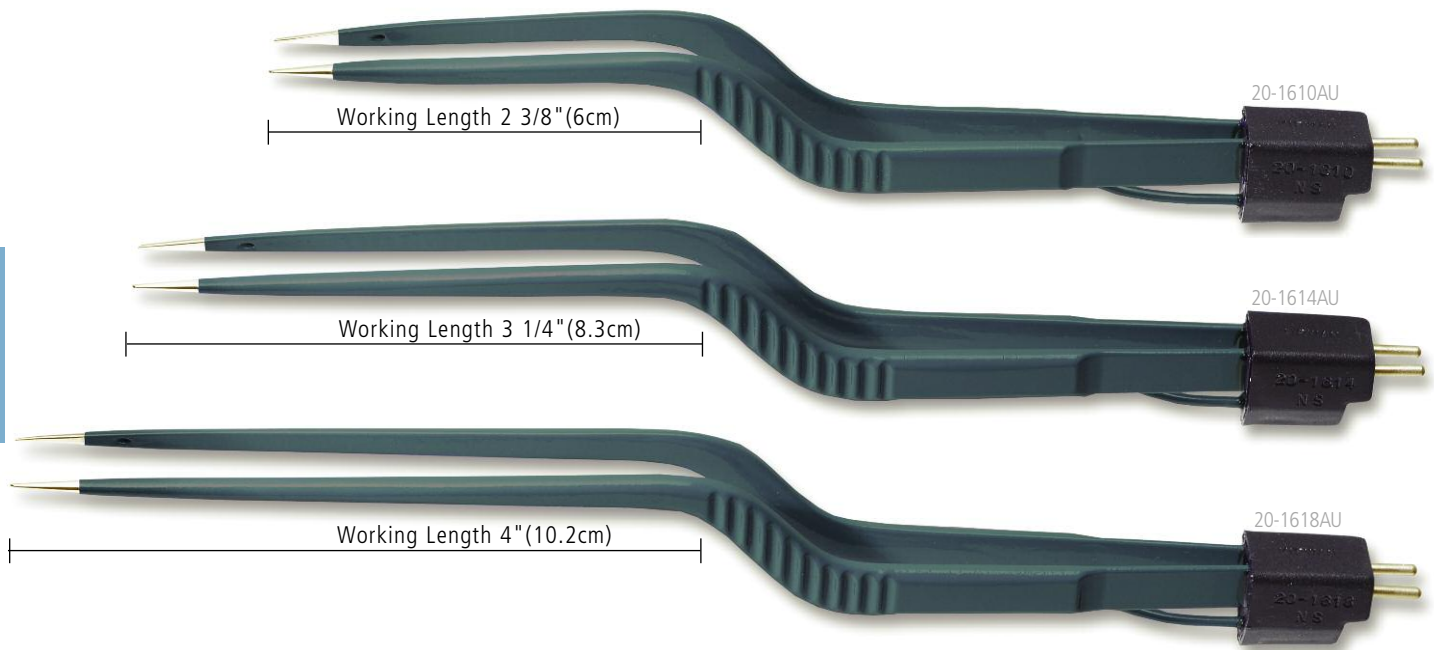
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1603AU	7 3/4" (19.7cm)	Scoville-Greenwood bayonet non-stick bipolar forceps buried irrigation, insulated	1.5mm	2 3/4"(7cm)	AU IN
10-1603NS	7 3/4" (19.7cm)	Scoville-Greenwood bayonet non-stick bipolar forceps buried irrigation, insulated	1.5mm	2 3/4"(7cm)	NS IN
10-1302	7 3/4" (19.7cm)	Scoville-Greenwood bayonet irrigating bipolar forceps	1.5mm	2 3/4"(7cm)	SS
10-1303	7 3/4" (19.7cm)	Scoville-Greenwood bayonet irrigating bipolar forceps, insulated	1.5mm	2 3/4"(7cm)	SS IN













HARDY IRRIGATING BIPOLAR FORCEPS



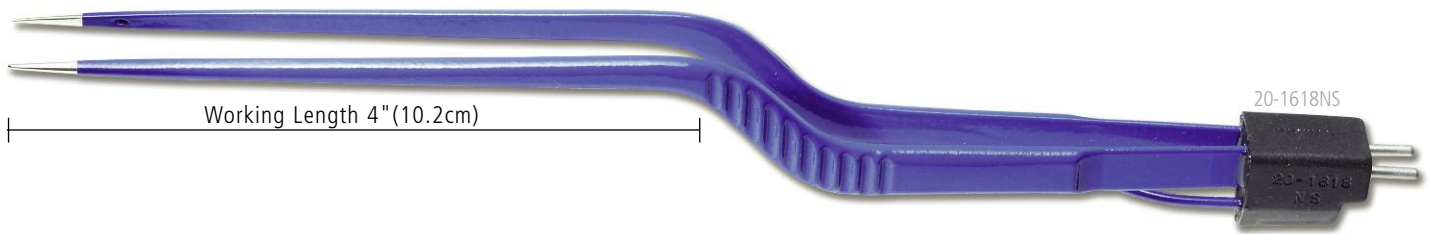
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1629AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	2.0mm	4 1/2"(11.4cm)	AU IN
12-1632AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.5mm	4 1/2"(11.4cm)	AU IN
12-1633AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.2mm	4 1/2"(11.4cm)	AU IN
12-1634AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.7mm	4 1/2"(11.4cm)	AU IN
12-1635AU	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.5mm	4 1/2"(11.4cm)	AU IN
12-1636AU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.5mm	5 1/2"(14cm)	AU IN
12-1637AU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.0mm	5 1/2"(14cm)	AU IN
12-1638AU	9 1/2" (24.1cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.5mm	5 1/2"(14cm)	AU IN
12-1635NS	8 1/2" (21.6cm)	Hardy bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.5mm	4 1/2"(11.4cm)	NS IN
12-1330	8 1/2" (21.6cm)	Hardy bayonet bipolar forceps with stop, irrigating	0.5mm	4 1/2"(11.4cm)	SS
12-1335	8 1/2" (21.6cm)	Hardy bayonet bipolar forceps with stop, irrigating, insulated	0.5mm	4 1/2"(11.4cm)	SS IN

YASARGIL IRRIGATING BIPOLAR FORCEPS

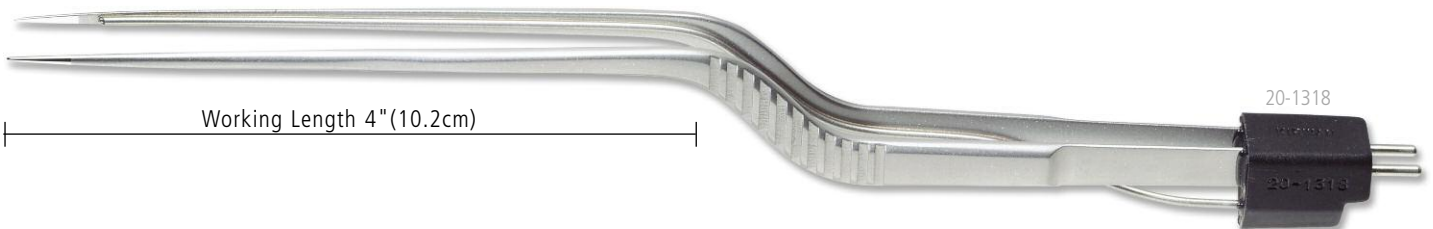


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1610AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.5mm	2 3/8" (6cm)	AU IN 
20-1611AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.7mm	2 3/8" (6cm)	AU IN 
20-1612AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.0mm	2 3/8" (6cm)	AU IN 
20-1613AU	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.3mm	2 3/8" (6cm)	AU IN 
20-1614AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.5mm	3 1/4" (8.3cm)	AU IN 
20-1615AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.7mm	3 1/4" (8.3cm)	AU IN 
20-1616AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.0mm	3 1/4" (8.3cm)	AU IN 
20-1617AU	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.3mm	3 1/4" (8.3cm)	AU IN 
20-1618AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.5mm	4" (10.2cm)	AU IN 
20-1619AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.7mm	4" (10.2cm)	AU IN 
20-1620AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.0mm	4" (10.2cm)	AU IN 
20-1621AU	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.3mm	4" (10.2cm)	AU IN 

YASARGIL IRRIGATING BIPOLAR FORCEPS

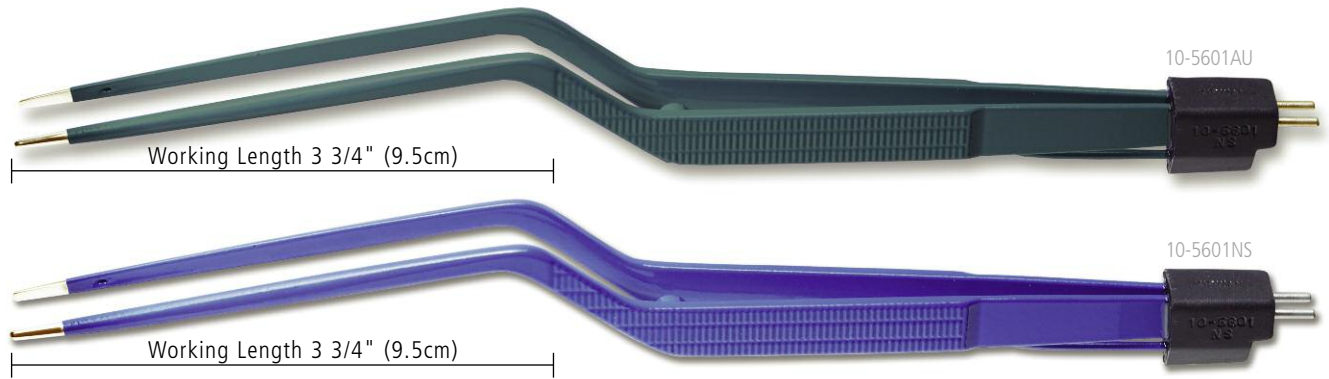


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1610NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.5mm	2 3/8" (6cm)	NS IN
20-1611NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.7mm	2 3/8" (6cm)	NS IN
20-1612NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.0mm	2 3/8" (6cm)	NS IN
20-1613NS	6 1/4" (15.9cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.3mm	2 3/8" (6cm)	NS IN
20-1614NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.5mm	3 1/4" (8.3cm)	NS IN
20-1615NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.7mm	3 1/4" (8.3cm)	NS IN
20-1616NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.0mm	3 1/4" (8.3cm)	NS IN
20-1617NS	7 1/8" (18.1cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.3mm	3 1/4" (8.3cm)	NS IN
20-1618NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.5mm	4" (10.2cm)	NS IN
20-1619NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	0.7mm	4" (10.2cm)	NS IN
20-1620NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.0mm	4" (10.2cm)	NS IN
20-1621NS	7 7/8" (20cm)	Yasargil bayonet non-stick bipolar forceps, buried irrigation, insulated	1.3mm	4" (10.2cm)	NS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1310	6 1/4" (15.9cm)	Yasargil bayonet irrigating bipolar forceps	0.5mm	2 3/8" (6cm)	SS
20-1311	6 1/4" (15.9cm)	Yasargil bayonet irrigating bipolar forceps	0.7mm	2 3/8" (6cm)	SS
20-1312	6 1/4" (15.9cm)	Yasargil bayonet irrigating bipolar forceps	1.0mm	2 3/8" (6cm)	SS
20-1313	6 1/4" (15.9cm)	Yasargil bayonet irrigating bipolar forceps	1.3mm	2 3/8" (6cm)	SS
20-1314	7 1/8" (18.1cm)	Yasargil bayonet irrigating bipolar forcep,	0.5mm	3 1/4" (8.3cm)	SS
20-1315	7 1/8" (18.1cm)	Yasargil bayonet irrigating bipolar forceps	0.7mm	3 1/4" (8.3cm)	SS
20-1316	7 1/8" (18.1cm)	Yasargil bayonet irrigating bipolar forceps	1.0mm	3 1/4" (8.3cm)	SS
20-1317	7 1/8" (18.1cm)	Yasargil bayonet irrigating bipolar forceps	1.3mm	3 1/4" (8.3cm)	SS
20-1318	7 7/8" (20cm)	Yasargil bayonet irrigating bipolar forcep,	0.5mm	4" (10.2cm)	SS
20-1319	7 7/8" (20cm)	Yasargil bayonet irrigating bipolar forceps	0.7mm	4" (10.2cm)	SS
20-1320	7 7/8" (20cm)	Yasargil bayonet irrigating bipolar forceps	1.0mm	4" (10.2cm)	SS
20-1321	7 7/8" (20cm)	Yasargil bayonet irrigating bipolar forceps	1.3mm	4" (10.2cm)	SS

MALIS STYLE IRRIGATING BIPOLAR FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5601AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.5mm	3 3/4" (9.5cm)	AU IN
10-5602AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.5mm	3 3/4" (9.5cm)	AU IN
10-5603AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.0mm	3 3/4" (9.5cm)	AU IN
10-5605AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.25mm	3 3/4" (9.5cm)	AU IN
10-5601NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.5mm	3 3/4" (9.5cm)	NS IN
10-5602NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.5mm	3 3/4" (9.5cm)	NS IN
10-5603NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	1.0mm	3 3/4" (9.5cm)	NS IN
10-5605NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated	0.25mm	3 3/4" (9.5cm)	NS IN
15-5301	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop, irrigating, insulated	1.5mm	3 3/4" (9.5cm)	Ti IN
15-5302	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop, irrigating, insulated	0.5mm	3 3/4" (9.5cm)	Ti IN
15-5303	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop, irrigating, insulated	1.0mm	3 3/4" (9.5cm)	Ti IN
15-5310		Stylets for irrigating forceps, 5/pk			



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5604AU	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated, angled up	0.5mm	3 3/4" (9.5cm)	AU IN
10-5604NS	8 3/4" (22cm)	Bayonet non-stick bipolar forceps with stop, buried irrigation, insulated, angled up	0.5mm	3 3/4" (9.5cm)	NS IN
15-5304	8 3/4" (22cm)	Titanium bayonet bipolar forceps with stop, irrigating, insulated, angled up	0.5mm	3 3/4" (9.5cm)	Ti IN

The Kirwan Bipolar Pencil

Kirwan Surgical manufactures a variety of bipolar pencils for performing pinpoint hemostasis in delicate tissue structures. The main feature of the bipolar pencil is the insulated wire and sleeve that form the coaxial harness assembly. The harness assembly extends from the rear pins and continues out the front of the instrument. The area of coagulation is restricted to the space between the two elements. This permits discrete coagulation without excessive damage to peripheral tissue structures.



Bipolar pencils are single-piece injection molded – solid throughout.

The solid single-piece construction eliminates potential fluid seepage that could lead to a product failure. The seamless design provides electrical insulation to the internal components. The exterior surface has a knurled finish that gives a non-slip grip. An indicator is located at 12:00 on the front end and confirms the orientation of the tip. In addition, the single-piece design allows the pencil to be injection molded with autoclavable materials for repeated use as well as low cost disposable materials. Most of the bipolar pencil product line is available in both reusable and disposable styles.



Bipolar pencils are manufactured in a variety of styles and wire gauges,

including: 18 gauge, 20 gauge, 20/23 gauge tapered, 23 gauge and 25 gauge.

Reusable pencils:

The tip configurations and working lengths vary throughout the product line and, like all Kirwan reusable products, the features of the reusable bipolar pencils can be customized to suit any specific surgical indication.



ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5000	Disposable non-stick bipolar pencil, straight	18	
14-7000	Reusable TPR non-stick bipolar pencil, straight	18	



ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5002	Disposable non-stick bipolar pencil, curved	18	
14-7002	Reusable TPR non-stick bipolar pencil, curved	18	



ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5010	Disposable Widestroke™ dual coagulating non-stick bipolar pencil, 30 degree angle	18	
14-7010	Reusable Widestroke™ dual coagulating non-stick bipolar pencil, 30 degree angle	18	



ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5004	Disposable bipolar pencil, straight	20	
14-7006	Reusable TPR bipolar pencil, straight	20	



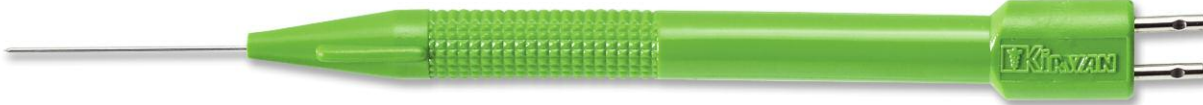
ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5006	Disposable bipolar pencil, tapered tip, sharp	20/23	
14-7008	Reusable TPR bipolar pencil, tapered tip, sharp	20/23	

14-5009



ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5009	Disposable bipolar pencil, tapered tip, blunt	20/23	
14-7009	Reusable TPR bipolar pencil, tapered tip, blunt	20/23	

14-5007



ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5007	Disposable bipolar pencil, straight	23	
14-7007	Reusable TPR bipolar pencil, straight	23	

14-5011



ITEM #	DESCRIPTION	GAUGE	FEATURES
14-5011	Disposable bipolar pencil, straight	25	

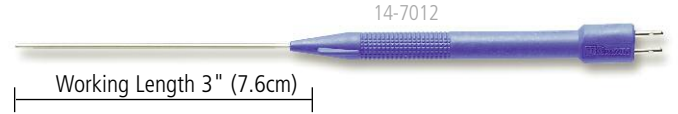
14-7013



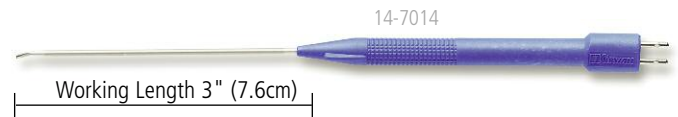
ITEM #	DESCRIPTION	GAUGE	FEATURES
14-7013	Reusable bipolar pencil, with 10mm extended center tip	20	



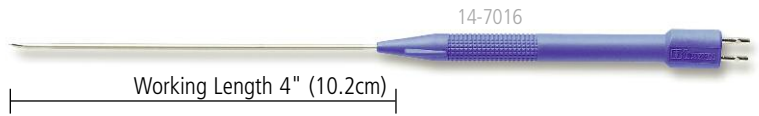
ITEM #	DESCRIPTION	FEATURES
14-5020	Disposable Abernathie bipolar pencil probe	



ITEM #	TOTAL LENGTH	DESCRIPTION	GAUGE	WORKING LENGTH	FEATURES
14-7012	7" (17.8cm)	Reusable TPR sinusoidal non-stick bipolar pencil, straight	18	3" (7.6cm)	



ITEM #	TOTAL LENGTH	DESCRIPTION	GAUGE	WORKING LENGTH	FEATURES
14-7014	7" (17.8cm)	Reusable TPR sinusoidal non-stick bipolar pencil, angled	18	3" (7.6cm)	



ITEM #	TOTAL LENGTH	DESCRIPTION	GAUGE	WORKING LENGTH	FEATURES
14-7016	8" (20.3cm)	Reusable TPR non-stick bipolar pencil, 10 degree angled, pencil point tip	18	4" (10.2cm)	



ITEM #	TOTAL LENGTH	DESCRIPTION	GAUGE	WORKING LENGTH	FEATURES
14-7017	12" (30.5cm)	Reusable TPR non-stick bipolar pencil, dome tip	18	8" (20.3cm)	



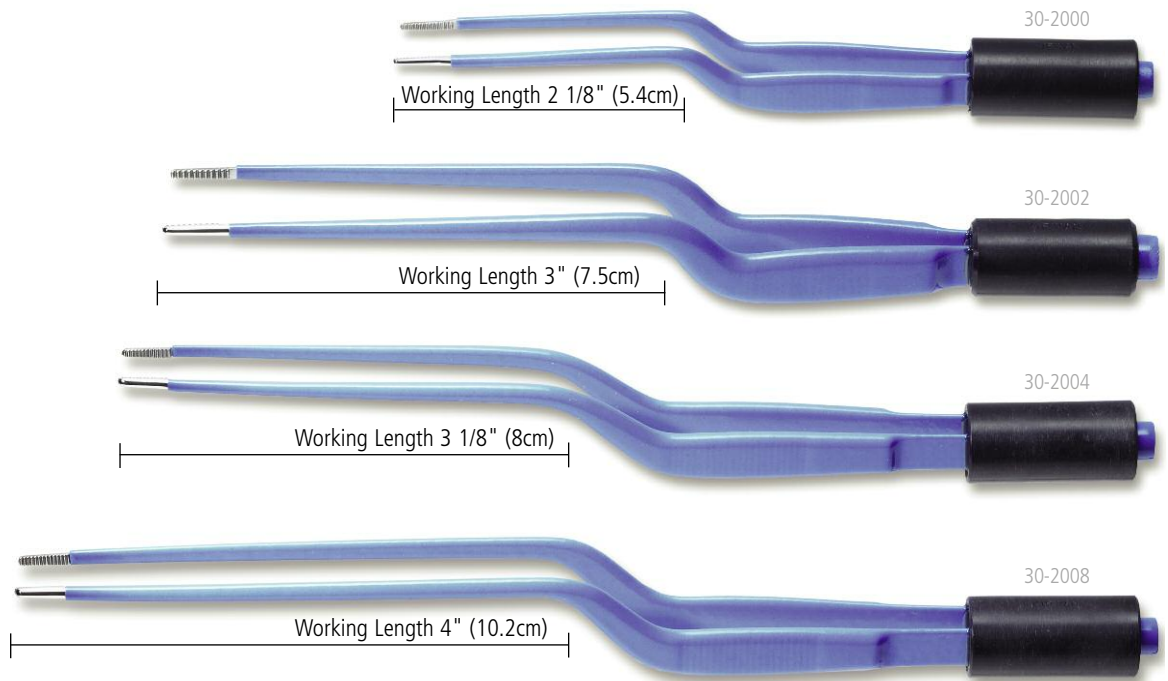
ITEM #	TOTAL LENGTH	DESCRIPTION	GAUGE	WORKING LENGTH	FEATURES
14-7018	15 3/4" (40cm)	Reusable TPR non-stick bipolar pencil, 10 degree angled, pencil point tip	18	11 3/4" (29.9cm)	



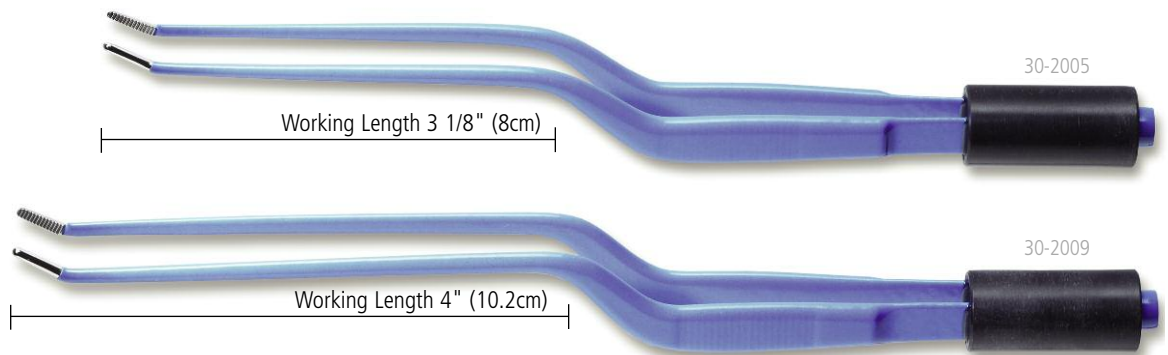
MONOPOLAR PRODUCTS

Kirwan offers a variety of reusable and disposable bayonet monopolar forceps with serrated tips. Kirwan's monopolar forceps are also offered in a straight version and a handswitch version.

BAYONET MONOPOLAR FORCEPS

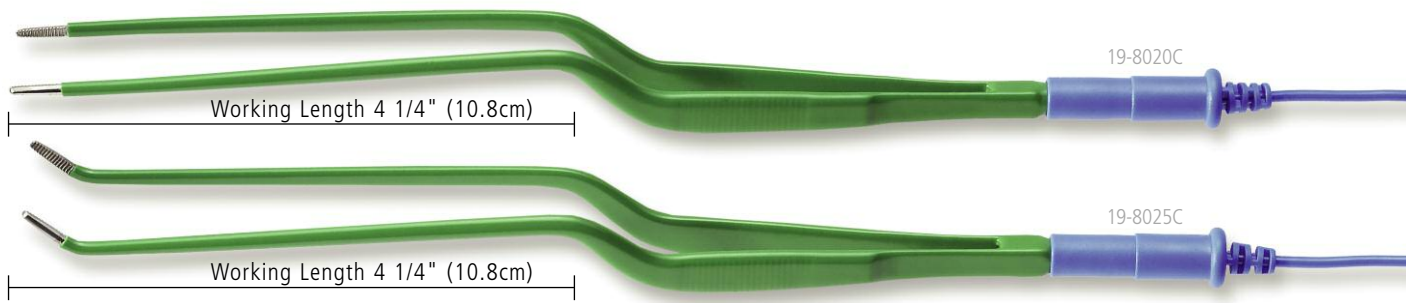


ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-2000	5 1/4" (13.3cm)	Bayonet monopolar forceps, insulated, serrated	1.5mm	2 1/8" (5.4cm)	SS IN
30-2002	6 1/4" (15.9cm)	Bayonet monopolar forceps, insulated, serrated	1.5mm	3" (7.5cm)	SS IN
30-2004	7 1/2" (19cm)	Bayonet monopolar forceps, insulated, serrated	2.0mm	3 1/8" (8cm)	SS IN
30-2008	8 1/4" (21cm)	Bayonet monopolar forceps, insulated, serrated	2.0mm	4" (10.2cm)	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-2005	7 1/2" (19cm)	Bayonet monopolar forceps, insulated, angled, serrated	2.0mm	3 1/8" (8cm)	SS IN
30-2009	8 1/4" (21cm)	Bayonet monopolar forceps, insulated, angled, serrated	2.0mm	4" (10.2cm)	SS IN

BAYONET / STRAIGHT MONOPOLAR FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-8020C	9" (22.9cm)	Disposable bayonet monopolar forceps, insulated, straight, serrated, with 10' cord	2.0mm	4 1/4 (10.8cm)	SS IN
19-8021C	9" (22.9cm)	Disposable bayonet monopolar forceps, insulated, with 10' cord	1.0mm	4 1/4 (10.8cm)	SS IN
19-8025C	9" (22.9cm)	Disposable bayonet monopolar forceps, insulated, angled up, serrated, with 10' cord	2.0mm	4 1/4 (10.8cm)	SS IN
19-8026C	9" (22.9cm)	Disposable bayonet monopolar curved forceps, insulated, with 10' cord	1.0mm	4 1/4 (10.8cm)	SS IN

STRAIGHT MONOPOLAR FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
30-3000	4 1/2" (11.4cm)	Jewelers straight monopolar forceps, insulated, smooth	0.4mm	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
30-3010	4 3/4" (12.1cm)	Adson monopolar forceps, insulated, smooth	1.0mm	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	FEATURES
30-3012	7" (17.5cm)	Potts-Smith monopolar forceps, insulated, serrated	2.0mm	SS IN
30-3014	8 1/4" (21cm)	Potts-Smith monopolar forceps, insulated, serrated	2.0mm	SS IN
30-3016	9 1/2" (24.1cm)	Potts-Smith monopolar forceps, insulated, serrated	2.0mm	SS IN

HANDSWITCH FORCEPS



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-7000	5 1/2" (14cm)	Handswitch monopolar forceps, insulated, serrated, with 10' cord	2.0mm	3 1/8"(8cm)	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-7001	5 1/2" (14cm)	Handswitch monopolar forceps, insulated, curved serrated, with 10' cord	2.0mm	3 1/8"(8cm)	SS IN



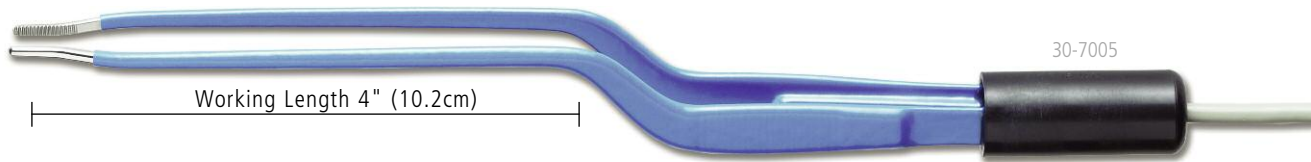
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-7002	7 1/2" (19cm)	Handswitch monopolar forceps, insulated, serrated, with 10' cord	2.0mm	3 1/4"(8.3cm)	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-7003	7 1/2" (19cm)	Handswitch monopolar forceps, insulated, curved serrated, with 10' cord	2.0mm	3 1/4"(8.3cm)	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-7004	8 1/2" (21.6cm)	Handswitch monopolar forceps, insulated, serrated, with 10' cord	2.0mm	4"(10.2cm)	SS IN



ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-7005	8 1/2" (21.6cm)	Handswitch monopolar forceps, insulated, curved serrated, with 10' cord	2.0mm	4"(10.2cm)	SS IN

ELECTRODES

30-6001

30-6002

30-6003

30-6004

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-6001	15" (38cm)	Monopolar electrode, insulated, hook tip	IN
30-6002	15" (38cm)	Monopolar electrode, insulated, spoon tip	IN
30-6003	15" (38cm)	Monopolar electrode, insulated, spatula tip	IN
30-6004	15" (38cm)	Monopolar electrode, insulated, knife tip	IN

CHUCK HANDLES

30-4000

30-4003

ITEM #	TOTAL LENGTH	DESCRIPTION
30-4000	6" (15cm)	Monopolar chuck handle with 6" cord
30-4001	6" (15cm)	Monopolar chuck handle with 10" cord
30-4002	6" (15cm)	Monopolar chuck handle with 15" cord
30-4003	8 1/2" (22cm)	Monopolar chuck handle with 6" cord
30-4004	8 1/2" (22cm)	Monopolar chuck handle with 10" cord
30-4005	8 1/2" (22cm)	Monopolar chuck handle with 15" cord

CUT AND COAG PUSH BUTTON PENCIL

30-4100

ITEM #	DESCRIPTION
30-4100	Reusable monopolar cut and coag. push button pencil with 10' cord



SUCTION COAGULATORS

Kirwan Surgical Products LLC offers both disposable bipolar and disposable monopolar suction coagulators.

The disposable bipolar suction coagulators are offered in two lengths with two diameters, are malleable and are used with a standard bipolar cord.

The disposable monopolar suction coagulators are offered in two lengths and include an attached cord with a standard resectoscope pin connector.

BIPOLAR SUCTION COAGULATOR

14-9002



14-9004



14-9006

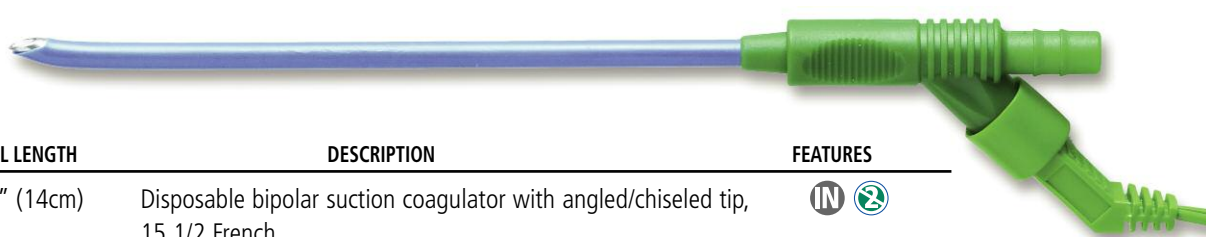


14-9008



ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
14-9002	5 1/2" (14cm)	Disposable bipolar suction coagulator, 11 French	IN
14-9004	5 1/2" (14cm)	Disposable bipolar suction coagulator, 13 French	IN
14-9006	7 1/2" (19cm)	Disposable bipolar suction coagulator, 11 French	IN
14-9008	7 1/2" (19cm)	Disposable bipolar suction coagulator, 13 French	IN

14-9020



ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
14-9020	5 1/2" (14cm)	Disposable bipolar suction coagulator with angled/chiseled tip, 15 1/2 French	IN

MONOPOLAR SUCTION COAGULATORS

30-5200



30-5201

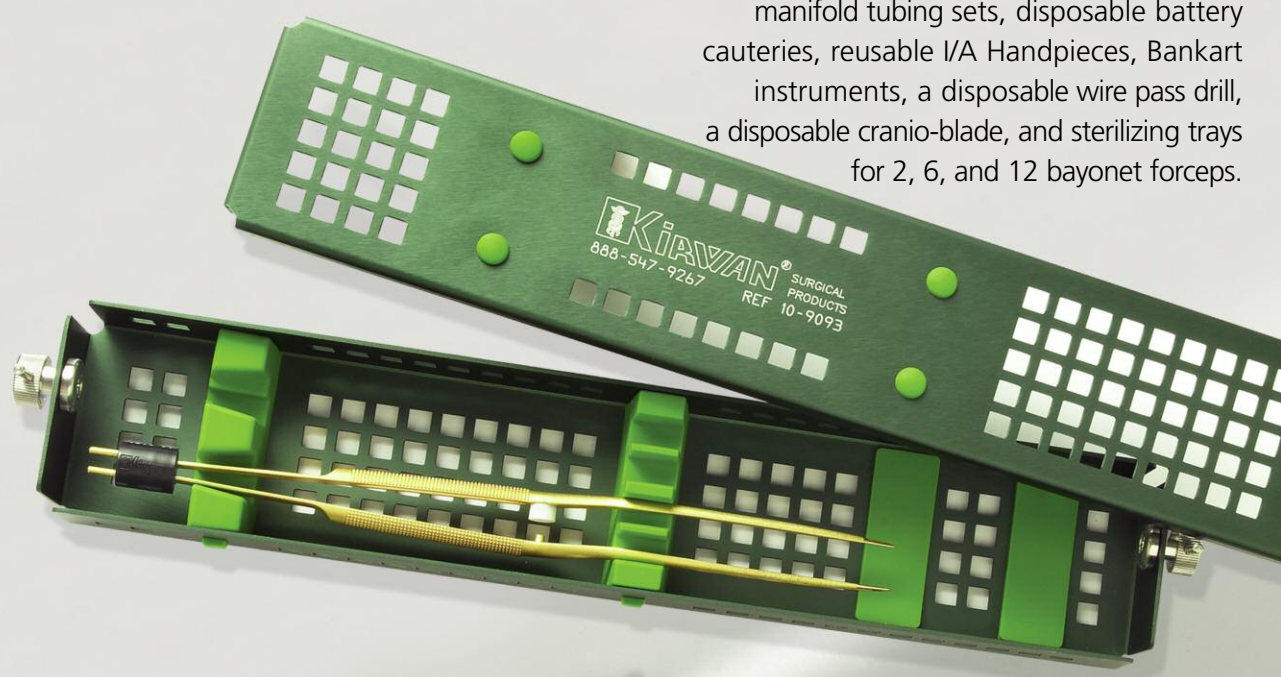


ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-5200	5 1/2" (14cm)	Disposable monopolar suction coagulator, 10 French with 10' resectoscope pin cord	IN
30-5201	8" (20cm)	Disposable monopolar suction coagulator, 10 French with 10' resectoscope pin cord	IN



MISCELLANEOUS

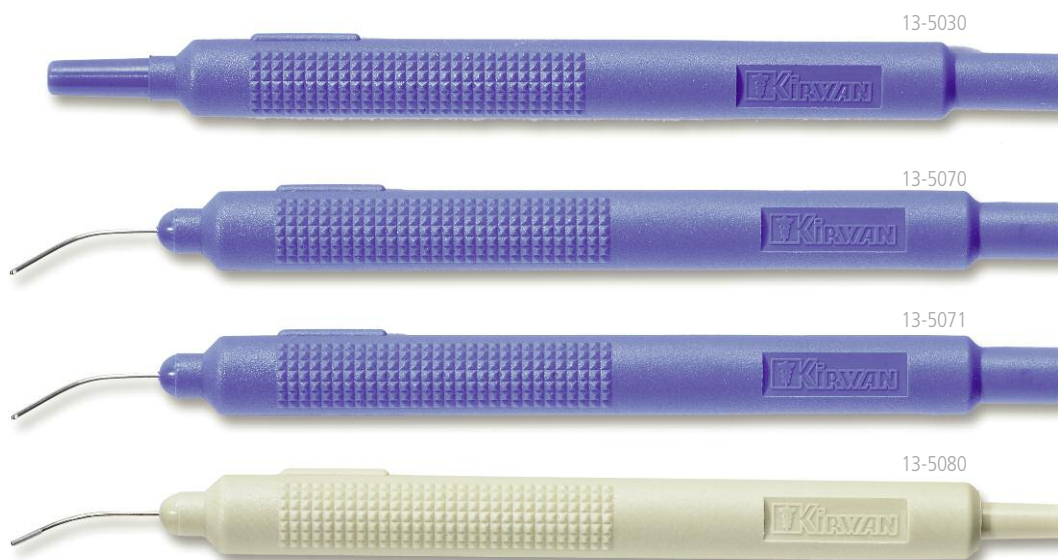
Kirwan Surgical Products LLC offers a variety of miscellaneous items including manifold tubing sets, disposable battery cauteries, reusable I/A Handpieces, Bankart instruments, a disposable wire pass drill, a disposable cranio-blade, and sterilizing trays for 2, 6, and 12 bayonet forceps.



I/A HANDPIECES



ITEM #	DESCRIPTION	PORT
13-5000	Reusable I/A handpiece, straight	0.3mm aspiration port
13-5010	Reusable I/A handpiece, curved 45 degree	0.3mm aspiration port
13-5020	Reusable I/A handpiece, Binkhorst-type	0.3mm aspiration port
13-5040	Reusable I/A handpiece, curved 90 degree	0.3mm aspiration port
13-5050	Reusable I/A handpiece, curved shaft	0.3mm aspiration port



ITEM #	DESCRIPTION	GAUGE	PORT
13-5030	Reusable I/A handpiece, irrigation or aspiration		
13-5070	Reusable bimanual irrigation handpiece, curved	21	Dual 0.5mm side ports
13-5071	Reusable bimanual irrigation handpiece, curved	23	Dual 0.5mm side ports
13-5080	Reusable bimanual aspiration handpiece, curved	23	0.3mm aspiration port



ITEM #	DESCRIPTION
50-1020	Fukuda retractor

BANKART SETS



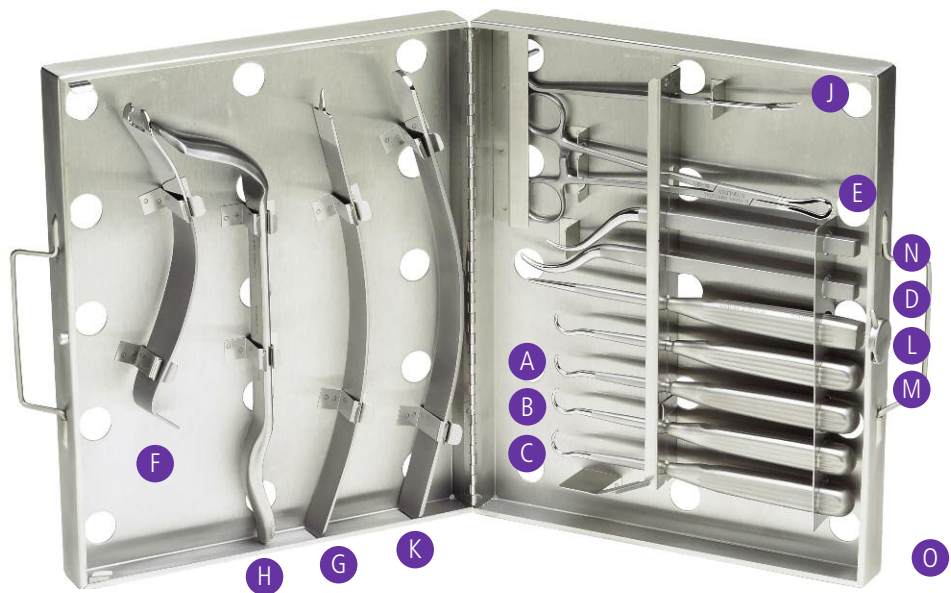
50-1010 Basic set with sterilizing case.

A	50-1004	7 1/2" Curved Awl
B	50-1005	7 1/2" Curved Hook
C	50-1007	7 1/2" Ligature Carrier
D	50-1002	8 1/4" Curved Spike #2
E	50-1003	7 3/4" Glenoid Reaming Forceps
F	50-1000	7" Improved Humeral Head Retractor
G	50-1001	10" Capsule Retractor
H	50-1006	10 1/2" Bone Skid
I	50-1009	Sterilizing Case

50-1017 Complete set with sterilizing case.

The complete set includes the basic shoulder repair set plus:

J	50-1011	7" Capsule Fork (Pickle Fork)
K	50-1012	11" Muscle Retractor
L	50-1013	8 1/4" Scaphoid Gouge
M	50-1014	7 1/2" Fine Curved Awl
N	50-1015	7 1/2" Curved Spike #3
O	50-1016	Expanded Sterilizing Case



DRILL / CRANIO BLADE



40-1000

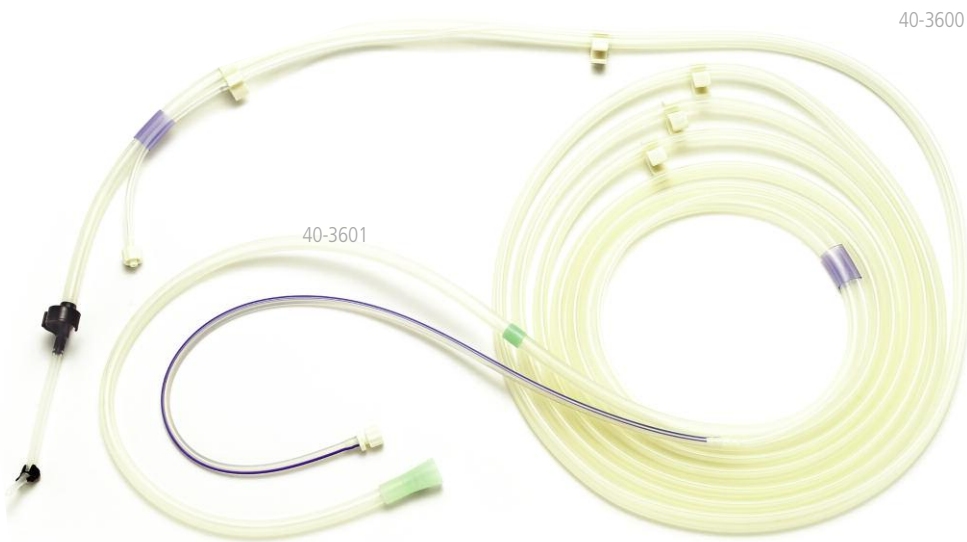
ITEM #	DESCRIPTION	FEATURES
40-1000	Disposable wire pass drill, sterile	



40-1001

ITEM #	DESCRIPTION	FEATURES
40-1001	Disposable cranio-blade, sterile	

MANIFOLD TUBING SETS



40-3600

40-3601

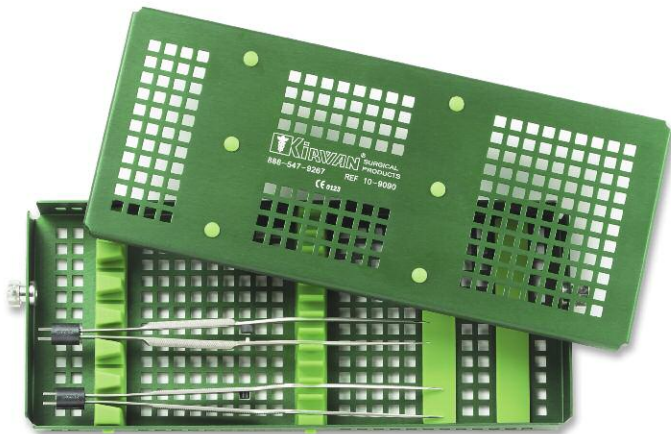


ITEM #	DESCRIPTION	FEATURES
40-3600	23kHz Manifold tubing set, sterile	
40-3601	36kHz Manifold tubing set, sterile	

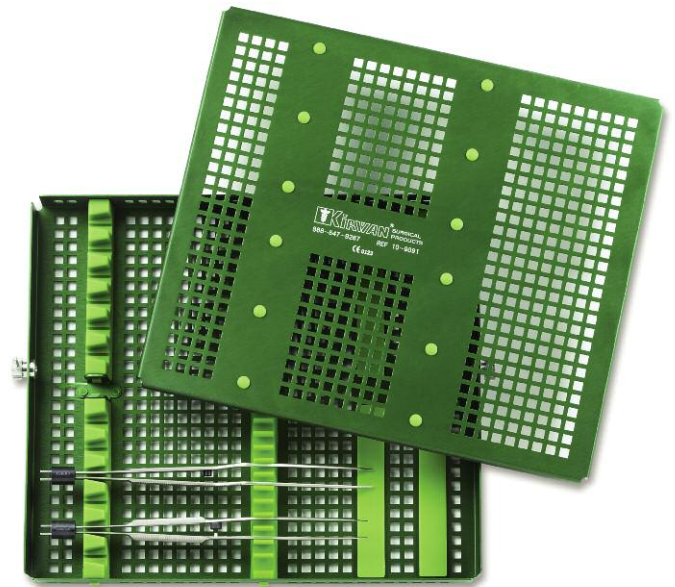


ITEM #	DESCRIPTION	FEATURES
41-6120	Disposable cautery, low temperature, fine tip	
41-6125	Disposable cautery, variable low temperature, fine tip	
41-6130	Disposable cautery, high temperature, loop tip	
41-6140	Disposable cautery, high temperature, fine tip	
41-6145	Disposable cautery, variable high temperature, fine tip	

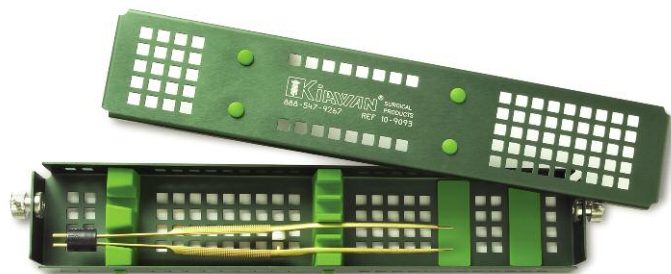




ITEM #	DESCRIPTION
10-9090	Sterilizing tray for six (6) bayonet forceps

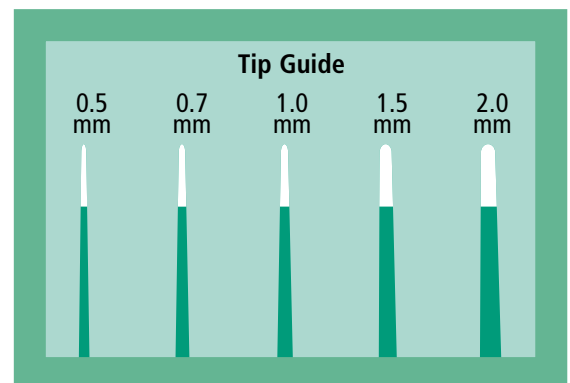


ITEM #	DESCRIPTION
10-9091	Sterilizing tray for twelve (12) bayonet forceps



ITEM #	DESCRIPTION
10-9093	Sterilizing tray for two (2) bayonet forceps

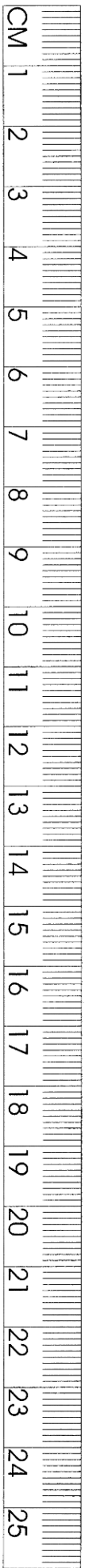
ITEM #	DESCRIPTION
10-9095	Silicone inserts for the 10-9090 and 10-9091 (1 set of 6) (2 sets required for 10-9091)
10-9096	Locks for the 10-9090, 10-9091 and 10-9093



Kirwan #	Page #	Kirwan #	Page #	Kirwan #	Page #
10-1002	15	10-5201NS	22	11-1303	41
10-1003	15	10-5202NS	22	11-1402AU	31
10-1102AU	15	10-5203NS	22	11-1403AU	16
10-1202NS	15	10-5204NS	23	11-1603AU	41
10-1203NS	15	10-5205NS	22	11-1603NS	41
10-1213NS	15	10-5400AU	23	12-1000	16
10-1302	42	10-5400EAU	27	12-1030	17
10-1303	42	10-5400NS	23	12-1035	17
10-1403AU	15	10-5401AU	22	12-1040	30
10-1403EAU	27	10-5401EAU	27	12-1045	31
10-1413AU	15	10-5401NS	22	12-1075	29
10-1603AU	42	10-5402AU	22	12-1080	29
10-1603NS	42	10-5402NS	22	12-1090	30
10-2000	31	10-5403AU	22	12-1092	30
10-2001	31	10-5403EAU	27	12-1095	30
10-2002	31	10-5403NS	22	12-1130AU	17
10-2004	16	10-5404AU	23	12-1131AU	17
10-2100AU	31	10-5404NS	23	12-1132AU	17
10-2101AU	31	10-5405AU	22	12-1140AU	30
10-2200NS	31	10-5405NS	22	12-1175AU	29
10-2201NS	31	10-5601AU	45	12-1180AU	29
10-2202NS	31	10-5601NS	45	12-1190AU	30
10-2204NS	16	10-5602AU	45	12-1192AU	30
10-2304	41	10-5602NS	45	12-1195AU	30
10-2402AU	31	10-5603AU	45	12-1200NS	16
10-2404AU	16	10-5603NS	45	12-1230NS	17
10-2404EAU	27	10-5604AU	45	12-1231NS	17
10-2604AU	41	10-5604NS	45	12-1232NS	17
10-2604NS	41	10-5605AU	45	12-1235NS	17
10-3000	29	10-5605NS	45	12-1236NS	17
10-3001	29	10-6000	10	12-1237NS	17
10-3002	29	10-6000V	10	12-1238NS	17
10-3005	29	10-6002	10	12-1240NS	30
10-3010	30	10-6005	10	12-1245NS	31
10-3015	30	10-6005V	10	12-1275NS	29
10-3100AU	29	10-6006	10	12-1280NS	29
10-3101AU	29	10-6010	11	12-1290NS	30
10-3105AU	29	10-6011	11	12-1292NS	30
10-3110AU	30	10-6012	11	12-1295NS	30
10-3200NS	29	10-6020	11, 28	12-1300	41
10-3201NS	29	10-6025	11	12-1330	42
10-3202NS	29	10-6050	11	12-1335	42
10-3205NS	29	10-6060	11	12-1400AU	16
10-3210NS	30	10-6075	11	12-1400EAU	27
10-3215NS	30	10-6076	11	12-1429AU	17
10-3402AU	29	10-6500	12	12-1432AU	17
10-3415AU	30	10-6575	12	12-1432EAU	27
10-4000	9	10-7001	12	12-1433AU	17
10-4000V	9	10-7050	12	12-1433EAU	27
10-4001	9	10-9070	6	12-1434AU	17
10-4001V	9	10-9090	20, 65	12-1434EAU	27
10-4005	9	10-9091	20, 65	12-1435AU	17
10-4005V	9	10-9093	20, 65	12-1436AU	17
10-4006	9	10-9095	65	12-1437AU	17
10-4601	9	10-9096	65	12-1437EAU	27
10-4602	9	11-1000	31	12-1438AU	17
10-4611	9	11-1001	16	12-1438EAU	27
10-5000	10	11-1002	31	12-1445AU	31
10-5000V	10	11-1003	16	12-1600AU	41
10-5100AU	23	11-1100AU	31	12-1600NS	41
10-5101AU	22	11-1101AU	16	12-1629AU	42
10-5102AU	22	11-1200NS	31	12-1632AU	42
10-5103AU	22	11-1201NS	16	12-1633AU	42
10-5104AU	23	11-1202NS	31	12-1634AU	42
10-5105AU	22	11-1203NS	16	12-1635AU	42
10-5200NS	23	11-1301	41	12-1635NS	42

Kirwan #	Page #	Kirwan #	Page #	Kirwan #	Page #
12-1636AU	42	15-1435AU	26	19-1236AU	37
12-1637AU	42	15-1436AU	26	19-1236C	40
12-1638AU	42	15-1437AU	26	19-1240	39
12-5100AU	24	15-1438AU	26	19-1240AU	37
12-5101AU	24	15-2103	32	19-1240C	39
12-5102AU	24	15-2104	32	19-1275	38
12-5103AU	24	15-2105	32	19-1275C	38
12-5104AU	24	15-2107	32	19-1280	38
12-5105AU	24	15-2108	32	19-1280C	38
12-5106AU	24	15-2109	32	19-1290	38
12-5107AU	24	15-2404AU	26	19-1290C	38
12-5108AU	24	15-3101	33	19-1295	38
12-5109AU	24	15-3103	32	19-1295C	38
12-5110AU	24	15-3104	33	19-2000	39
12-5111AU	24	15-3105	33	19-2000AU	37
13-5000	61	15-3109	33	19-2000C	39
13-5010	61	15-3110	33	19-2002	39
13-5020	61	15-5101	22	19-2002AU	37
13-5030	61	15-5102	22	19-2002C	39
13-5040	61	15-5103	22	19-2004	39
13-5050	61	15-5104	23	19-2004AU	37
13-5070	61	15-5110	33	19-2004C	39
13-5071	61	15-5112	33	19-3002	38
13-5080	61	15-5301	45	19-3002AU	37
14-1031	35	15-5302	45	19-3002C	38
14-1080	34	15-5303	45	19-3010	39
14-1090	34	15-5304	45	19-3010AU	37
14-1213	35	15-5310	45	19-3010C	39
14-2001	34	15-5401AU	26	19-4601	40
14-2103	34	15-5402AU	26	19-4601C	40
14-3000	34	15-5403AU	26	19-8020C	40, 52
14-4003	35	15-5404AU	26	19-8021C	40, 52
14-4103	35	16-1030	35	19-8025C	40, 52
14-4404	35	16-1080	34	19-8026C	40, 52
14-5000	47	16-1090	34	20-1010	20
14-5002	47	16-1213	35	20-1011	20
14-5004	47	16-2000	34	20-1012	20
14-5006	47	16-2102	34	20-1013	20
14-5007	48	16-3000	34	20-1014	20
14-5009	48	16-4002	35	20-1015	20
14-5010	47	16-4102	35	20-1016	20
14-5011	48	16-4403	35	20-1017	20
14-5020	49	19-1003	39	20-1018	20
14-7000	47	19-1003AU	37	20-1019	20
14-7002	47	19-1003C	39	20-1020	20
14-7006	47	19-1103	40	20-1021	20
14-7007	48	19-1103AU	37	20-1110AU	19
14-7008	47	19-1103C	40	20-1111AU	19
14-7009	48	19-1200	39	20-1112AU	19
14-7010	47	19-1200AU	37	20-1113AU	19
14-7012	49	19-1200C	39	20-1114AU	19
14-7013	48	19-1227AU	37	20-1115AU	19
14-7014	49	19-1228	40	20-1116AU	19
14-7016	49	19-1228AU	37	20-1117AU	19
14-7017	49	19-1228C	40	20-1118AU	19
14-7018	49	19-1229	40	20-1119AU	19
14-9002	59	19-1229AU	37	20-1120AU	19
14-9004	59	19-1229C	40	20-1121AU	19
14-9006	59	19-1230	40	20-1210NS	19
14-9008	59	19-1230AU	37	20-1211NS	19
14-9020	59	19-1230C	40	20-1212NS	19
15-1400AU	26	19-1231AU	37	20-1213NS	19
15-1403AU	26	19-1231C	40	20-1214NS	19
15-1432AU	26	19-1235	40	20-1215NS	19
15-1433AU	26	19-1235AU	37	20-1216NS	19
15-1434AU	26	19-1235C	40	20-1217NS	19

Kirwan #	Page #	Kirwan #	Page #	Kirwan #	Page #
20-1218NS	19	20-1617AU	43	30-3016	52
20-1219NS	19	20-1617NS	44	30-4000	57
20-1220NS	19	20-1618AU	43	30-4001	57
20-1221NS	19	20-1618NS	44	30-4002	57
20-1310	44	20-1619AU	43	30-4003	57
20-1311	44	20-1619NS	44	30-4004	57
20-1312	44	20-1620AU	43	30-4005	57
20-1313	44	20-1620NS	44	30-4100	57
20-1314	44	20-1621AU	43	30-5110	12
20-1315	44	20-1621NS	44	30-5200	59
20-1316	44	21-1410AU	21	30-5201	59
20-1317	44	21-1411AU	21	30-5205	12
20-1318	44	21-1412AU	21	30-5210	12
20-1319	44	21-1413AU	21	30-6001	57
20-1320	44	21-1414AU	21	30-6002	57
20-1321	44	21-1415AU	21	30-6003	57
20-1410AU	18	21-1416AU	21	30-6004	57
20-1410EAU	28	21-1417AU	21	30-7000	53
20-1410NS	18	21-1418AU	21	30-7001	53
20-1411AU	18	21-1419AU	21	30-7002	53
20-1411EAU	28	21-1420AU	21	30-7003	53
20-1411NS	18	21-1421AU	21	30-7004	53
20-1412AU	18	21-1422AU	21	30-7005	53
20-1412EAU	28	21-1423AU	21	30-8000	55
20-1412NS	18	21-1424AU	21	30-8004	55
20-1413AU	18	21-1425AU	21	30-8006	55
20-1413EAU	28	21-1426AU	21	30-8007	56
20-1413NS	18	21-1427AU	21	30-8008	55
20-1414AU	18	21-1428AU	21	30-8009	56
20-1414EAU	28	21-1429AU	21	30-8010	55
20-1414NS	18	23-1411AU	25	30-8011	55
20-1415AU	18	23-1413AU	25	30-8012	56
20-1415EAU	28	23-1415AU	25	30-8013	55
20-1415NS	18	23-1417AU	25	30-8014	56
20-1416AU	18	23-1419AU	25	30-8015	55
20-1416EAU	28	23-1421AU	25	30-8016	56
20-1416NS	18	23-1431AU	25	30-8017	56
20-1417AU	18	23-1432AU	25	30-8018	56
20-1417EAU	28	23-1433AU	25	40-1000	63
20-1417NS	18	23-1451AU	25	40-1001	63
20-1418AU	18	23-1452AU	25	40-3600	63
20-1418EAU	28	26-2500	5	40-3601	63
20-1418NS	18	26-2500P	5	41-6120	64
20-1419AU	18	28-1900	5	41-6125	64
20-1419EAU	28	28-2000	6	41-6130	64
20-1419NS	18	28-2000P	6	41-6140	64
20-1420AU	18	28-2600	6	41-6145	64
20-1420EAU	28	28-2600P	6	50-1000	62
20-1420NS	18	30-1000	13	50-1001	62
20-1421AU	18	30-1201	13	50-1002	62
20-1421EAU	28	30-1203	13	50-1003	62
20-1421NS	18	30-1204	13	50-1004	62
20-1610AU	43	30-1205	13	50-1005	62
20-1610NS	44	30-1206	13	50-1006	62
20-1611AU	43	30-1208	13	50-1007	62
20-1611NS	44	30-2000	51	50-1009	62
20-1612AU	43	30-2002	51	50-1010	62
20-1612NS	44	30-2004	51	50-1011	62
20-1613AU	43	30-2005	51	50-1012	62
20-1613NS	44	30-2008	51	50-1013	62
20-1614AU	43	30-2009	51	50-1014	62
20-1614NS	44	30-3000	52	50-1015	62
20-1615AU	43	30-3003	13	50-1016	62
20-1615NS	44	30-3010	52	50-1017	62
20-1616AU	43	30-3012	52	50-1020	62
20-1616NS	44	30-3014	52		






NOTES

A series of horizontal lines for writing notes, spanning the width of the page below the ruler.



180 Enterprise Drive • Marshfield, MA 02050 USA
TEL: 781-834-9500 • 888-547-9267 • FAX: 781-834-0022
WEB: www.ksp.com • EMAIL: info@ksp.com

Copyright: Kirwan, , WIDESTROKE,  and  are registered trademarks of Kirwan Surgical Products LLC. Products protected under one or more of the following patents, 5,196,009, 5,089,002, 5,290,285, 5,116,333, 5,133,714, 5,989,249, 5,957,928, 4,890,610, 6,749,610, 6,298,550, 6,059,783, 6,228,084, 6,174,310, 6,406,476, 7,621,911, 7,402,754. All Rights Reserved. No part of this catalog may be reproduced or used without written permission. Copyright 2010 Kirwan Surgical Products LLC. All registered trademarks referenced herein are the property of their respective owners.