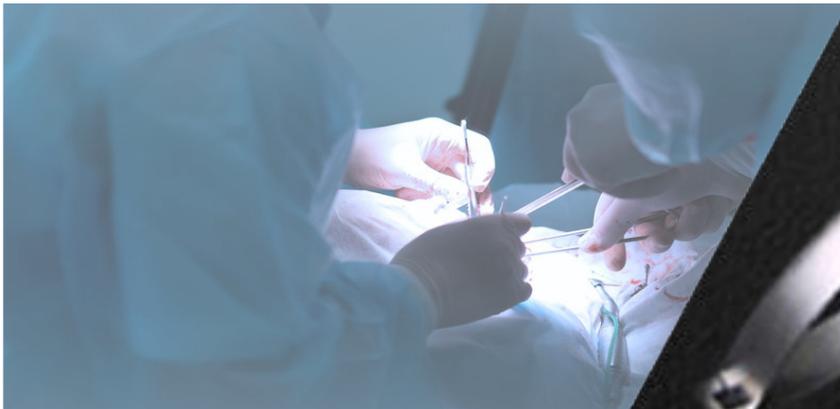




Micro & Neurosurgery Instruments



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE AND INDUSTRY
OFFICE OF JY. DIRECTOR GENERAL OF FOREIGN TRADE
C-IV, GREEN FIELD, PAKHOWAL, LUDHIANA-0

CERTIFICATE OF IMPORTER-EXPORTER CODE (IEC)

1. नाम/Name: VAISHANAV SURGICAL CO.

2. पता/Address: 128-A, SHASTRI NAGAR, NEAR RAVI DASS MANDIR, 120 FT ROAD, JALANDHAR 144001

3. इस व्यक्ति का नाम व पदनाम निम्न है/Name and Designation of the person whose photograph has been affixed on the Bank Certificate: SUMEER THUKRAL, SOLE PROP.

4. शाखा/शाखाएं/पता, यदि कोई है/Address of the Branch/Dhr./Unit if any: NIL

5. अनुमति संख्या/IEC Number: 3011011141

6. जारी करने की तिथि/Date of Issue: 13.10.2011

7. स्वयं का पत्र/पान/AGSPT4391H (R.L.MEENA)

पता/Place: Ludhiana

दिनांक/Date: 13.10.2011

विदेशी व्यापार विकास अधिकारी/Foreign Trade Development Officer

भारत सरकार/Government of India
व्यापार एवं उद्योग मंत्रालय/Ministry of Commerce & Industry
व्यापार विभाग/Department of Commerce
ऑफिस ऑफ ज. डायरेक्टर जनरल ऑफ फॉरेन ट्रेड
ग्रीन फ़िल्ड क्षेत्र, पकहवाल, लुधियाना-0
C-IV, GREEN FIELD, PAKHOWAL, LUDHIANA-0

श्री/To, श्री/To, श्री/To

श्री/From: VAISHANAV SURGICAL CO.; 128-A, SHASTRI NAGAR, NEAR RAVI DASS MANDIR, 120 FT ROAD, JALANDHAR 144001

विषय: आयात-निर्यात कोड संख्या आवंटन (आयतन). Allotment of Importer-Exporter Code Number.

श्री/श्री/से/Dear Gentleman,

आपके आवेदन पर के संदर्भ में आपको आयात-निर्यात कोड संख्या (3011011141) आवंटित किया जा रहा है। कृपया इसकी अपनी एक प्रतियां भेजें। अगर इसमें कोई त्रुटि हुई होती है तो उसे तुरंत हमें सूचित करने का कृपया प्रयास करें।

With reference to your application you have been allotted Importer-Exporter Code No (3011011141). Please check it properly. If there is any discrepancy, it may be brought to the notice of this office immediately.

कृपया इसकी अपनी एक प्रतियां भेजें। अगर इसमें कोई त्रुटि हुई होती है तो उसे तुरंत हमें सूचित करने का कृपया प्रयास करें।

सूचना का पत्र/Please acknowledge receipt.

आपका विश्वास/Your faithfully (R.L.MEENA)

विदेशी व्यापार विकास अधिकारी/Foreign Trade Development Officer

bc

Certificate of Registration

This is to certify that the Quality Management System of **VAISHANAV SURGICAL CO.** at VSCO House, Raja Garden, Near Water Tank, Basti Danishmandan, Jalandhar City-144002 Punjab (India) has been independently assessed and is conform with the requirements of: **ISO 9001:2015**

Quality Management System

For the following scope of activities: Manufacturer & Supplier of Surgical Veterinary Instruments, Hospital Hollowware's, Surgical Trays, Orthopedic Rehabilitation, Sterilizers, Hypodermic Needles, Polypropylene Moulded Syringes, Frozen Semen, Artificial Insemination Gloves and Equipments

Certificate Number: UQ-252016778

Date of Certification: 22nd November 2018
1st Surveillance Audit Due: 21st November 2019
2nd Surveillance Audit Due: 21st November 2020
Certificate Expiry (subject to the company maintaining its system to the required standard): 21st November 2021

Authorised Signatory

bc

Certificate of Registration

This is to certify that the Quality Management System For Medical Devices of **VAISHANAV SURGICAL CO.** at VSCO House, Raja Garden, Near Water Tank, Basti Danishmandan, Jalandhar City-144002 Punjab (India) has been independently assessed and is conform with the requirements of: **ISO 13485:2016**

Quality Management System For Medical Devices

For the following scope of activities: Manufacturer & Supplier of Surgical Veterinary Instruments, Hospital Hollowware's, Surgical Trays, Orthopedic Rehabilitation, Sterilizers, Hypodermic Needles, Polypropylene Moulded Syringes, Frozen Semen, Artificial Insemination Gloves and Equipments

Certificate Number: UQ-482175844

Validity of this certificate can be verified at www.ukal.org.uk

Date of Certification: 22nd November 2018
1st Surveillance Audit Due: 21st November 2019
2nd Surveillance Audit Due: 21st November 2020
Certificate Expiry (subject to the company maintaining its system to the required standard): 21st November 2021

Authorised Signatory

bc

Certificate of Compliance

CE

We hereby declare that the technical file of product class 1 complied with the requirement of the Medical Council directives 93/42/EEC of June 1993

Applicant: Certificate No: CE-8316
Name: VAISHANAV SURGICAL CO.
Address: VSCO House, Raja Garden, Near Water Tank, Basti Danishmandan, Jalandhar City-144002 Punjab (India)

Product: All Types of Surgical Instruments, Tungsten Carbide Instruments, Dental Instruments, Orthopedic Instruments, ENT Instruments, Cardio Vascular Instruments, Neuro Surgery Instruments, All Type of Forceps, All Type of Scissors, Retractors and Speculums

The Certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to Directive 93/42/EEC of June 1993 Low Voltage Directive.

This certificate is issued under the following conditions:

- It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute biological or type-examination procedures, if requested.
- The certificate remains valid until the manufacturing conditions other quality systems The CE mark is shown above cable cord, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample each of above mentioned product. It does not imply an assessment of the whole production.

Validity of this certificate can be verified at www.bci-cert.co.uk

Date of Certification: 22nd January 2019
Certificate Expiry (subject to the company maintaining its system to the required standard): 21st January 2022

Authorised Signatory

bc

Certificate of Registration

This is to certify that the Good Manufacturing Practices of **VAISHANAV SURGICAL CO.** at VSCO House, Raja Garden, Near Water Tank, Basti Danishmandan, Jalandhar City-144002 Punjab (India) has been independently assessed and is conform with the requirements of: **GMP**

Good Manufacturing Practices

For the following scope of activities: Manufacturer & Supplier of Surgical Veterinary Instruments, Hospital Hollowware's, Surgical Trays, Orthopedic Rehabilitation, Sterilizers, Hypodermic Needles, Polypropylene Moulded Syringes, Frozen Semen, Artificial Insemination Gloves and Equipments

Certificate Number: UQ-832144151

Date of Certification: 22nd November 2018
1st Surveillance Audit Due: 21st November 2019
2nd Surveillance Audit Due: 21st November 2020
Certificate Expiry (subject to the company maintaining its system to the required standard): 21st November 2021

Authorised Signatory



Vaishanav Surgial Co.

Following the 21st century vision of becoming a true global leader who can make its Customers worldwide through its quality products and services. We are dedicated to manufacturing and marketing instruments which provide practical Solutions to real life problems, And meet the needs of our customers. We insist on high quality, efficient manufacturing Teamwork, and integrity, growing from our deep respect and honour for god, our Employees, our vendors, our customers and all our other stakeholders.

We stand behind every product we offer. Each of us, from the production department To the sales department makes customer satisfaction a top priority.

The careful management of people and projects ensures we continue to enjoy our Reputation for providing excellent quality services to our customers. The most important part of our philosophy is to work in partnership with clients and This requires, in our view, direct contact between our clients and us from the word go.

We aim:

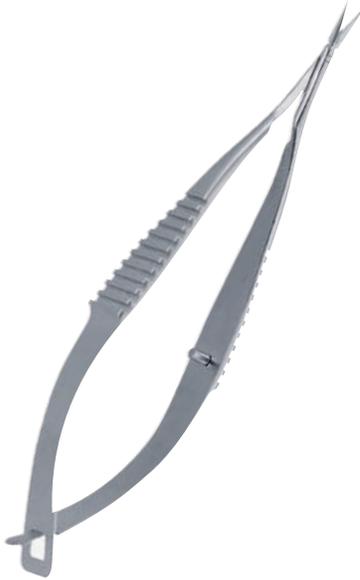
- >> To listen to our customers and exceed their expectations, ensuring they are completely Satisfied with our products, services and support so that they will continue working with us.
- >> To continue expanding our research programs in progressive technologies.
- >> To secure international recognition by adopting a global rather than local perspective And by achieving excellence in the quality of our instruments.
- >> To continue building our excellent team of top professionals through controlled expansion,



Table of Contents

Micro Scissors	_____	01 - 13
Fixation Forceps - Vascular Dilators	_____	14
Micro Suture Tying Forceps	_____	15 - 16
Micro Forceps	_____	17 - 25
Micro Needle Holders	_____	26 - 39
Aneurysm vessel-Clips	_____	40 - 46
Nerve Hooks	_____	47
Nerve Hooks & Dura Hooks	_____	48 - 50
Dura Dissectors	_____	51 - 53
Neuro - Micro Dissectors	_____	54 - 56
Neuro Dissectors & Curettes	_____	57
Laminectomy Punches	_____	58 - 63
Laminectomy Rongeurs	_____	64 - 69
Cervical Traction Tongs	_____	70
Hand Drills	_____	71
Instruments Forcranial Opening	_____	72
Self-Retaining Brain Retractors	_____	73
Brain Spatulas	_____	74

Micro scissors



VANNAS



1:1



1:1

80 mm - 3 1/4"

SF-06-60001

SF-06-60002

Vannas-blade



1:1



1:1

120 mm - 4 3/4"

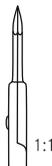
SF-06-60003

SF-06-60004

Blade 10 mm, sharp

straight

curved



1:1



1:1



1:1

120 mm - 4 3/4"

SF-06-60005

SF-06-60006

SF-06-60007

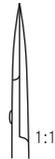
Vannas-blade

straight

curved

angled up

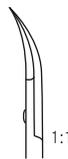
Micro scissors



150 mm – 6"

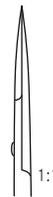
SF-06-60008

straight, short blades



SF-06-60009

curved, short blades



SF-06-60010

straight, long blades



SF-06-60011

curved, long blades



150 mm – 6"

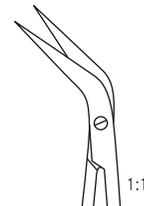
SF-06-60012

straight, saw edge



SF-06-60013

curved, saw edge



150 mm – 6"

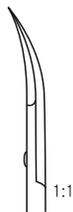
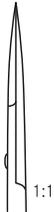
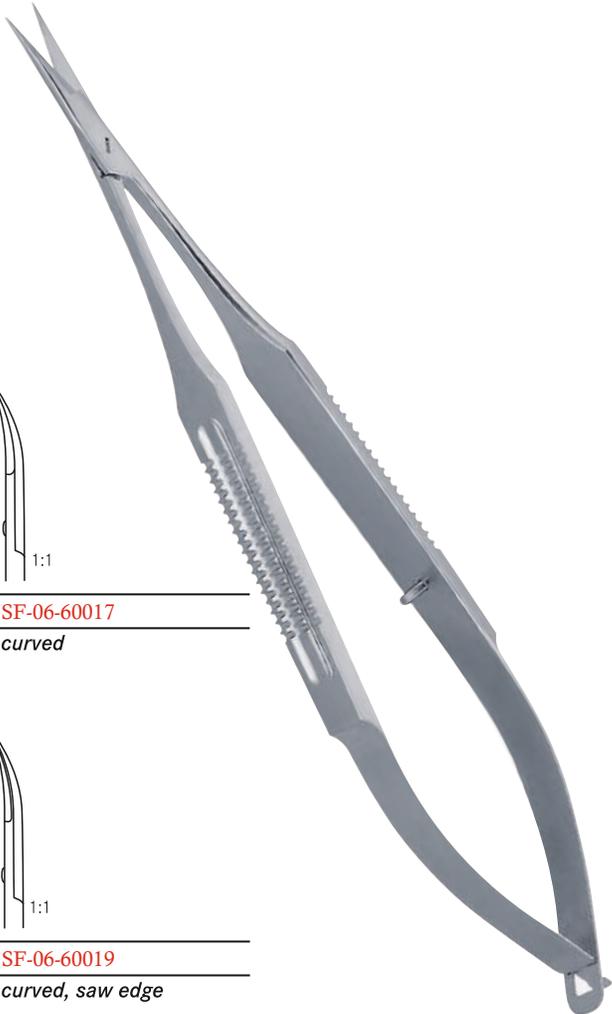
SF-06-60014

180 mm – 7"

SF-06-60015

angled on flat, 45°

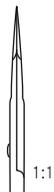
Micro scissors



120 mm - 4 3/4"	SF-06-60016	SF-06-60017
<i>Long blades 14 mm, smooth, sharp</i>	<i>straight</i>	<i>curved</i>



120 mm - 4 3/4"	SF-06-60018	SF-06-60019
<i>Long blades 14 mm, sharp</i>	<i>straight, saw edge</i>	<i>curved, saw edge</i>



145 mm - 5 3/4"	SF-06-60020	SF-06-60021
<i>Vannas-blades, smooth, sharp</i>	<i>straight</i>	<i>curved</i>

Micro scissors



YASARGIL



1:1

185 mm - 7 1/4"

SF-06-60022

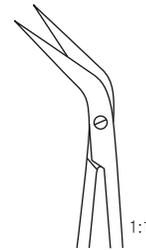
straight



1:1

SF-06-60023

curved

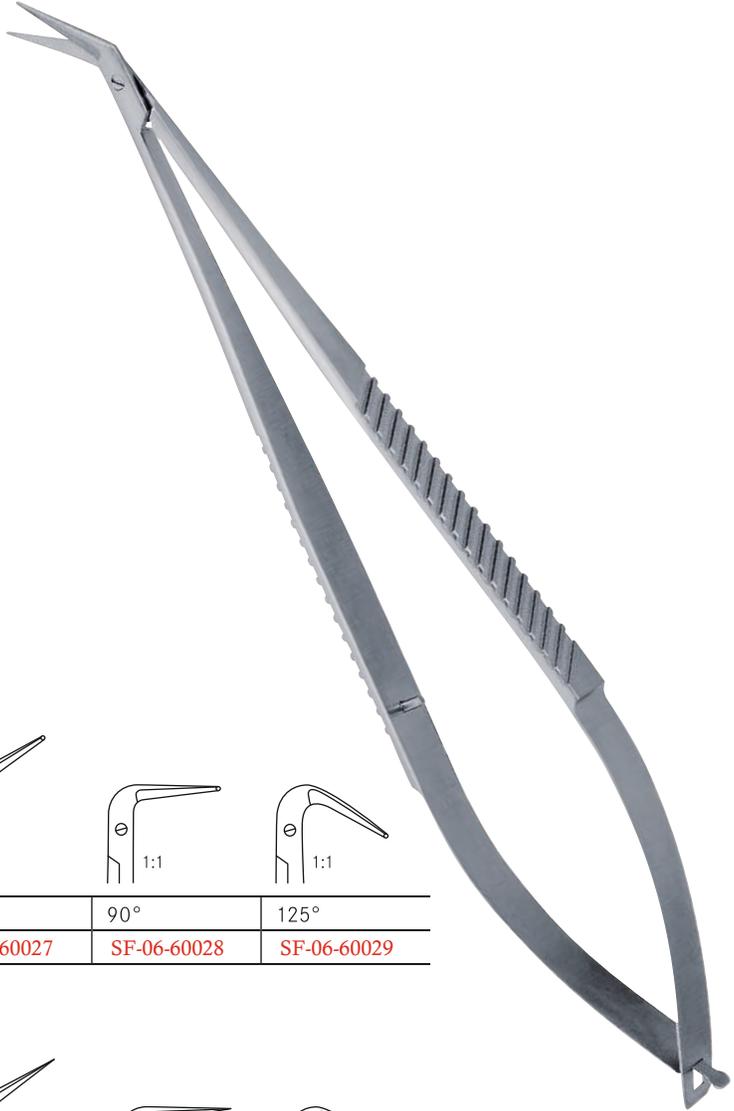


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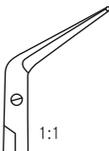
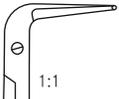
SF-06-60024

angled on flat

Micro scissors

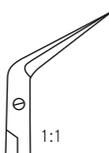
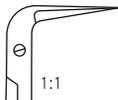
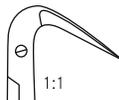


YASARGIL

					
1:1	1:1	1:1	1:1	1:1	
25°	45°	60°	90°	125°	
170 mm - 6 3/4"	SF-06-60025	SF-06-60026	SF-06-60027	SF-06-60028	SF-06-60029

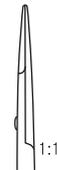
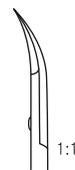
with ball

YASARGIL

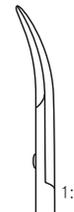
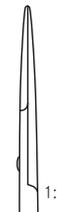
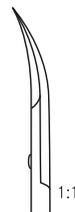
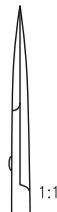
					
1:1	1:1	1:1	1:1	1:1	
25°	45°	60°	90°	125°	
170 mm - 6 3/4"	SF-06-60030	SF-06-60031	SF-06-60032	SF-06-60033	SF-06-60034

without ball

Micro scissors



145 mm – 5 3/4"	SF-06-600035	SF-06-60037	SF-06-60039	SF-06-60041
180 mm – 7"	SF-06-600036	SF-06-60038	SF-06-60040	SF-06-60042
<i>short blades 8 mm, smooth</i>	<i>straight, sharp</i>	<i>curved, sharp</i>	<i>straight, blunt</i>	<i>curved, blunt</i>

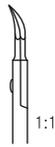


145 mm – 5 3/4"	SF-06-600043	SF-06-60045	SF-06-60047	SF-06-60049
180 mm – 7"	SF-06-600044	SF-06-60046	SF-06-60048	SF-06-60050
<i>long blades 14 mm, smooth</i>	<i>straight, sharp</i>	<i>curved, sharp</i>	<i>straight, blunt</i>	<i>curved, blunt</i>

Micro scissors

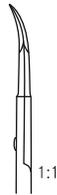
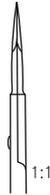


VANNAS



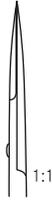
	7 mm Ø	7 mm Ø
120 mm - 5"	SF-06-60051	SF-06-60052

VANNAS



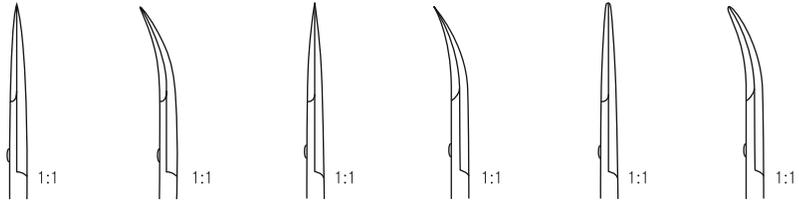
	8 mm Ø	8 mm Ø
150 mm - 6"	SF-06-60053	SF-06-60054

CASTROVIEJO



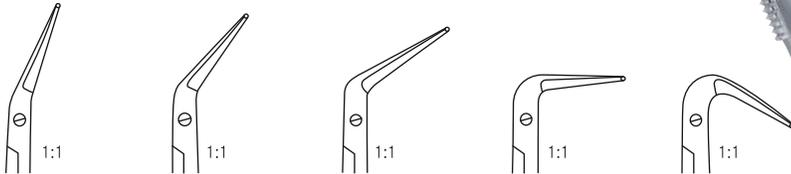
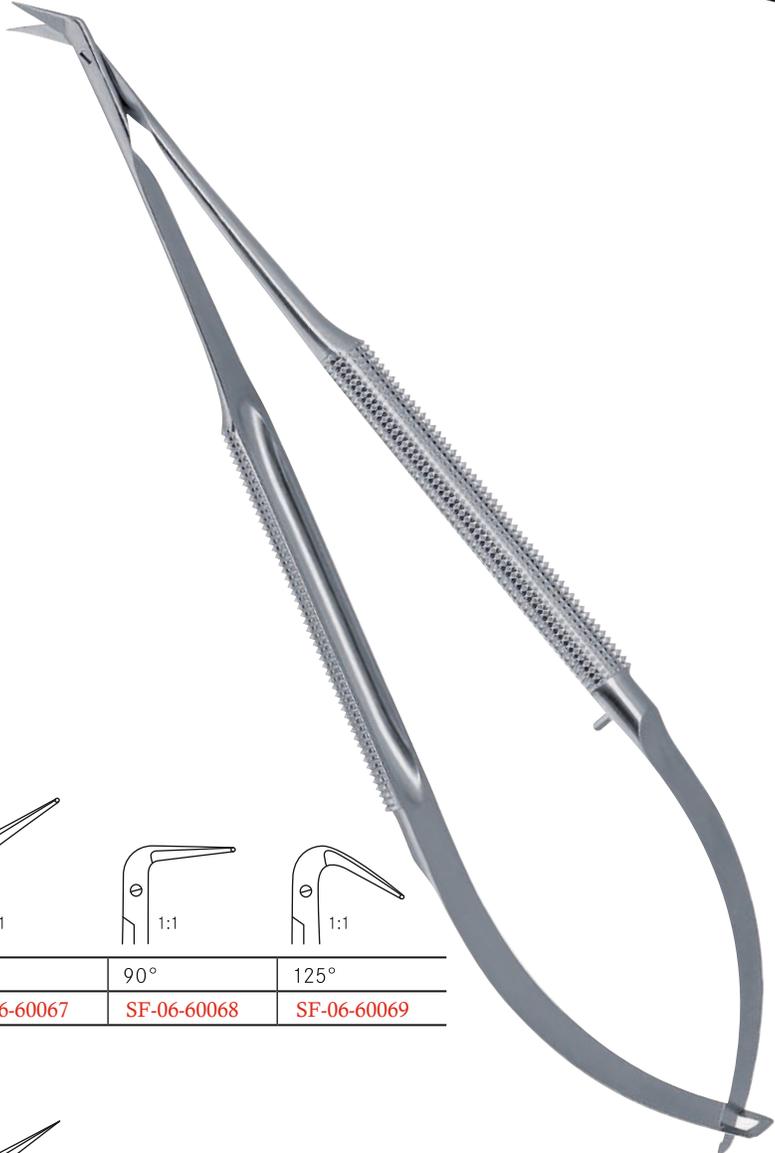
	8 mm Ø	8 mm Ø
150 mm - 6"	SF-06-60055	SF-06-60056

Micro scissors



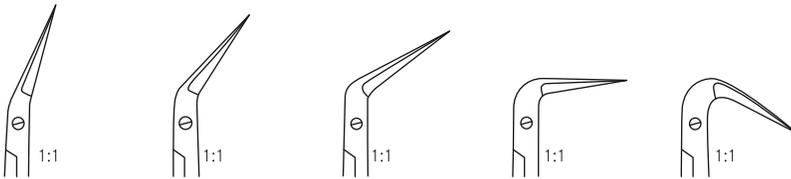
	180 mm - 7"	180 mm - 7"	180 mm - 7"	180 mm - 7"	180 mm - 7"	180 mm - 7"
8 mm Ø	SF-06-60057	SF-06-60059				
10 mm Ø	SF-06-60058	SF-06-60060	SF-06-60061	SF-06-60062	SF-06-60063	SF-06-60064

Micro scissors



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	SF-06-60065	SF-06-60066	SF-06-60067	SF-06-60068	SF-06-60069

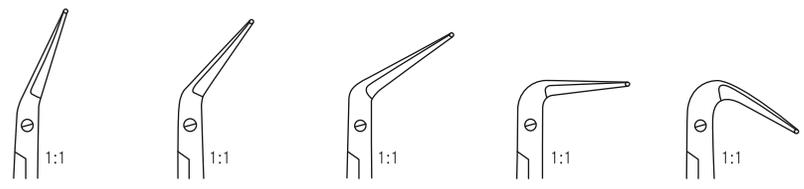
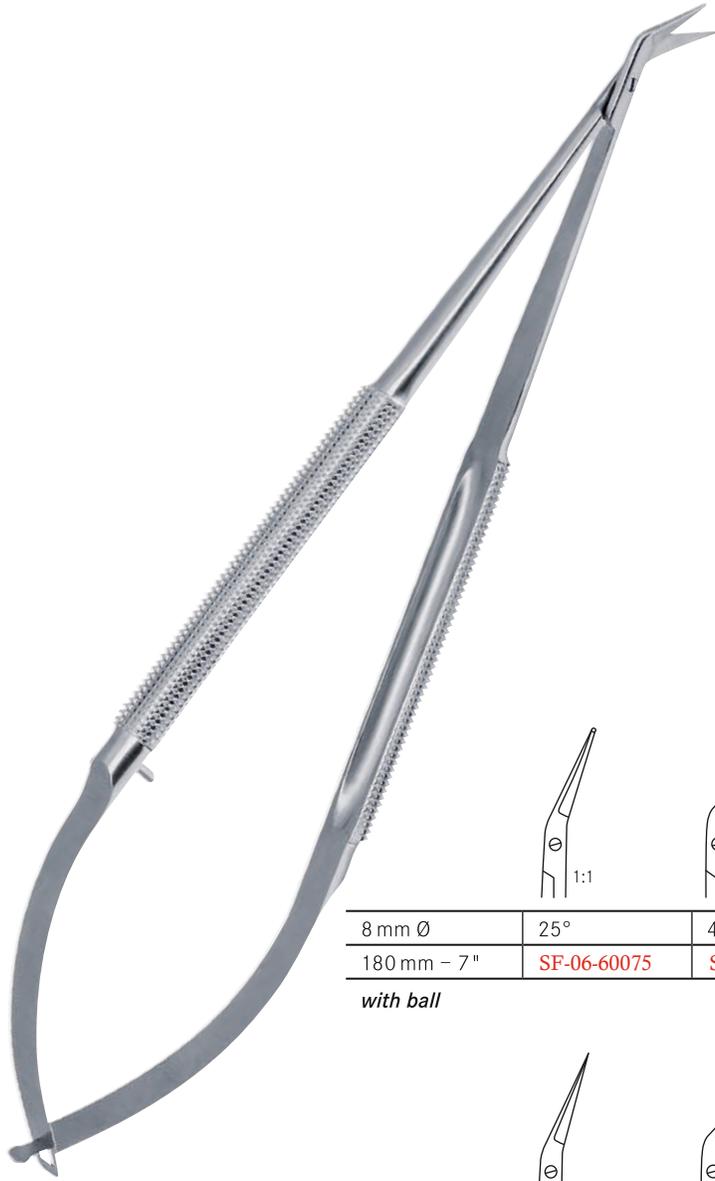
Blade 10 mm, with ball, sharp



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	SF-06-60070	SF-06-60071	SF-06-60072	SF-06-60073	SF-06-60074

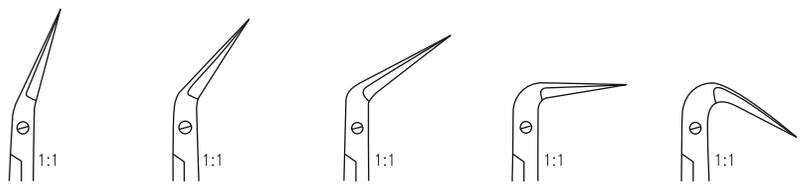
Blade 10 mm, without ball, sharp

Micro scissors



8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	SF-06-60075	SF-06-60076	SF-06-60077	SF-06-60078	SF-06-60079

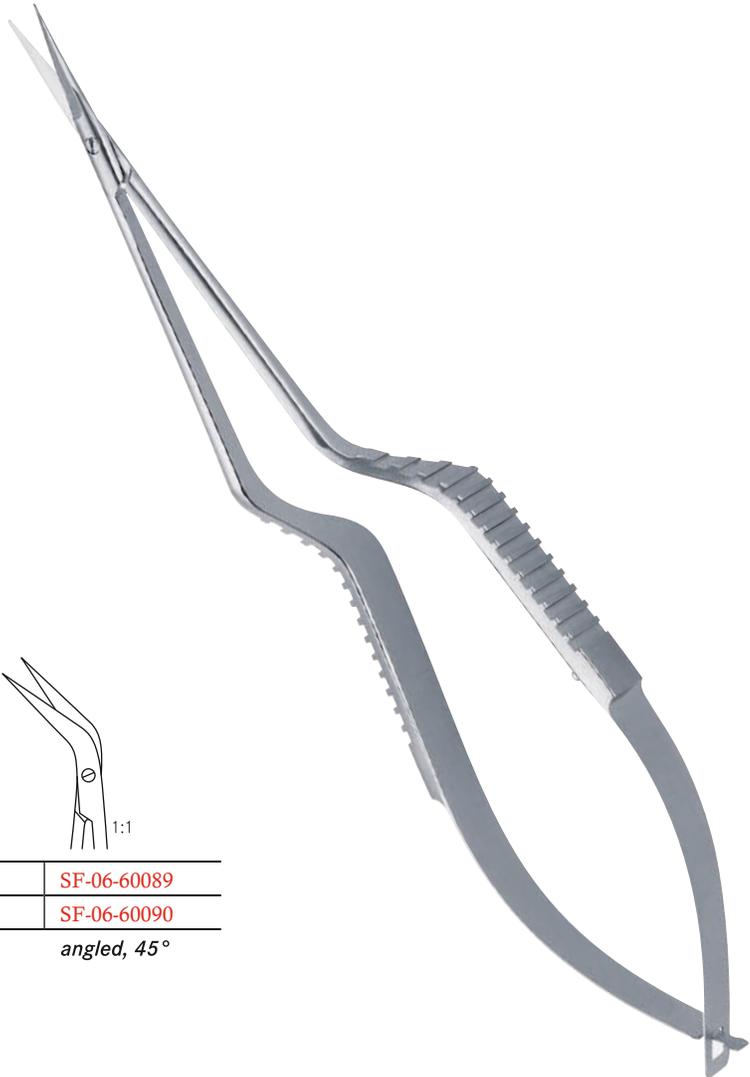
with ball



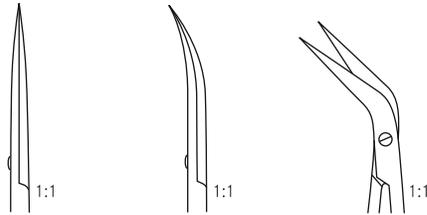
8 mm Ø	25°	45°	60°	90°	125°
180 mm – 7"	SF-06-60080	SF-06-60081	SF-06-60082	SF-06-60083	SF-06-60084

without ball

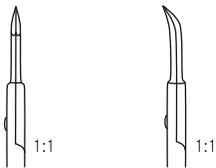
Micro scissors



JACOBSON



160 mm - 6 1/4"	SF-06-60085	SF-06-60087	SF-06-60089
180 mm - 7"	SF-06-60086	SF-06-60088	SF-06-60090
	<i>straight</i>	<i>curved</i>	<i>angled, 45°</i>



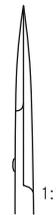
160 mm - 6 1/4"	SF-06-60091	SF-06-60093
180 mm - 7"	SF-06-60092	SF-06-60094

Vannas blade

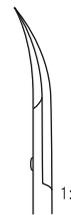
Micro scissors



**YASARGIL -
MOS.**

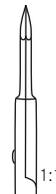


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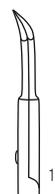


1:1

180 mm – 7"	SF-06-60095	SF-06-60097
225 mm – 8¾"	SF-06-60096	SF-06-60098



1:1

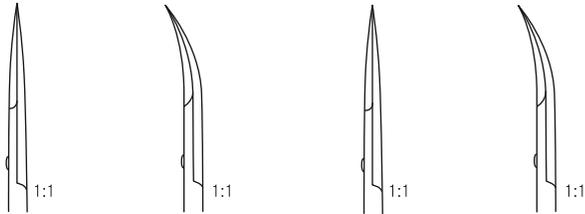
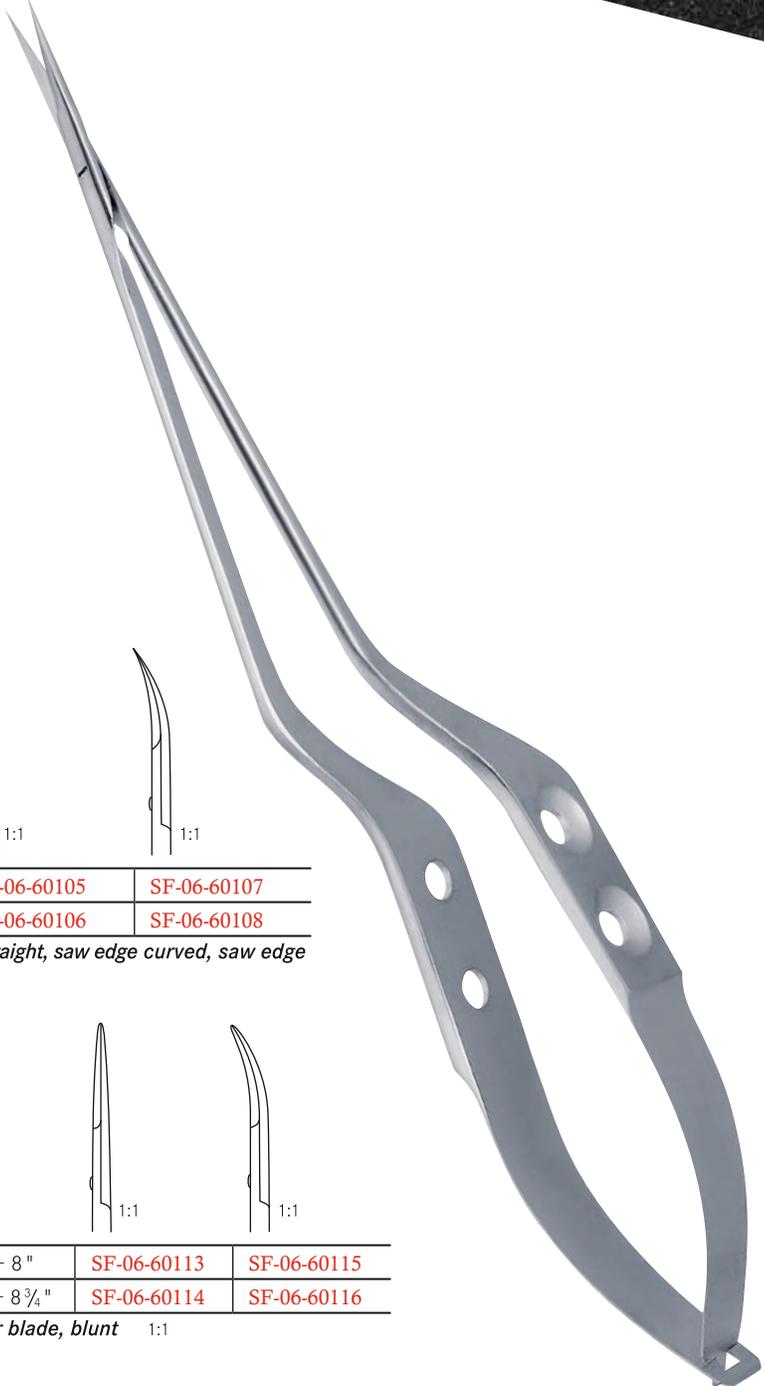


1:1

220 mm – 8¾"	SF-06-60099	SF-06-60100
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Vannas blade

Micro scissors

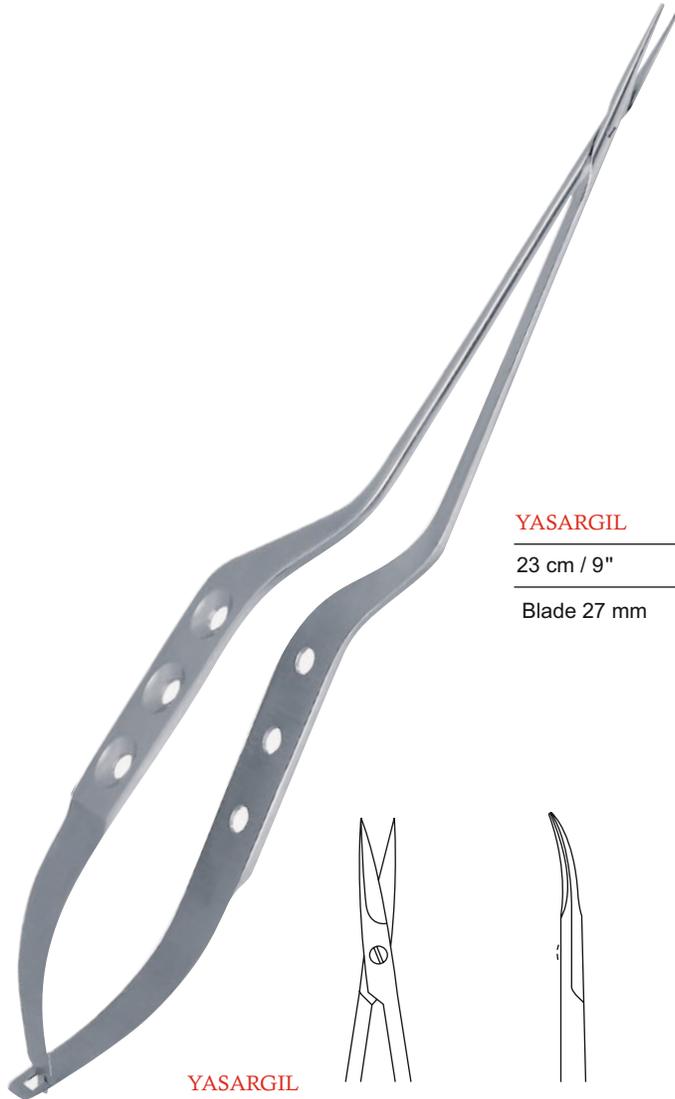


200 mm - 8"	SF-06-60101	SF-06-60103	SF-06-60105	SF-06-60107
225 mm - 8 3/4"	SF-06-60102	SF-06-60104	SF-06-60106	SF-06-60108
<i>Blade smooth, sharp</i>	<i>straight</i>	<i>curved</i>	<i>straight, saw edge curved, saw edge</i>	



200 mm - 8"	SF-06-60109	SF-06-60111	200 mm - 8"	SF-06-60113	SF-06-60115
225 mm - 8 3/4"	SF-06-60110	SF-06-60112	225 mm - 8 3/4"	SF-06-60114	SF-06-60116
<i>Vannas blade</i>			<i>Dissector blade, blunt</i>		

Micro scissors



YASARGIL

23 cm / 9"

Blade 27 mm



SF-06-60117

straight



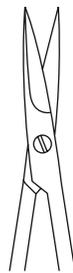
SF-06-60118

curved up

YASARGIL

23 cm / 9"

Blade 14 mm



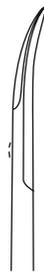
SF-06-60119

straight



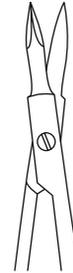
SF-06-60120

curved up



SF-06-60121

curved down



SF-06-60122

Vannas-
Straight



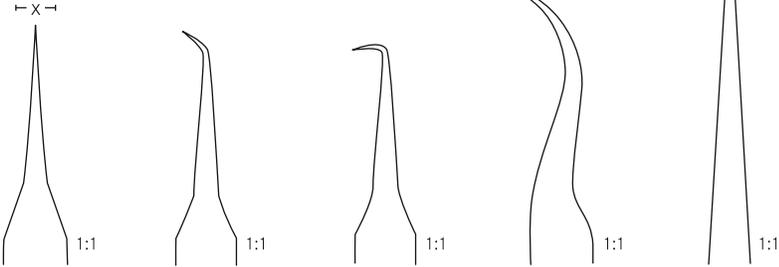
SF-06-60123

Vannas-
curved up

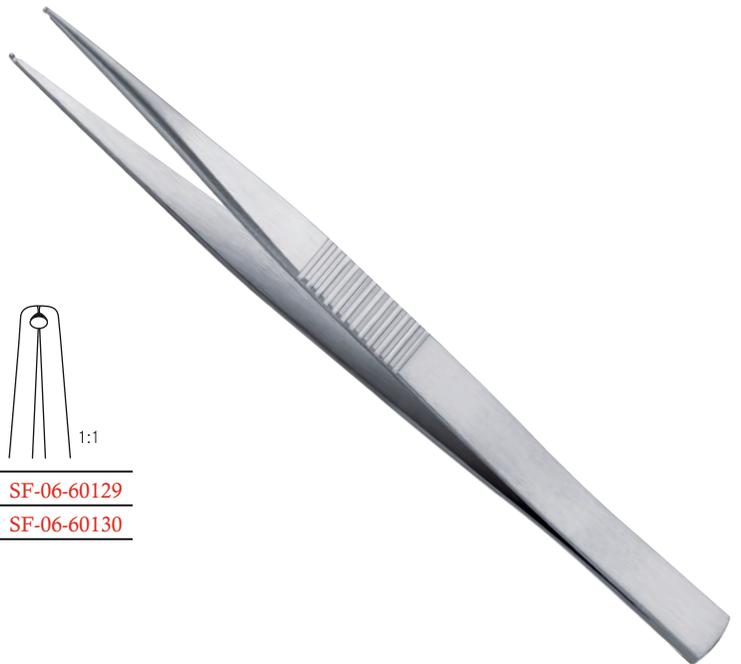
Fixation Forceps - Vascular Dilators



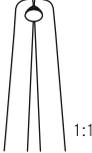
TYP JUWELIER



x = 0.2 mm	x = 0.3 mm	x = 0.3 mm	x = 0.2 mm	x = 0.3 mm
110 mm - 4 1/4"	110 mm - 4 1/4"	110 mm - 4 1/4"	120 mm - 4 3/4"	120 mm - 4 3/4"
SF-06-60124	SF-06-60125	SF-06-60126	SF-06-60127	SF-06-60128

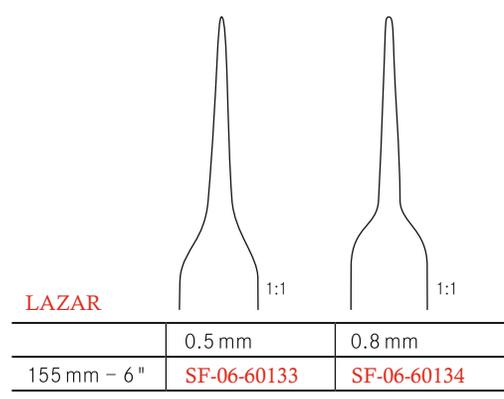
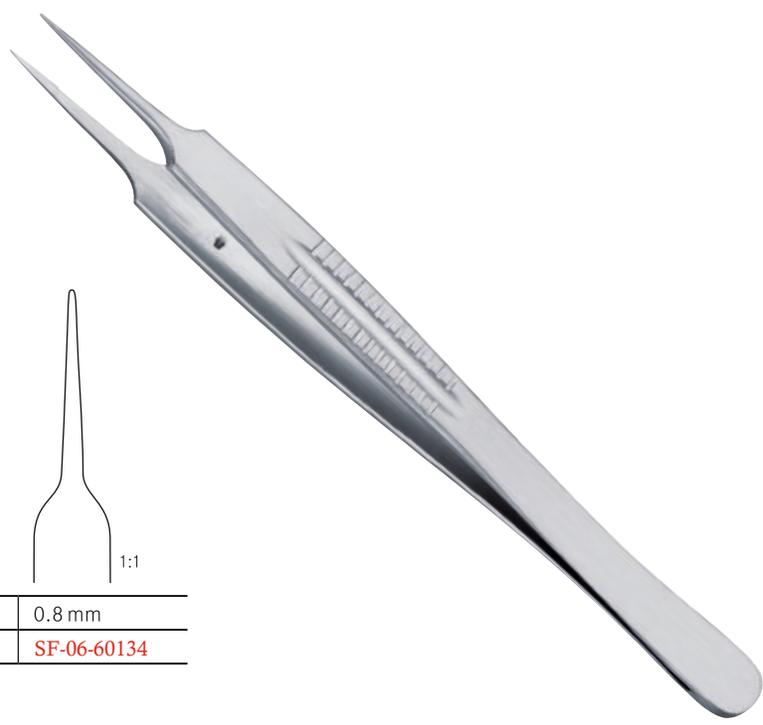
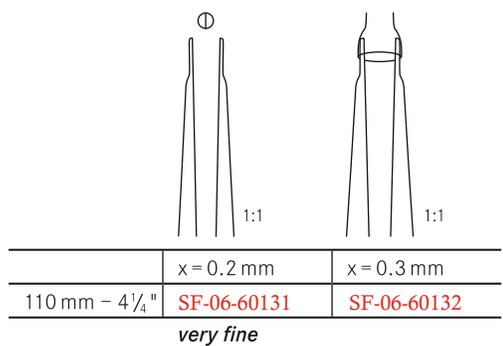


PIERSE

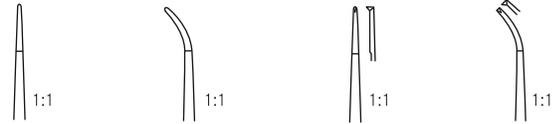


120 mm - 4 3/4"	SF-06-60129
135 mm - 5 1/4"	SF-06-60130

Micro Suture Tying Forceps



Micro Suture Tying Forceps



	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	SF-06-60135	SF-06-60136	SF-06-60137	SF-06-60138
<i>Tying platform 6.0 mm x 0.4 mm, smooth</i>			1x2	1x2

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	SF-06-60139	SF-06-60140	SF-06-60141	SF-06-60142
<i>Tying platform 6.0 mm x 0.4 mm, diamond coated</i>			1x2	1x2



	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	SF-06-60143	SF-06-60144	SF-06-60145	SF-06-60146
<i>Tying platform 6.0 mm x 0.8 mm, smooth</i>			1x2	1x2

	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
180 mm – 7"	SF-06-60147	SF-06-60148	SF-06-60149	SF-06-60150
<i>Tying platform 6.0 mm x 0.8 mm, diamond coated</i>			1x2	1x2

Micro Forceps



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	SF-06-60151	SF-06-60155	SF-06-60159	SF-06-60163
180 mm – 7"	SF-06-60152	SF-06-60156	SF-06-60160	SF-06-60164
210 mm – 8 ¼"	SF-06-60153	SF-06-60157	SF-06-60161	SF-06-60165
230 mm – 9"	SF-06-60154	SF-06-60158	SF-06-60162	SF-06-60166

Jaw smooth



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	SF-06-60167	SF-06-60171	SF-06-60175	SF-06-60179
180 mm – 7"	SF-06-60168	SF-06-60172	SF-06-60176	SF-06-60180
210 mm – 8 ¼"	SF-06-60169	SF-06-60173	SF-06-60177	SF-06-60181
230 mm – 9"	SF-06-60170	SF-06-60174	SF-06-60178	SF-06-60182

Tying platform 6.0 mm x 0.3 mm, smooth

1x2

1x2



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6"	SF-06-60183	SF-06-60187	SF-06-60191	SF-06-60195
180 mm – 7"	SF-06-60184	SF-06-60188	SF-06-60192	SF-06-60196
210 mm – 8 ¼"	SF-06-60185	SF-06-60189	SF-06-60193	SF-06-60197
230 mm – 9"	SF-06-60186	SF-06-60190	SF-06-60194	SF-06-60198

Tying platform 6.0 mm x 0.7 mm, smooth

1x2

1x2

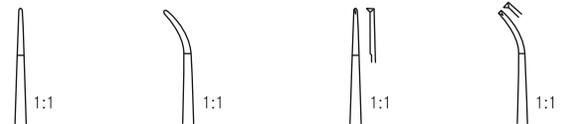


Micro Forceps



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6 "	SF-06-60199	SF-06-60203	SF-06-60207	SF-06-60211
180 mm – 7 "	SF-06-60200	SF-06-60204	SF-06-60208	SF-06-60212
210 mm – 8 ¼ "	SF-06-60201	SF-06-60205	SF-06-60209	SF-06-60213
230 mm – 9 "	SF-06-60202	SF-06-60206	SF-06-60210	SF-06-60214

diamond coated



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6 "	SF-06-60215	SF-06-60219	SF-06-60223	SF-06-60227
180 mm – 7 "	SF-06-60216	SF-06-60220	SF-06-60224	SF-06-60228
210 mm – 8 ¼ "	SF-06-60217	SF-06-60221	SF-06-60225	SF-06-60229
230 mm – 9 "	SF-06-60218	SF-06-60222	SF-06-60226	SF-06-60230

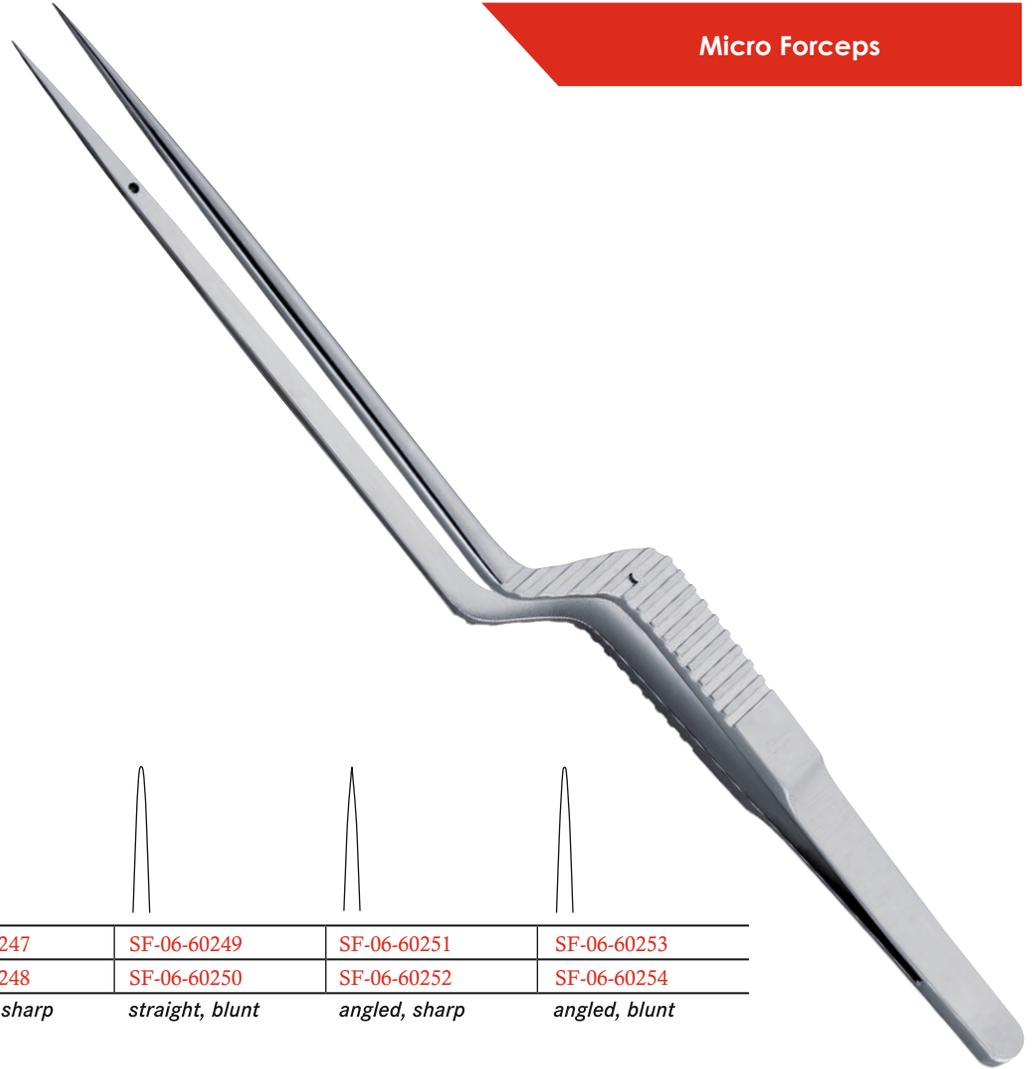
Tying platform 6.0 mm x 0.3 mm, diamond coated 1x2 1x2



8 mm Ø	0.3 mm	0.3 mm	0.7 mm	0.7 mm
150 mm – 6 "	SF-06-60231	SF-06-60235	SF-06-60239	SF-06-60243
180 mm – 7 "	SF-06-60232	SF-06-60236	SF-06-60240	SF-06-60244
210 mm – 8 ¼ "	SF-06-60233	SF-06-60237	SF-06-60241	SF-06-60245
230 mm – 9 "	SF-06-60234	SF-06-60238	SF-06-60242	SF-06-60246

Tying platform 6.0 mm x 0.7 mm, diamond coated 1x2 1x2

Micro Forceps



JACOBSON

				
160 mm - 6 1/4"	SF-06-60247	SF-06-60249	SF-06-60251	SF-06-60253
180 mm - 7"	SF-06-60248	SF-06-60250	SF-06-60252	SF-06-60254
	<i>straight, sharp</i>	<i>straight, blunt</i>	<i>angled, sharp</i>	<i>angled, blunt</i>

160 mm - 6 1/4"	SF-06-60255	SF-06-60257	SF-06-60259	SF-06-60261
180 mm - 7"	SF-06-60256	SF-06-60258	SF-06-60260	SF-06-60262
<i>diamond coated</i>	<i>straight, sharp</i>	<i>straight, blunt</i>	<i>angled, sharp</i>	<i>angled, blunt</i>

Micro Forceps



YASARGIL

	 1:1	 1:1	 1:1
	225 mm – 8¾"	225 mm – 8¾"	225 mm – 8¾"
3.0 mm	SF-06-60263	SF-06-60265	SF-06-60267
5.0 mm	SF-06-60264	SF-06-60266	SF-06-60268
	<i>spoon form</i>	<i>plan toothed</i>	<i>curette form</i>

Micro Forceps

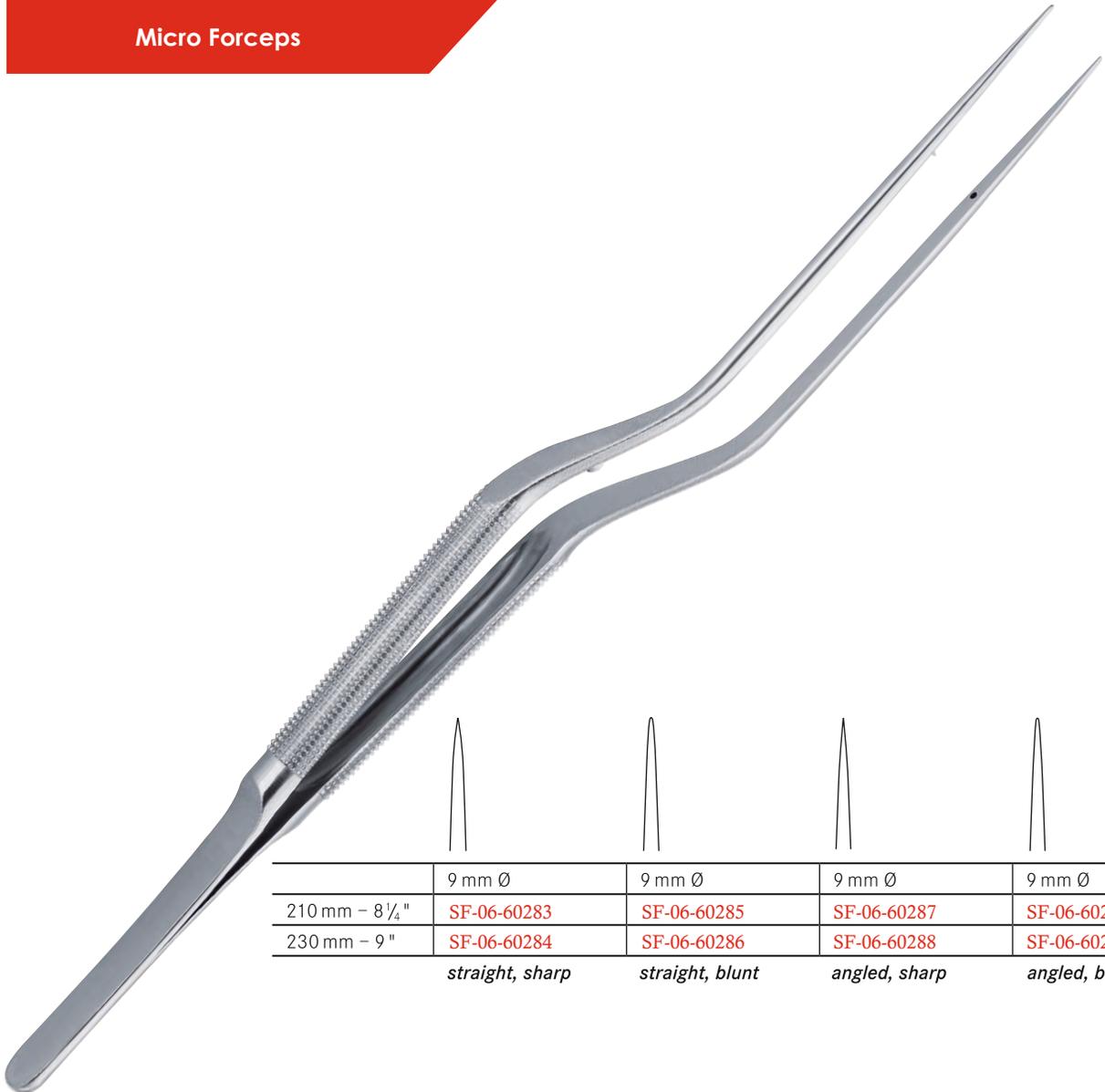


200 mm – 8"	SF-06-60269	SF-06-60271	SF-06-60273	SF-06-60275
225 mm – 8¾"	SF-06-60270	SF-06-60272	SF-06-60274	SF-06-60276
<i>diamond coated</i>	<i>straight, sharp</i>	<i>straight, blunt</i>	<i>angled, sharp</i>	<i>angled, blunt</i>

225 mm – 8¾"	SF-06-60277	SF-06-60278
	<i>straight, sharp</i>	<i>straight, blunt</i>

200 mm – 8"	SF-06-60279	SF-06-60281
225 mm – 8¾"	SF-06-60280	SF-06-60282
	<i>angled, sharp</i>	<i>angled, blunt</i>

Micro Forceps



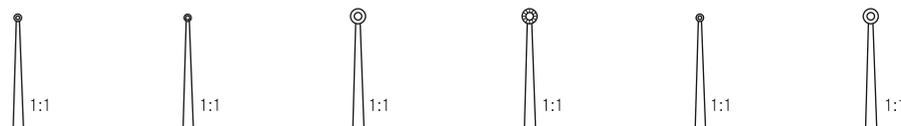
				
	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
210 mm - 8 1/4"	SF-06-60283	SF-06-60285	SF-06-60287	SF-06-60289
230 mm - 9"	SF-06-60284	SF-06-60286	SF-06-60288	SF-06-60290
	<i>straight, sharp</i>	<i>straight, blunt</i>	<i>angled, sharp</i>	<i>angled, blunt</i>

				
	9 mm Ø	9 mm Ø	9 mm Ø	9 mm Ø
210 mm - 8 1/4"	SF-06-60291	SF-06-60293	SF-06-60295	SF-06-60297
230 mm - 9"	SF-06-60292	SF-06-60294	SF-06-60296	SF-06-60298
<i>diamond coated</i>	<i>straight, sharp</i>	<i>straight, blunt</i>	<i>angled, sharp</i>	<i>angled, blunt</i>

Micro Forceps

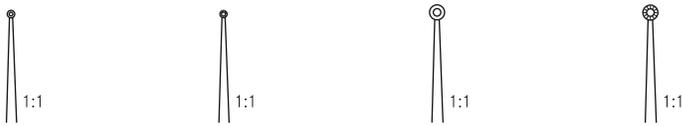
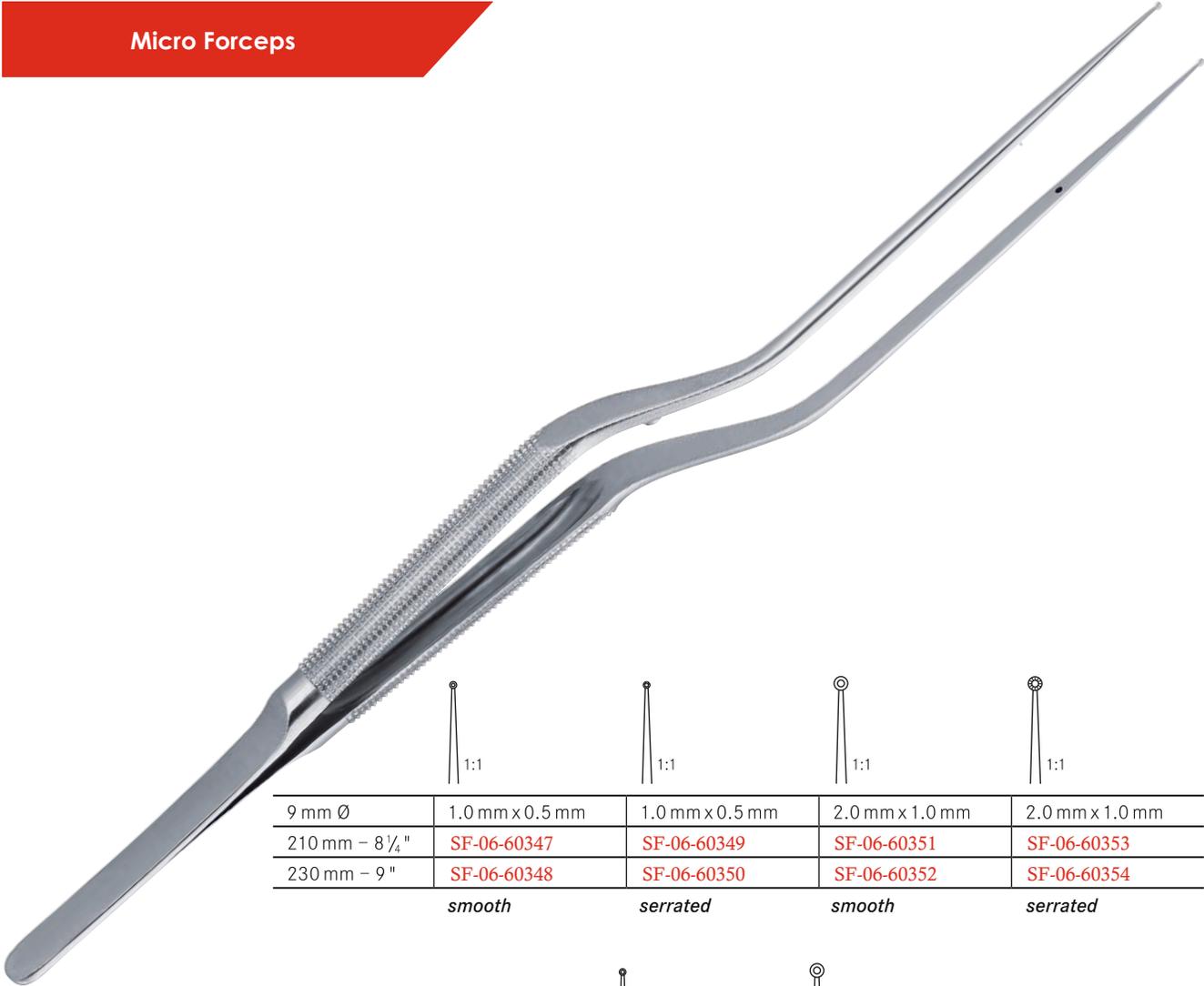


9 mm Ø	1.0x0.5 mm	1.0x0.5 mm	2.0x1.0 mm	2.0x1.0 mm	1.0x0.5 mm	2.0x1.0 mm
150 mm – 6"	SF-06-60299	SF-06-60303	SF-06-60307	SF-06-60311	SF-06-60315	SF-06-60319
180 mm – 7"	SF-06-60300	SF-06-60304	SF-06-60308	SF-06-60312	SF-06-60316	SF-06-60320
210 mm – 8¼"	SF-06-60301	SF-06-60305	SF-06-60309	SF-06-60313	SF-06-60317	SF-06-60321
230 mm – 9"	SF-06-60302	SF-06-60306	SF-06-60310	SF-06-60314	SF-06-60318	SF-06-60322
	<i>smooth</i>	<i>slightly serrated</i>	<i>smooth</i>	<i>slightly serrated</i>	<i>diamond coated</i>	<i>diamond coated</i>



9 mm Ø	1.0x0.5 mm	1.0x0.5 mm	2.0x1.0 mm	2.0x1.0 mm	1.0x0.5 mm	2.0x1.0 mm
150 mm – 6"	SF-06-60323	SF-06-60327	SF-06-60331	SF-06-60335	SF-06-60339	SF-06-60343
180 mm – 7"	SF-06-60324	SF-06-60328	SF-06-60332	SF-06-60336	SF-06-60340	SF-06-60344
210 mm – 8¼"	SF-06-60325	SF-06-60329	SF-06-60333	SF-06-60337	SF-06-60341	SF-06-60345
230 mm – 9"	SF-06-60326	SF-06-60330	SF-06-60334	SF-06-60338	SF-06-60342	SF-06-60346
	<i>smooth</i>	<i>slightly serrated</i>	<i>smooth</i>	<i>slightly serrated</i>	<i>diamond coated</i>	<i>diamond coated</i>

Micro Forceps

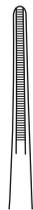


9 mm Ø	1.0 mm x 0.5 mm	1.0 mm x 0.5 mm	2.0 mm x 1.0 mm	2.0 mm x 1.0 mm
210 mm - 8 1/4"	SF-06-60347	SF-06-60349	SF-06-60351	SF-06-60353
230 mm - 9"	SF-06-60348	SF-06-60350	SF-06-60352	SF-06-60354
	<i>smooth</i>	<i>serrated</i>	<i>smooth</i>	<i>serrated</i>



9 mm Ø	1.0 mm x 0.5 mm	2.0 mm x 1.0 mm
210 mm - 8 1/4"	SF-06-60355	SF-06-60357
230 mm - 9"	SF-06-60356	SF-06-60358
	<i>diamond coated</i>	

Micro Forceps



	x = 1.2 mm	x = 2.0 mm	x = 1.2 mm	x = 2.0 mm
150 mm - 6"	SF-06-60359	SF-06-60363	SF-06-60367	SF-06-60371
180 mm - 7"	SF-06-60360	SF-06-60364	SF-06-60368	SF-06-60372
210 mm - 8¼"	SF-06-60361	SF-06-60365	SF-06-60369	SF-06-60373
230 mm - 9"	SF-06-60362	SF-06-60366	SF-06-60370	SF-06-60374
	<i>straight</i>	<i>straight</i>	<i>angled</i>	<i>angled</i>

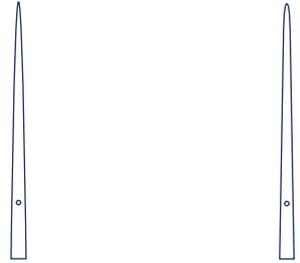
Micro Forceps



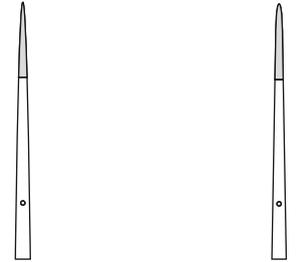
YASARGIL

Abm. / Dim.	1,2 mm
18 cm / 7"	SF-06-60375

1 x 2 Zähne / teeth



Abm. / Dim.	0,6 mm	0,9 mm
23 cm / 9"	SF-06-60376	SF-06-60377



Abm. / Dim.	0,6 mm	0,9 mm
23 cm / 9"	SF-06-60378	SF-06-60379

Wolfram Carbide Tip Coating



YASARGIL

Abm. / Dim.	0,6 mm	0,9 mm	0,6 mm	0,9 mm
16 cm / 6 1/4"	SF-06-60380	SF-06-60385	SF-06-60390	SF-06-60395
18 cm / 7"	SF-06-60381	SF-06-60386	SF-06-60391	SF-06-60396
20 cm / 8"	SF-06-60382	SF-06-60387	SF-06-60392	SF-06-60397
22 cm / 8 3/4"	SF-06-60383	SF-06-60388	SF-06-60393	SF-06-60398
24 cm / 9 1/2"	SF-06-60384	SF-06-60389	SF-06-60394	SF-06-60399

Smooth Jaws

Wolfram Carbide Tip Coating

Micro Forceps

YASARGIL



Abm. / Dim.	Ø 3,0 mm
22 cm / 8 3/4"	SF-06-60400

angled
delicate serrated

spoon-shaped jaws with 16 teeth

YASARGIL



Abm. / Dim.	Ø 3,0 mm	Ø 5,0 mm
22 cm / 8 3/4"	SF-06-60401	SF-06-60404
24 cm / 9 1/2"	SF-06-60402	SF-06-60405

spoon-shaped, smooth jaws

YASARGIL



Abm. / Dim.	Ø 3,0 mm	Ø 5,0 mm
16 cm / 6 1/4"	SF-06-60406	SF-06-60409
20 cm / 8"	SF-06-60407	SF-06-60410
22 cm / 8 3/4"	SF-06-60408	SF-06-60411

heavily serrated
spoon-shaped jaws with 14 teeth

YASARGIL



Abm. / Dim.	Ø 3,0 mm	Ø 5,0 mm
16 cm / 6 1/4"	SF-06-60412	SF-06-60415
20 cm / 8"	SF-06-60413	SF-06-60416
22 cm / 8 3/4"	SF-06-60414	SF-06-60417

delicate serrated
spoon-shaped jaws with 16 teeth

Micro Forceps



YASARGIL



Abm. / Dim.	Ø 3,0 mm	Ø 4,0 mm	Ø 5,0 mm
23 cm / 9"	SF-06-60418	SF-06-60419	SF-06-60420

spoon-shaped, smooth jaws

curved Upwards



Abm. / Dim.	Ø 3,0 mm	Ø 4,0 mm	Ø 5,0 mm
23 cm / 9"	SF-06-60421	SF-06-60422	SF-06-60423

spoon-shaped, smooth jaws

curved down

Micro Needle Holders



CASTROVIEJO



x = 11.0 mm x 0.75 mm				
140 mm – 5½"	SF-06-60424	SF-06-60425	SF-06-60426	SF-06-60427
<i>without ratchet, fine jaws</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

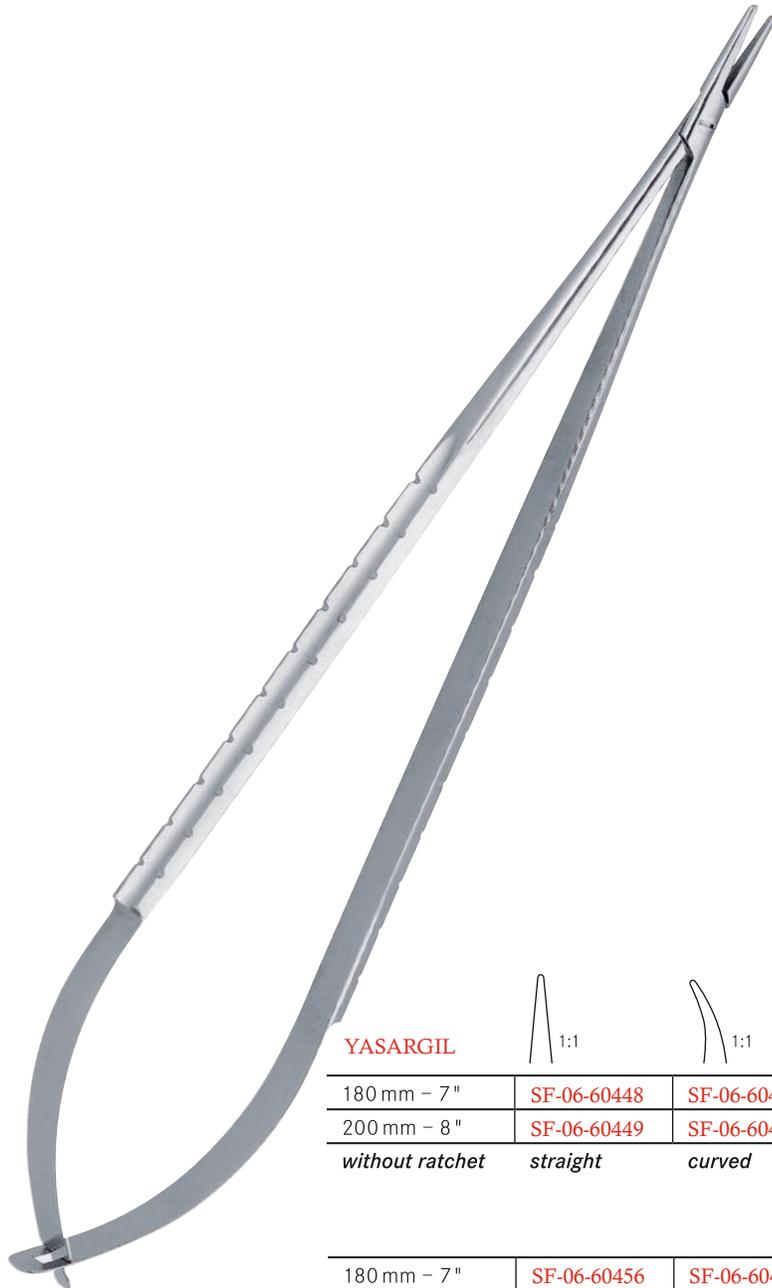
x = 11.0 mm x 0.75 mm				
140 mm – 5½"	SF-06-60428	SF-06-60429	SF-06-60430	SF-06-60431
<i>with ratchet, fine jaws</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

Micro Needle Holders



JACOBSON				
	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7"	SF-06-60432	SF-06-60433	SF-06-60434	SF-06-60435
<i>without ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7"	SF-06-60436	SF-06-60437	SF-06-60438	SF-06-60439
<i>with ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>
	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
180 mm – 7"	SF-06-60440	SF-06-60441	SF-06-60442	SF-06-60443
<i>without ratchet</i>	<i>straight, smooth</i>	<i>curved, smooth</i>	<i>straight, serrated</i>	<i>curved, serrated</i>
180 mm – 7"	SF-06-60444	SF-06-60445	SF-06-60446	SF-06-60447
1 mm				
<i>with ratchet</i>	<i>straight, smooth</i>	<i>curved, smooth</i>	<i>straight, serrated</i>	<i>curved, serrated</i>

Micro Needle Holders



YASARGIL



180 mm – 7"	SF-06-60448	SF-06-60450	SF-06-60452	SF-06-60454
200 mm – 8"	SF-06-60449	SF-06-60451	SF-06-60453	SF-06-60455
<i>without ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>
180 mm – 7"	SF-06-60456	SF-06-60458	SF-06-60460	SF-06-60462
200 mm – 8"	SF-06-60457	SF-06-60459	SF-06-60461	SF-06-60463
<i>with ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

Micro Needle Holders



YASARGIL

	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	SF-06-60464	SF-06-60465	SF-06-60466	SF-06-60467
<i>without ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	SF-06-60468	SF-06-60469	SF-06-60470	SF-06-60471
<i>with ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

	 1:1	 1:1	 1:1	 1:1
	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	SF-06-60472	SF-06-60473	SF-06-60474	SF-06-60475
<i>without ratchet</i>	<i>straight, smooth</i>	<i>curved, smooth</i>	<i>straight, serrated</i>	<i>curved, serrated</i>

	x = 1 mm	x = 1 mm	x = 1 mm	x = 1 mm
210 mm – 8¼"	SF-06-60476	SF-06-60477	SF-06-60478	SF-06-60479
<i>with ratchet</i>	<i>straight, smooth</i>	<i>curved, smooth</i>	<i>straight, serrated</i>	<i>curved, serrated</i>

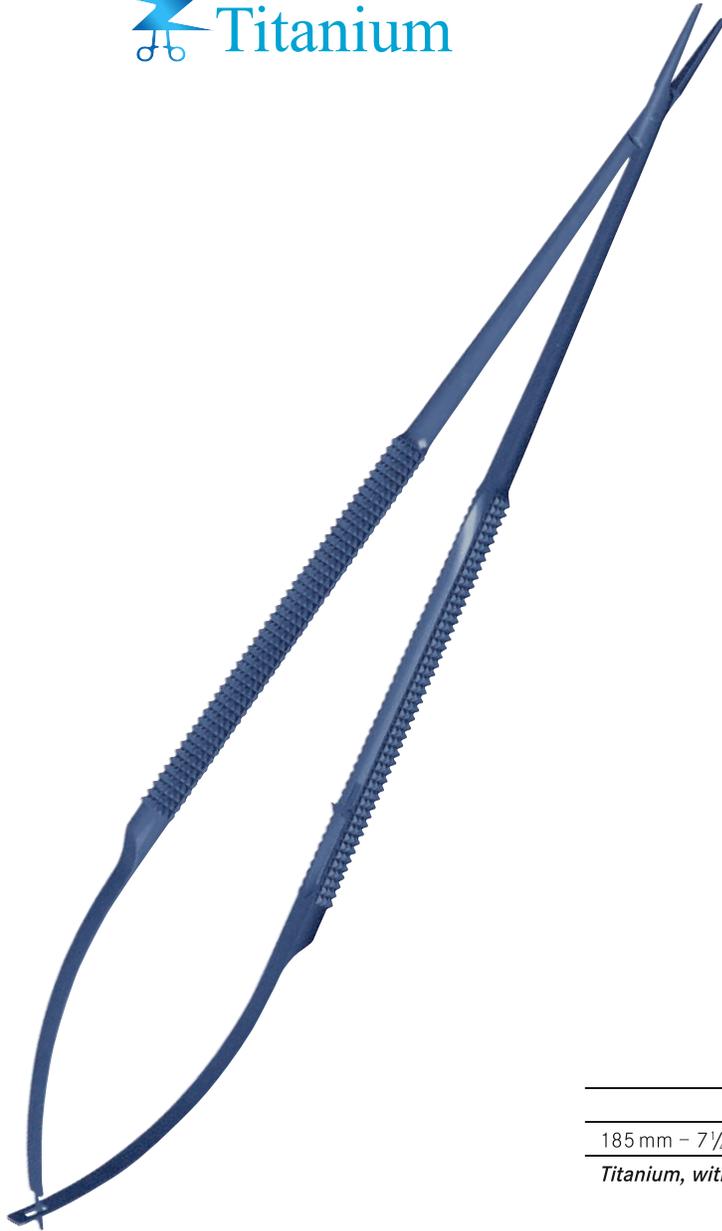
Micro Needle Holders



BARRAQUER		 1:1	 1:1	 1:1	 1:1
140 mm – 5½"	8 mm Ø	SF-06-60508	SF-06-60509	SF-06-60510	SF-06-60511
<i>without ratchet, extra delicate jaws</i>		<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>
140 mm – 5½"	8 mm Ø	SF-06-60512	SF-06-60513	SF-06-60514	SF-06-60515
<i>with ratchet, extra delicate jaws</i>		<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

 **Titanium**

Micro Needle Holders



	 1:1	 1:1
	0.8 mm x 0.8 mm	0.8 mm x 0.8 mm
185 mm - 7 1/4"	SF-06-60516	SF-06-60517

Titanium, with ratchet

Micro Needle Holders

Titanium



	 1:1	 1:1
	0.3 mm x 0.4 mm	0.3 mm x 0.4 mm
180 mm – 7"	SF-06-60518	SF-06-60519

Titanium, with ratchet

Micro Needle Holders

Titanium

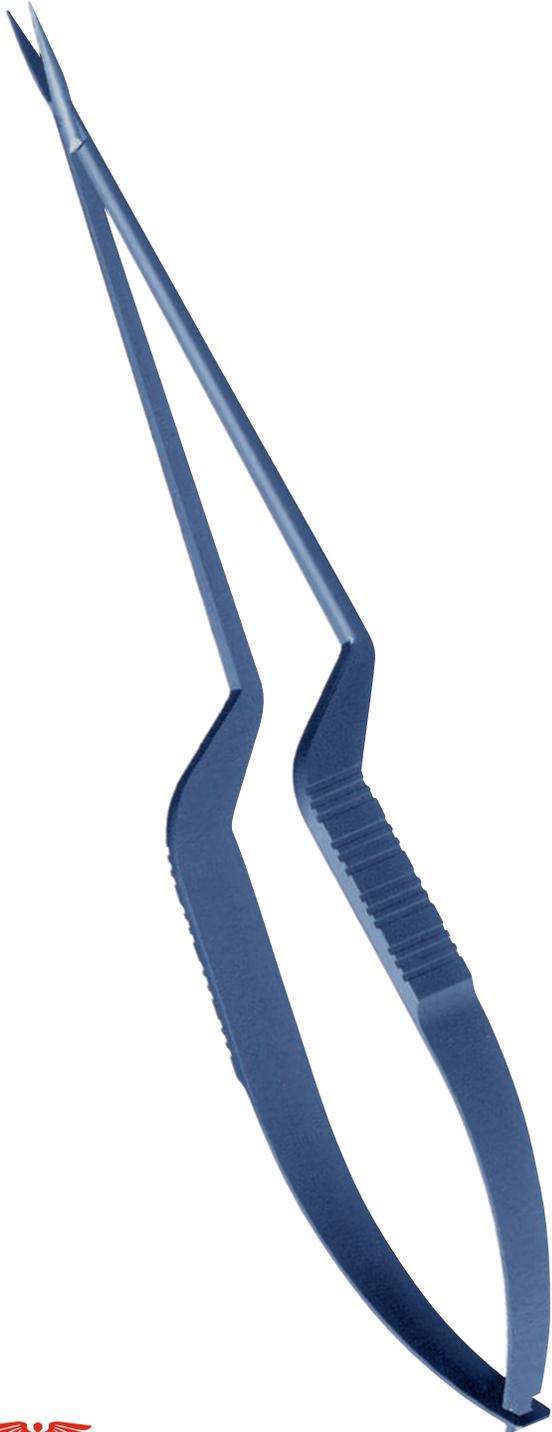


	 1:1	 1:1	 1:1	 1:1
	0.4 x 0.6 mm	0.4 x 0.6 mm	0.6 x 0.6 mm	0.6 x 0.6 mm
200 mm – 8"	SF-06-60520	SF-06-60521	SF-06-60522	SF-06-60523

Titanium, with ratchet

Micro Needle Holders

Titanium



	0.5 mm x 0.8 mm	0.5 mm x 0.8 mm
200 mm - 8"	SF-06-60524	SF-06-60525

Titanium, with ratchet

Micro Needle Holders



225 mm – 8 3/4"	SF-06-60526	SF-06-60528
225 mm – 8 3/4"	SF-06-60527	SF-06-60529

225 mm – 8 3/4"	SF-06-60530	SF-06-60531
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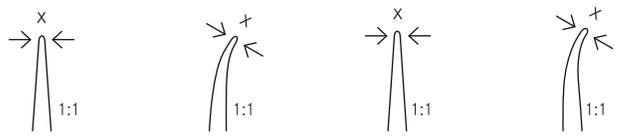
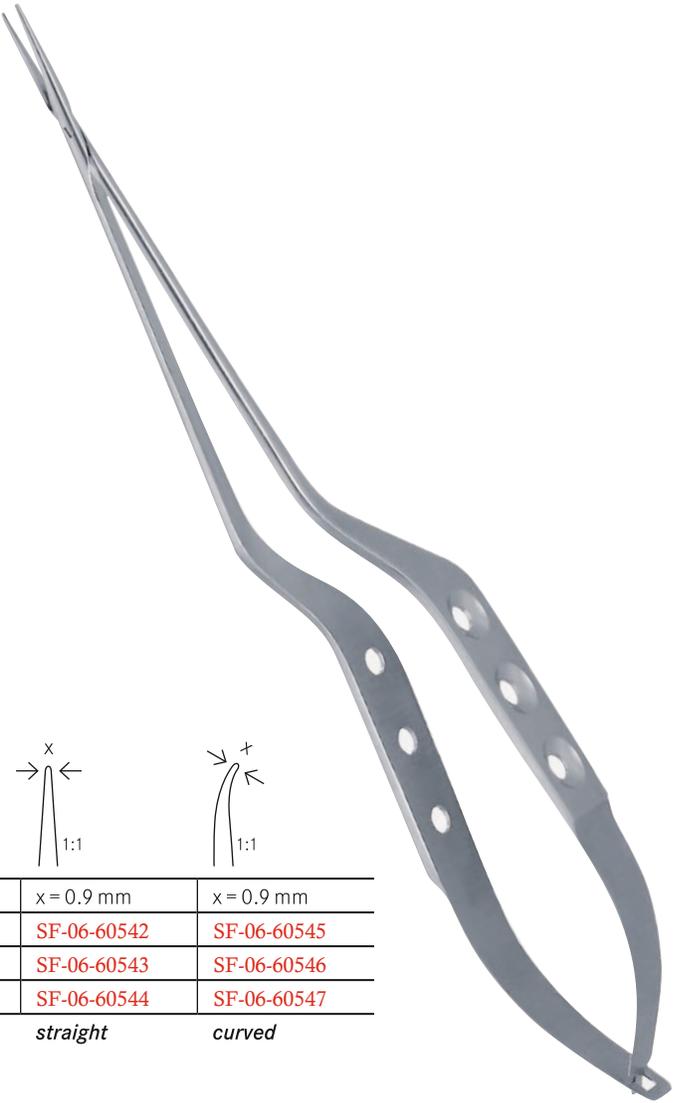
*Titanium
without ratchet*

225 mm – 8 3/4"	SF-06-60532	SF-06-60534
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225 mm – 8 3/4"	SF-06-60533	SF-06-60535
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*Titanium
with ratchet*

Micro Needle Holders



	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm – 8"	SF-06-60536	SF-06-60539	SF-06-60542	SF-06-60545
225 mm – 8¾"	SF-06-60537	SF-06-60540	SF-06-60543	SF-06-60546
240 mm – 9½"	SF-06-60538	SF-06-60541	SF-06-60544	SF-06-60547
<i>without ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight</i>	<i>curved</i>

	x = 0.4 mm	x = 0.4 mm	x = 0.9 mm	x = 0.9 mm
200 mm – 8"	SF-06-60548	SF-06-60551	SF-06-60554	SF-06-60557
225 mm – 8¾"	SF-06-60549	SF-06-60552	SF-06-60555	SF-06-60558
240 mm – 9½"	SF-06-60550	SF-06-60553	SF-06-60556	SF-06-60559
<i>without ratchet, diamond coated</i>	<i>straight</i>	<i>curved</i>	<i>straight</i>	<i>curved</i>

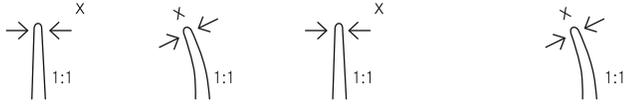
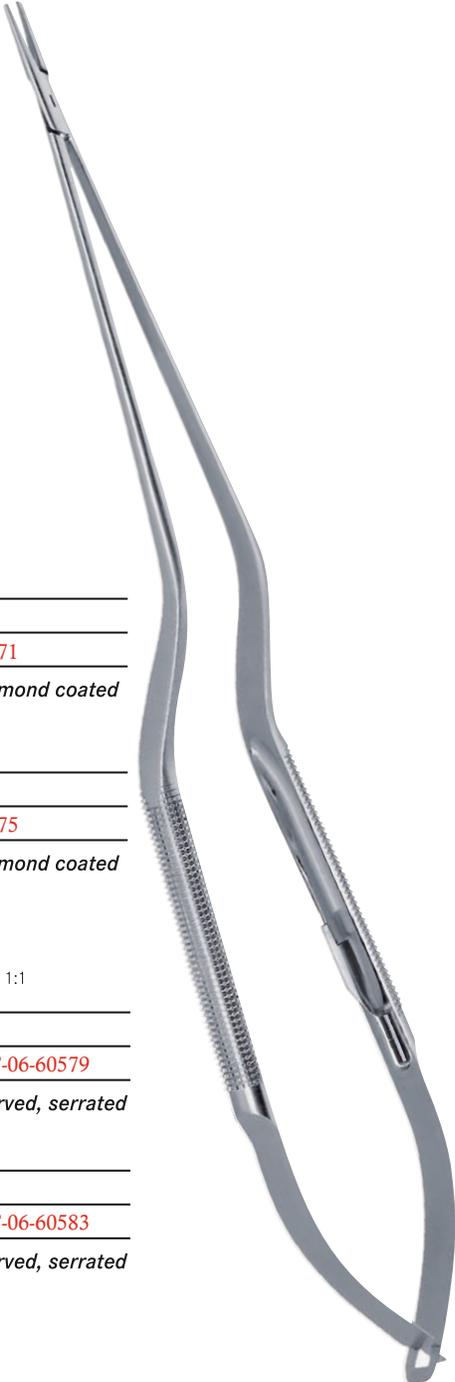
Micro Needle Holders



JACOBSON

	 1:1	 1:1	 1:1	 1:1
180 mm – 7"	SF-06-60560	SF-06-60561	SF-06-60562	SF-06-60563
<i>without ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>
180 mm – 7"	SF-06-60564	SF-06-60565	SF-06-60566	SF-06-60567
<i>with ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

Micro Needle Holders



9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm - 9"	SF-06-60568	SF-06-60569	SF-06-60570	SF-06-60571
<i>without ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>

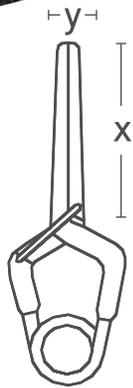
9 mm Ø	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm	x = 1.0 mm
230 mm - 9"	SF-06-60572	SF-06-60573	SF-06-60574	SF-06-60575
<i>with ratchet</i>	<i>straight</i>	<i>curved</i>	<i>straight, diamond coated</i>	<i>curved, diamond coated</i>



9 mm Ø				
230 mm - 9"	SF-06-60576	SF-06-60577	SF-06-60578	SF-06-60579
<i>without ratchet</i>	<i>straight, smooth</i>	<i>curved, smooth</i>	<i>straight, serrated</i>	<i>curved, serrated</i>

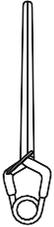
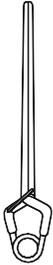
9 mm Ø				
230 mm - 9"	SF-06-60580	SF-06-60581	SF-06-60582	SF-06-60583
<i>with ratchet</i>	<i>straight, smooth</i>	<i>curved, smooth</i>	<i>straight, serrated</i>	<i>curved, serrated</i>

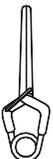
Aneurysm Vessel-Clips



x = jaw length
y = max. opening
gms = Pressure

YASARGIL-STANDARD
for permanent closure, in high quality implant steel, antimagnetic

						
x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 17.0 mm	x = 20.0 mm	x = 25.0 mm
y = 6.2 mm	y = 7.0 mm	y = 7.8 mm	y = 9.2 mm	y = 10.6 mm	y = 11.4 mm	y = 13.3 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 200	gms = 200	gms = 200
SF-06-60584	SF-06-60585	SF-06-60586	SF-06-60587	SF-06-60588	SF-06-60589	SF-06-60590

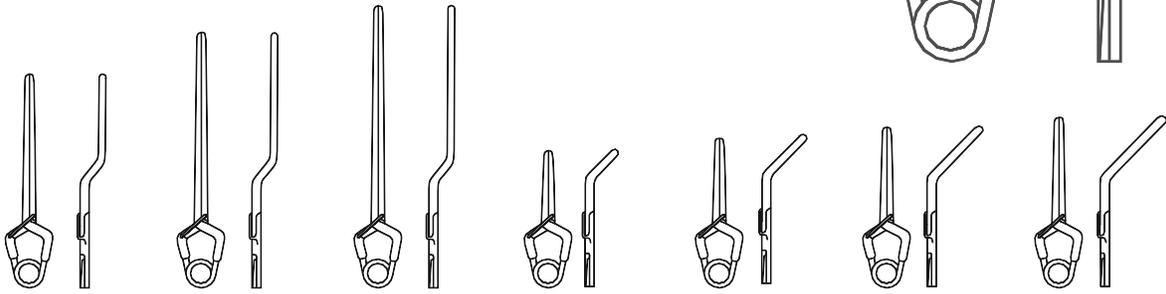
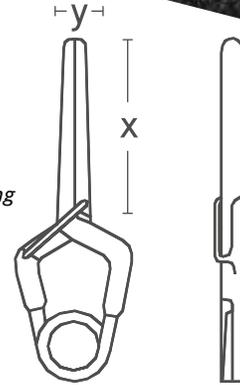
						
x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm
y = 6.0 mm	y = 6.8 mm	y = 7.5 mm	y = 8.7 mm	y = 5.5 mm	y = 6.1 mm	y = 6.5 mm
gms = 150	gms = 180	gms = 180	gms = 200	gms = 150	gms = 180	gms = 180
SF-06-60591	SF-06-60592	SF-06-60593	SF-06-60594	SF-06-60595	SF-06-60596	SF-06-60597

					
x = 15.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm	x = 7.0 mm	x = 9.0 mm
y = 7.4 mm	y = 5.4 mm	y = 5.8 mm	y = 6.2 mm	y = 7.9 mm	y = 8.7 mm
gms = 200	gms = 180	gms = 180	gms = 180	gms = 200	gms = 200
SF-06-60598	SF-06-60599	SF-06-60600	SF-06-60601	SF-06-60602	SF-06-60603

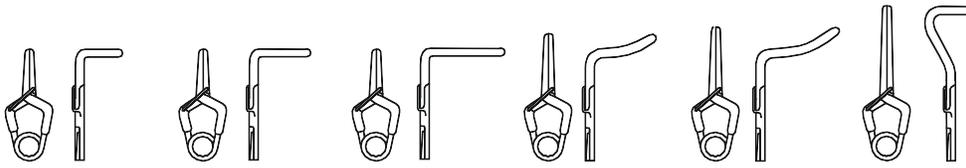
Aneurysm Vessel-Clips

YASARGIL-STANDARD
for permanent closure, in high quality implant steel, antimagnetic

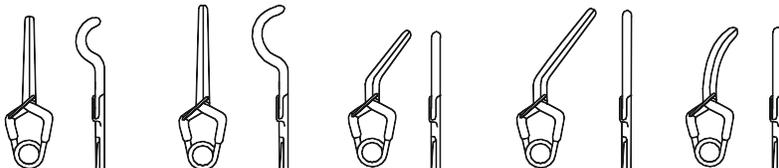
x = Jaw length
y = max. opening
gms = Pressure



x = 12.0 mm	x = 17.0 mm	x = 20.0 mm	x = 5.0 mm	x = 7.0 mm	x = 9.0 mm	x = 11.0 mm
y = 10.2 mm	y = 11.9 mm	y = 13.0 mm	y = 6.2 mm	y = 6.5 mm	y = 7.8 mm	y = 8.4 mm
gms = 200	gms = 180	gms = 180	gms = 200	gms = 200	gms = 200	gms = 200
SF-06-60604	SF-06-60605	SF-06-60606	SF-06-60607	SF-06-60608	SF-06-60609	SF-06-60610

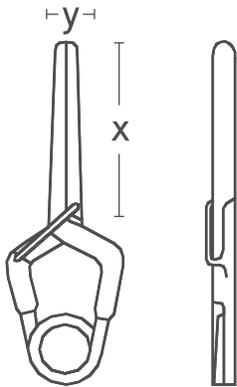


x = 5.0 mm	x = 7.0 mm	x = 10.0 mm	x = 8.0 mm	x = 10.0 mm	x = 5.0 mm
y = 5.6 mm	y = 5.6 mm	y = 5.6 mm	y = 5.4 mm	y = 5.6 mm	y = 7.2 mm
gms = 200	gms = 200	gms = 200	gms = 200	gms = 200	gms = 200
SF-06-60611	SF-06-60612	SF-06-60613	SF-06-60614	SF-06-60615	SF-06-60616

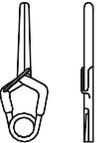
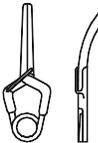
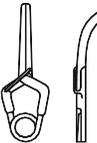
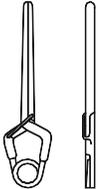
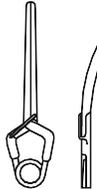
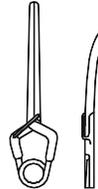
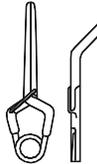


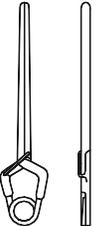
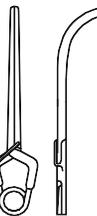
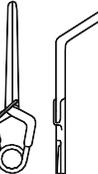
x = 9.0 mm	x = 11.0 mm	x = 7.0 mm	x = 11.0 mm	x = 9.0 mm
y = 7.2 mm	y = 8.2 mm	y = 5.7 mm	y = 8.0 mm	y = 7.0 mm
gms = 200	gms = 200	gms = 200	gms = 200	gms = 200
SF-06-60617	SF-06-60618	SF-06-60619	SF-06-60620	SF-06-60621

Aneurysm Vessel-Clips



x = Jaw length
y = max. opening
gms = Pressure

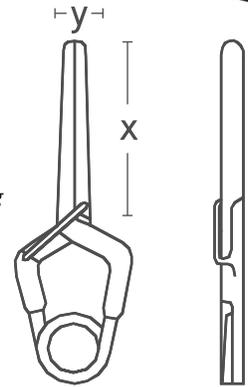
						
x = 9.0 mm	x = 9.0 mm	x = 9.0 mm	x = 15.0 mm	x = 15.0 mm	x = 15.0 mm	x = 9.0 mm
y = 7.0 mm	y = 6.8 mm	y = 6.1 mm	y = 9.2 mm	y = 8.7 mm	y = 7.4 mm	y = 6.2 mm
gms = 90	gms = 90	gms = 110	gms = 90	gms = 110	gms = 110	gms = 110
SF-06-60622	SF-06-60623	SF-06-60624	SF-06-60625	SF-06-60626	SF-06-60627	SF-06-60628

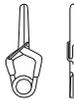
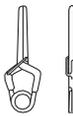
			
x = 20.0 mm	x = 20.0 mm	x = 17.0 mm	x = 13.0 mm
y = 11.4 mm	y = 11.0 mm	y = 9.9 mm	y = 7.5 mm
gms = 110	gms = 90	gms = 90	gms = 90
SF-06-60629	SF-06-60630	SF-06-60631	SF-06-60632

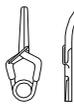
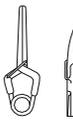
Aneurysm Vessel-Clips

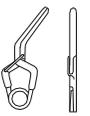
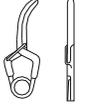
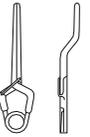
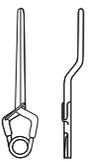
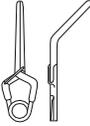
YASARGIL-MINI
for permanent closure, in high quality implant steel, antimagnetic

x = Jaw length
y = max. opening
gms = Pressure

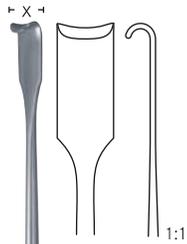


						
x = 3.0 mm	x = 5.0 mm	x = 3.0 mm	x = 5.0 mm	x = 7.0 mm	x = 3.0 mm	x = 4.0 mm
y = 3.3 mm	y = 4.0 mm	y = 3.3 mm	y = 4.0 mm	y = 4.6 mm	y = 3.2 mm	y = 3.8 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110
SF-06-60633	SF-06-60634	SF-06-60635	SF-06-60636	SF-06-60637	SF-06-60638	SF-06-60639

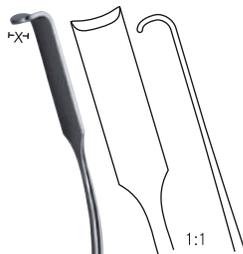
						
x = 4.0 mm	x = 5.0 mm	x = 4.0 mm	x = 5.0 mm	x = 7.0 mm	x = 4.0 mm	x = 4.0 mm
y = 3.6 mm	y = 3.8 mm	y = 3.6 mm	y = 4.0 mm	y = 4.4 mm	y = 3.6 mm	y = 3.5 mm
gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110	gms = 110
SF-06-60640	SF-06-60641	SF-06-60642	SF-06-60643	SF-06-60644	SF-06-60645	SF-06-60646

					
x = 5.0 mm	x = 5.0 mm	x = 6.0 mm	x = 4.0 mm	x = 7.0 mm	x = 7.0 mm
y = 4.0 mm	y = 3.5 mm	x = 6.0 mm	y = 7.0 mm	y = 5.7 mm	y = 4.5 mm
gms = 110	gms = 130	gms = 130	gms = 130	gms = 130 gms	gms = 130
SF-06-60647	SF-06-60648	SF-06-60649	SF-06-60650	SF-06-60651	SF-06-60652

Nerve Hooks



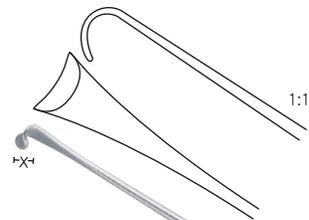
SCOVILLE
230 mm - 9"
x = 8 mm
SF-06-60653



HOLSHER
240 mm - 9½"
x = 7 mm
SF-06-60654

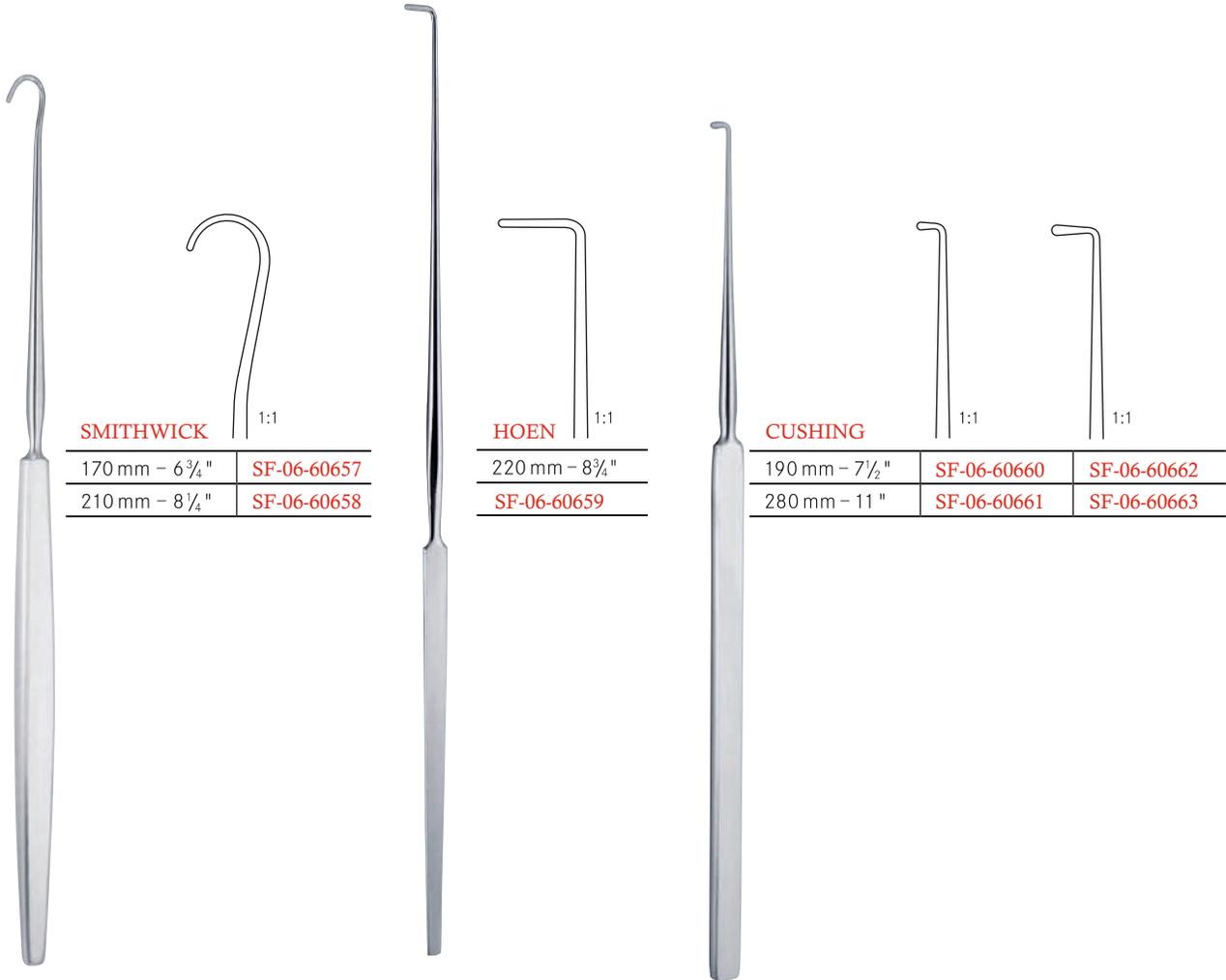


SCOVILLE
200 mm - 8"
x = 7 mm
SF-06-60655

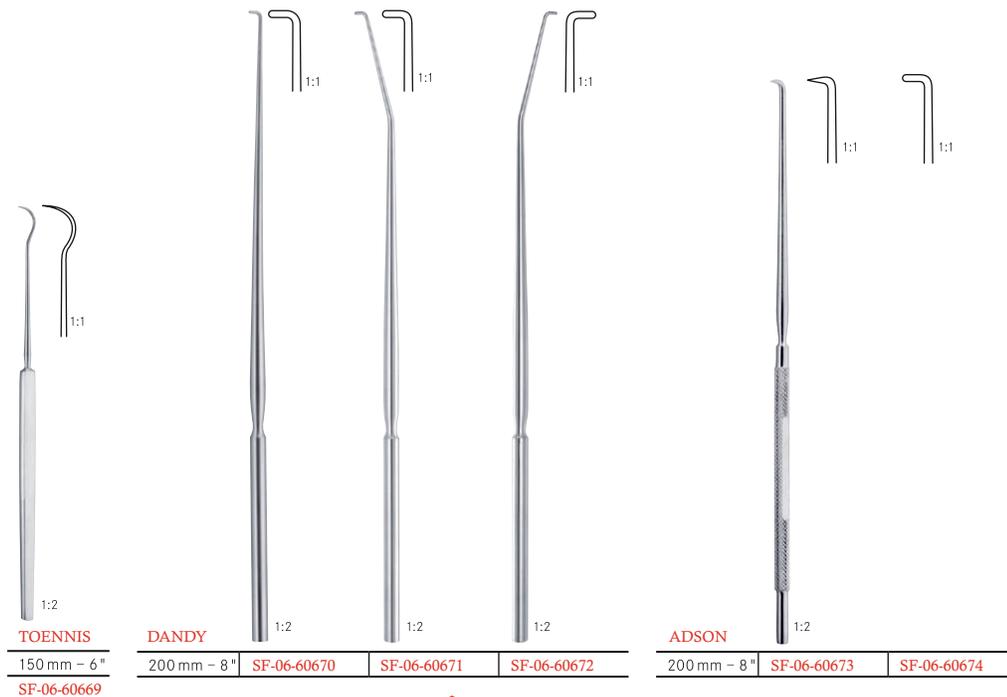
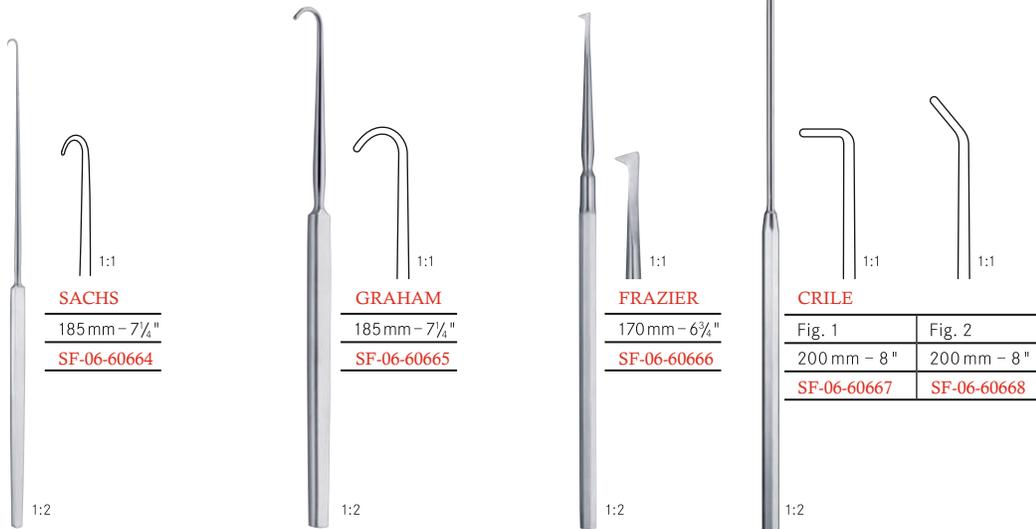


MARTIN
210 mm - 8¼"
x = 7 mm
SF-06-60656

Nerve Hooks - Dura Hooks



Nerve Hooks - Dura Hooks

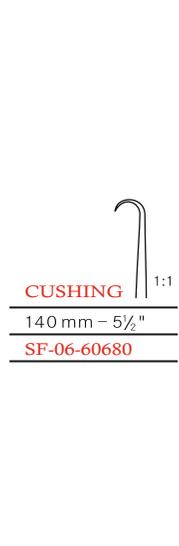


Nerve Hooks - Dura Hooks



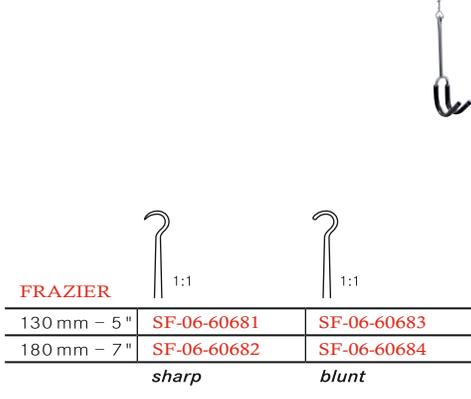
LOVE

190 mm - 7½"	SF-06-60675	SF-06-60676	SF-06-60677
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CUSHING 1:1

140 mm - 5½"
SF-06-60680



FRAZIER 1:1

130 mm - 5"	SF-06-60681	SF-06-60683
180 mm - 7"	SF-06-60682	SF-06-60684
	<i>sharp</i>	<i>blunt</i>



LAHEY 1:1

130 mm - 5"
SF-06-60685



YASARGIL

310 mm - 12¼"	SF-06-60678
410 mm - 16¼"	SF-06-60679
<i>galea retractor</i>	

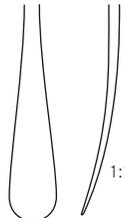
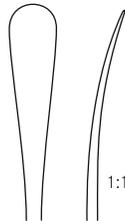
Dura Dissectors



TOENNIS

250 mm - 9³/₄"

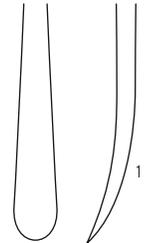
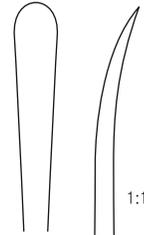
SF-06-60686



DAVIS

245 mm - 9³/₄"

SF-06-60687



220 mm - 8³/₄"

SF-06-60688

Dura Dissectors



SACHS			
210mm - 8 1/4"	SF-06-60691	SF-06-60692	SF-06-60693

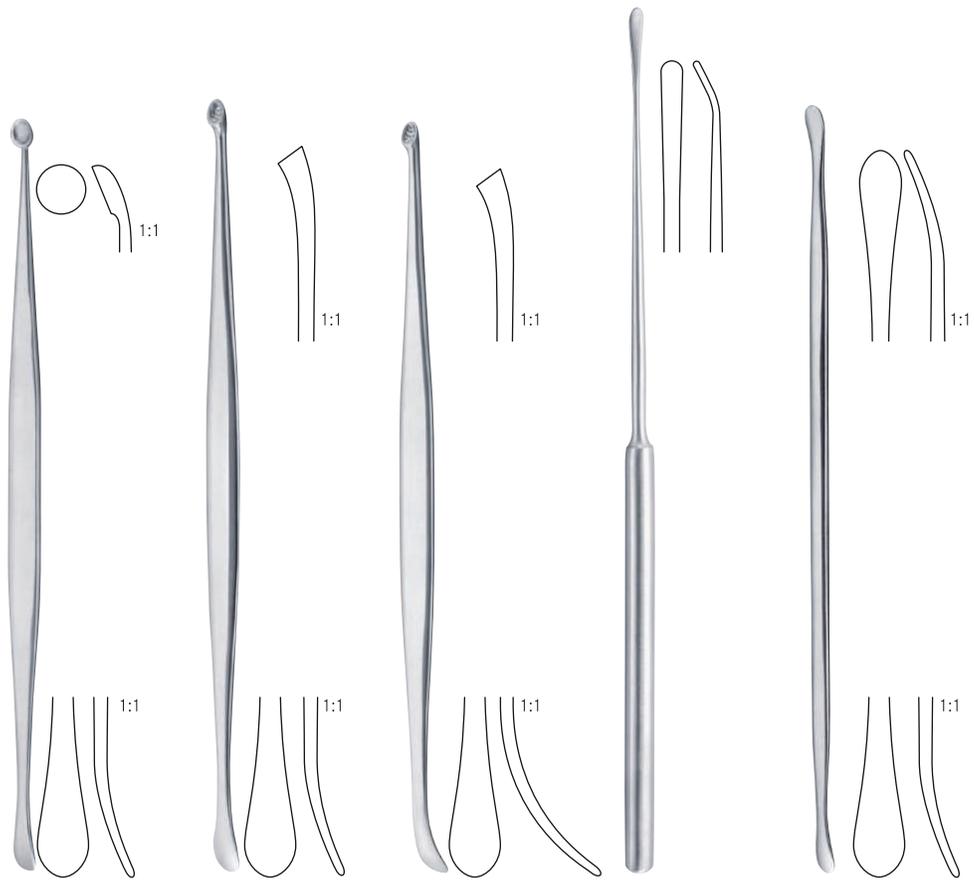


HORSLEY
200 mm - 8"
SF-06-60689



SMITHWICK
290mm - 11 1/2"
SF-06-60690

Dura Dissectors



PENFIELD

Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
175 mm - 7"	195 mm - 7¾"	195 mm - 7¾"	215 mm - 8½"	185 mm - 7¼"
SF-06-60694	SF-06-60695	SF-06-60696	SF-06-60697	SF-06-60698

Neuro-Micro Dissectors



					
	1:1	1:1	1:1	1:1	1:1

190 mm - 7 1/2"	SF-06-60699	SF-06-60700	SF-06-60701	SF-06-60702	SF-06-60703
<i>straight</i>					

190 mm - 7 1/2"	SF-06-60704	SF-06-60705	SF-06-60706	SF-06-60707	SF-06-60708
<i>bayonet</i>					

				
	1:1	1:1	1:1	1:1

190 mm - 7 1/2"	SF-06-60709	SF-06-60710	SF-06-60711	SF-06-60712
<i>straight</i>				

190 mm - 7 1/2"	SF-06-60713	SF-06-60714	SF-06-60715	SF-06-60716
<i>bayonet</i>				

		
	1:1	1:1

190 mm - 7 1/2"	SF-06-60717	SF-06-60718
<i>straight, with Twist-fixationhook</i>		

Neuro-Micro Dissectors



KRAUS



YASARGIL



KOOS



KOOS



KOOS

190 mm - 7½"	SF-06-60719	SF-06-60720	SF-06-60721	SF-06-60722	SF-06-60723
--------------	-------------	-------------	-------------	-------------	-------------

bayonet

Neuro-Micro Dissectors



JACOBSON
190 mm - 7½"
SF-06-60724



**KRAYEN
BUHL**

190 mm - 7½"	 1:1	 1:1	 1:1	 1:1
	SF-06-60725	SF-06-60726	SF-06-60727	SF-06-60728
	<i>without knob</i>		<i>with knob</i>	



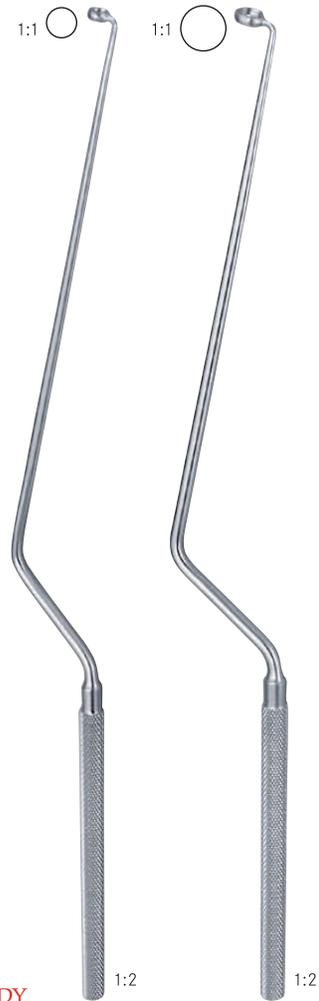
190 mm - 7½"	 1:1	 1:1	 1:1
	SF-06-60729	SF-06-60730	SF-06-60731
		JACOBSON	FISCH

Neuro-Dissectors And Curettes



HARDY

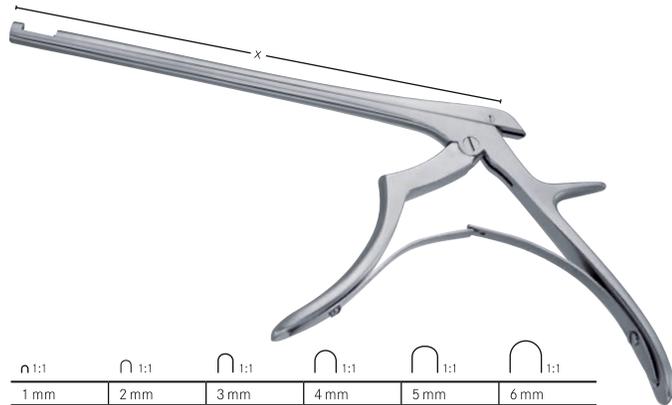
250mm-9 ³ / ₄ "	SF-06-60732	SF-06-60733	SF-06-60734	SF-06-60735
<i>bayonet, sharp inner edge</i>				



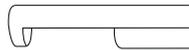
HARDY

	4 mm Ø	6 mm Ø
270mm-10 ³ / ₄ "	SF-06-60736	SF-06-60737
<i>bayonet, malleable</i>		

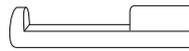
Laminectomy Punches



FERRIS - SMITH - KERRISON



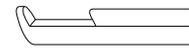
	x = 150mm - 6"	x = 180 mm - 7"	x = 200 mm - 8"	x = 230 mm - 9"
1 mm	SF-06-60738	SF-06-60744	SF-06-60750	SF-06-60756
2 mm	SF-06-60739	SF-06-60745	SF-06-60751	SF-06-60757
3 mm	SF-06-60740	SF-06-60746	SF-06-60752	SF-06-60758
4 mm	SF-06-60741	SF-06-60747	SF-06-60753	SF-06-60759
5 mm	SF-06-60742	SF-06-60748	SF-06-60754	SF-06-60760
6 mm	SF-06-60743	SF-06-60749	SF-06-60755	SF-06-60761



1 mm	SF-06-60762	SF-06-60768	SF-06-60774	SF-06-60780
2 mm	SF-06-60763	SF-06-60769	SF-06-60775	SF-06-60781
3 mm	SF-06-60764	SF-06-60770	SF-06-60776	SF-06-60782
4 mm	SF-06-60765	SF-06-60771	SF-06-60777	SF-06-60783
5 mm	SF-06-60766	SF-06-60772	SF-06-60778	SF-06-60784
6 mm	SF-06-60767	SF-06-60773	SF-06-60779	SF-06-60785



1 mm	SF-06-60786	SF-06-60792	SF-06-60798	SF-06-60804
2 mm	SF-06-60787	SF-06-60793	SF-06-60799	SF-06-60805
3 mm	SF-06-60788	SF-06-60794	SF-06-60800	SF-06-60806
4 mm	SF-06-60789	SF-06-60795	SF-06-60801	SF-06-60807
5 mm	SF-06-60790	SF-06-60796	SF-06-60802	SF-06-60808
6 mm	SF-06-60791	SF-06-60797	SF-06-60803	SF-06-60809



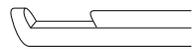
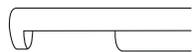
1 mm		SF-06-60810		SF-06-60816
2 mm		SF-06-60811		SF-06-60817
3 mm		SF-06-60812		SF-06-60818
4 mm		SF-06-60813		SF-06-60819
5 mm		SF-06-60814		SF-06-60820
6 mm		SF-06-60815		SF-06-60821

Thin footplate



Laminectomy Punches

FERRIS - SMITH - KERRISON



Thin footplate

	x = 180 mm - 7"	x = 200 mm - 8"	x = 230 mm - 9"
1 mm	SF-06-60822		
2 mm	SF-06-60823		SF-06-60828
3 mm	SF-06-60824		SF-06-60829
4 mm	SF-06-60825		SF-06-60830
5 mm	SF-06-60826		SF-06-60831
6 mm	SF-06-60827		SF-06-60832
1 mm	SF-06-60833		
2 mm	SF-06-60834		SF-06-60839
3 mm	SF-06-60835		SF-06-60840
4 mm	SF-06-60836		SF-06-60841
5 mm	SF-06-60837		SF-06-60842
6 mm	SF-06-60838		SF-06-60843
1 mm	SF-06-60844		
2 mm	SF-06-60845	SF-06-60850	SF-06-60855
3 mm	SF-06-60846	SF-06-60851	SF-06-60856
4 mm	SF-06-60847	SF-06-60852	SF-06-60857
5 mm	SF-06-60848	SF-06-60853	SF-06-60858
6 mm	SF-06-60849	SF-06-60854	SF-06-60859
1 mm	SF-06-60860		
2 mm	SF-06-60861		SF-06-60866
3 mm	SF-06-60862		SF-06-60867
4 mm	SF-06-60863		SF-06-60868
5 mm	SF-06-60864		SF-06-60869
6 mm	SF-06-60865		SF-06-60870

Laminectomy Punches

easy dismantling and assembling



dismantable for easy cleaning and better hygiene



Dismantling



closed position



turn to open

1. *opening of the locking nut by a quarter turn.*
2. *Pulling backwards of the upper cutting part.*



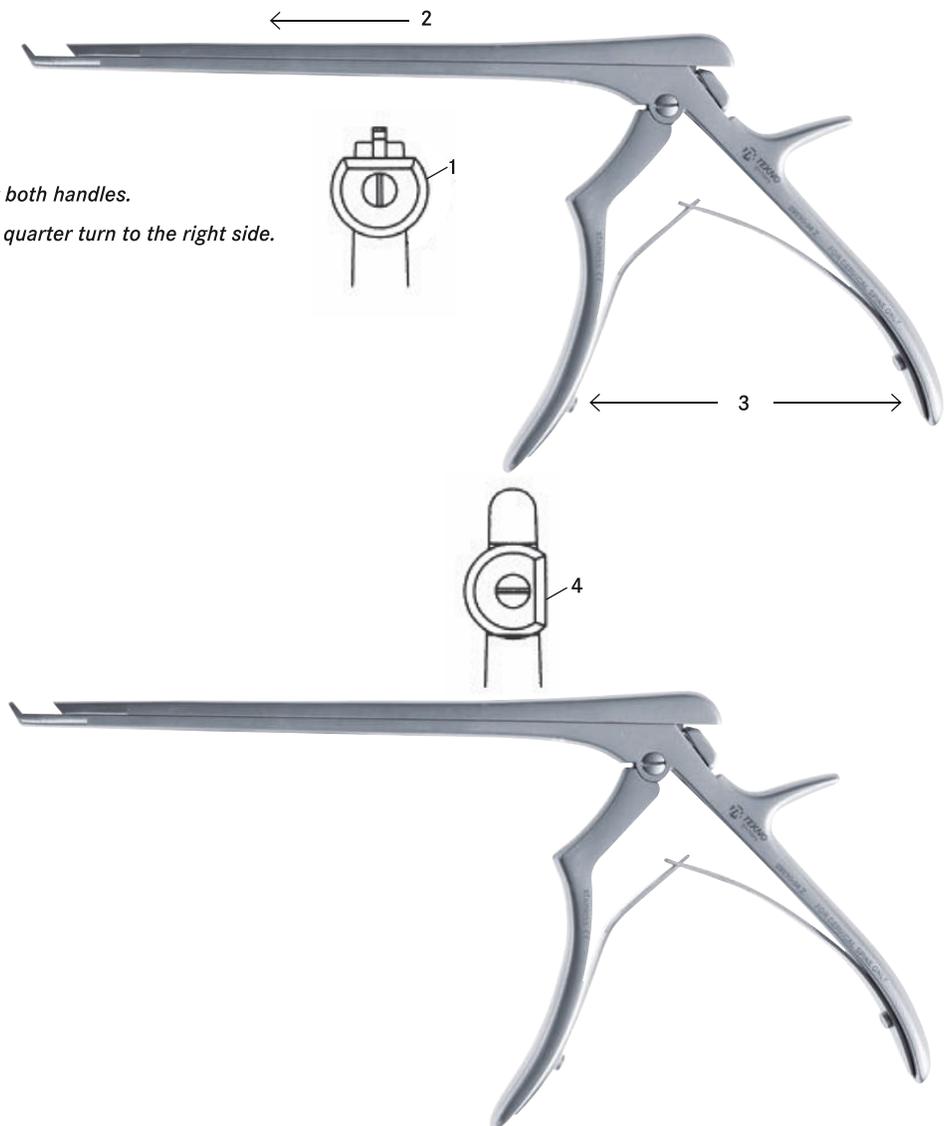
Laminectomy Punches

relation

– the upper cutting part with the basic instrument is related by numerical codes.

Assembling

1. Locking nut in open position.
2. Positioning of upper cutting part.
3. closing of punch jaws by pressing both handles.
4. interlocking of locking screw by a quarter turn to the right side.

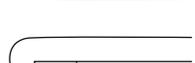


ready for use

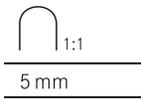
Laminectomy Punches



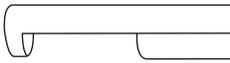
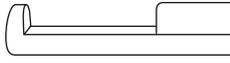
COLCLOUGH

	x = 150 mm - 6"	x = 200 mm - 8"
	3 mm SF-06-60871	3 mm SF-06-60873
	5 mm SF-06-60872	5 mm SF-06-60874
	3 mm SF-06-60875	3 mm SF-06-60877
	5 mm SF-06-60876	5 mm SF-06-60878
	3 mm SF-06-60879	3 mm SF-06-60881
	5 mm SF-06-60880	5 mm SF-06-60882

Laminectomy Punches



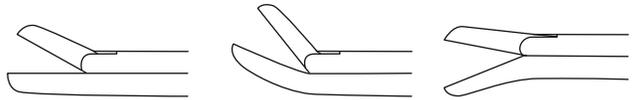
FERRIS - SMITH - KERRISON

		x = 180 mm - 7"
	5 mm	SF-06-60883
	5 mm	SF-06-60884

Laminectomy Rongeurs



CUSHING



	2 mm x 10 mm	2 mm x 10 mm	2 mm x 10 mm
x = 130 mm - 5"	SF-06-60885	SF-06-60888	SF-06-60891
x = 180 mm - 7"	SF-06-60886	SF-06-60889	SF-06-60892
x = 220 mm - 8 3/4"	SF-06-60887	SF-06-60890	SF-06-60893

LOVE -GRUENWALD



	3 mm x 10 mm	3 mm x 10 mm	3 mm x 10 mm
x = 130 mm - 5"	SF-06-60894	SF-06-60897	SF-06-60900
x = 180 mm - 7"	SF-06-60895	SF-06-60898	SF-06-60901
x = 220 mm - 8 3/4"	SF-06-60896	SF-06-60899	SF-06-60902

SPURLING



	4 mm x 10 mm	4 mm x 10 mm	4 mm x 10 mm
x = 130 mm - 5"	SF-06-60903	SF-06-60906	SF-06-60909
x = 180 mm - 7"	SF-06-60904	SF-06-60907	SF-06-60910
x = 220 mm - 8 3/4"	SF-06-60905	SF-06-60908	SF-06-60911

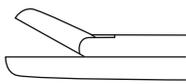
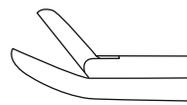
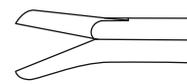
CLOWARD



	6 mm x 10 mm		
x = 180 mm - 7"	SF-06-60912		

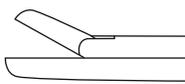
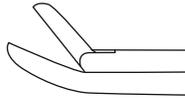
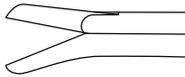
Laminectomy Rongeurs



				
	FERRIS - SMITH	x = 180 mm - 7"	x = 180 mm - 7"	x = 180 mm - 7"
 1:1	2 mm x 10 mm	SF-06-60913	SF-06-60917	SF-06-60920
 1:1	3 mm x 10 mm	SF-06-60914	SF-06-60918	SF-06-60921
 1:1	4 mm x 10 mm	SF-06-60915	SF-06-60919	SF-06-60922
 1:1	6 mm x 10 mm	SF-06-60916		

Laminectomy Rongeurs



	CASPAR			
		x = 155 mm - 6"	x = 155 mm - 6"	x = 155 mm - 6"
 1:1	2 mm	SF-06-60923	SF-06-60927	SF-06-60930
 1:1	3 mm	SF-06-60924	SF-06-60928	SF-06-60931
 1:1	4 mm	SF-06-60925	SF-06-60929	SF-06-60932
 1:1	5 mm	SF-06-60926		

Laminectomy Rongeurs



OLDENBERG	○ 1:1	○ 1:1
x = 180 mm – 7"	3.5 mm Ø	6.0 mm Ø
170 mm – 6 3/4"	SF-06-60933	SF-06-60934



SCHLESINGER	
	3 mm x 10 mm
	x = 125 mm – 5"
190 mm – 7 1/2"	SF-06-60935
<i>saw edge</i>	

Laminectomy Rongeurs



CASPAR

	x = 140 mm - 5½"	x = 160 mm - 6¼"	x = 185 mm - 7¼"
2 mm x 12 mm	SF-06-60936	SF-06-60939	SF-06-60944
3 mm x 12 mm	SF-06-60937	SF-06-60940	SF-06-60945
4 mm x 14 mm	SF-06-60938	SF-06-60941	SF-06-60946
5 mm x 14 mm		SF-06-60942	SF-06-60947
6 mm x 16 mm		SF-06-60943	SF-06-60948



	x = 140 mm - 5½"	x = 160 mm - 6¼"	x = 185 mm - 7¼"
3 mm x 12 mm	SF-06-60949	SF-06-60951	SF-06-60954
4 mm x 14 mm	SF-06-60950	SF-06-60952	SF-06-60955
5 mm x 14 mm		SF-06-60953	SF-06-60956



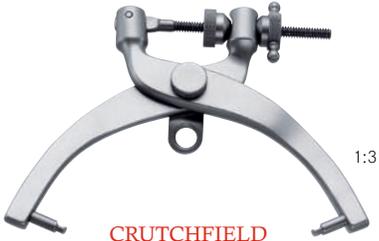
	x = 140 mm - 5½"	x = 160 mm - 6¼"	x = 185 mm - 7¼"
3 mm x 12 mm	SF-06-60957	SF-06-60959	SF-06-60961
4 mm x 14 mm	SF-06-60958	SF-06-60960	SF-06-60962

Laminectomy Rongeurs



		 1:1	 1:1	 1:1	 1:1	 1:1
		Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
		a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm
 0°	x = 120 mm - 4 3/4"	SF-06-60963	SF-06-60964	SF-06-60965	SF-06-60966	SF-06-60967
	x = 120 mm - 4 3/4"	SF-06-60968	SF-06-60969	SF-06-60970	SF-06-60971	
	x = 120 mm - 4 3/4"	SF-06-60972	SF-06-60973	SF-06-60974		
 45°		Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
		a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm
	x = 180 mm - 7"	SF-06-60975	SF-06-60976	SF-06-60977	SF-06-60978	SF-06-60979
 90°						
	x = 180 mm - 7"	SF-06-60980	SF-06-60981	SF-06-60982	SF-06-60983	

Cervical traction tongs



CRUTCHFIELD
SF-06-60984



	3.5 mm Ø	5.0 mm Ø
SF-06-60985	x	x

set of 2 pieces



CRUTCHFIELD
SF-06-60986



SF-06-60987

large type, cervical traction tongs – pins adjustable no drilling to be done

SF-06-60988

spare pin



SF-06-60989

Wrench, double-ended

Hand Drills



HUDSON

270 mm - 10 $\frac{3}{4}$ " | **SF-06-60990**

complete with 4 twist drills (Fig. 1 - Fig. 4) and extension piece



SF-06-60991

extension piece



1:2

Fig. 1

9 mm Ø

SF-06-60992



1:2

Fig. 2

14 mm Ø

SF-06-60993



1:2

Fig. 3

16 mm Ø

SF-06-60994



1:2

Fig. 4

22 mm Ø

SF-06-60995



1:2

CUSHING

14 mm Ø

SF-06-60996



1:2

McKENZIE

13 mm Ø

SF-06-60997

Instruments For Cranial Opening



1:2

DE MARTEL
330 mm - 13"
SF-06-60000



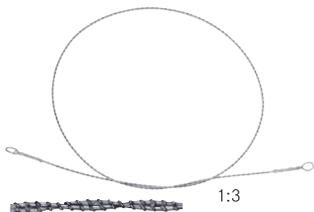
1:2

ADSON
150 mm - 6" SF-06-60998



1:2

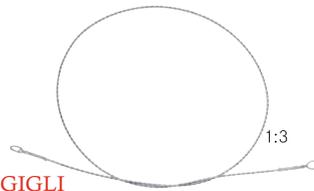
DE VILBISS
210 mm - 8 1/4" SF-06-60999



1:3

OLIVECRONA

300 mm - 12"	SF-06-60001
400 mm - 16"	SF-06-60002
500 mm - 20"	SF-06-60003
600 mm - 23 1/2"	SF-06-60004
700 mm - 27 1/2"	SF-06-60005



1:3

GIGLI

300 mm - 12"	SF-06-60006
400 mm - 16"	SF-06-60007
500 mm - 20"	SF-06-60008

6 wires twisted



1:2

GIGLI
SF-06-60009

Self-Retaining Brain Retractor



SF-06-60010

complete, consisting of: fixation base for 1 flexible

SF-06-60011

complete, consisting of: fixation base for 2 flexible



SF-06-60012

Fixation base only, holding 2 flexible arms

SF-06-60013

Fixation base only, holding 1 flexible arm

Brain Spatulas



1:2

CUSHING

	180 mm - 7"
7 mm x 9 mm	SF-06-60014
11 mm x 13 mm	SF-06-60015
15 mm x 18 mm	SF-06-60016
18 mm x 22 mm	SF-06-60017



1:2

OLIVECRONA

	180 mm - 7"	180 mm - 7"
7 mm x 9 mm	SF-06-60018	SF-06-60022
11 mm x 13 mm	SF-06-60019	SF-06-60023
15 mm x 18 mm	SF-06-60020	SF-06-60024
18 mm x 22 mm	SF-06-60021	SF-06-60025

convex

concave



1:2

HEIFETZ

	200 mm - 8"
x = 8 mm	SF-06-60026
x = 11 mm	SF-06-60027
x = 14 mm	SF-06-60028
x = 17 mm	SF-06-60029
x = 20 mm	SF-06-60030

malleable





Thank you for your interesting of
SURGIFACT® products

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