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GAITHERSBURG, MD

ROBOZ SURGICAL INSTRUMENT COMPANY, INC.

P.O. BOX 10710

GAITHERSBURG, MARYLAND 20898-0710



Roboz Surgical Instrument Co.

Dumont Tweezers and Forceps Catalog





shopping.roboz.com



When Otto Roboz started the Roboz Surgical Instrument Co. in 1953, his goal was to provide researchers with specialized, hand-crafted surgical instruments designed to meet their unique demands. Since then, Roboz Surgical has grown into one of the life science market's leading sources of quality surgical instruments. Even though the work of the research community has changed quite a bit over the last 58 years, Roboz Surgical, through constant innovation, continues to provide the highest-quality instruments and unparalleled service, to meet and exceed all of our customers' needs.

Today Roboz Surgical Instrument Co. is a leading designer and developer of surgical instruments and related products. Our products are used by healthcare and research professionals worldwide. Throughout our fiftyeight year history, the Roboz name has been synonymous with quality.







ounded in 1881 by
Arnold Dumont,
Dumont SA has
since become the world's number
one manufacturer of precision
tweezers and forceps. Over 125
years later, Dumont SA continues
the tradition of Swiss quality manufacturing, while adapting their
range of products to the specific
needs of the medical and biology
research industries. Dumont tools
are still manufactured solely in
Montignez,

Switzerland and most of the operations are carried out by hand, one item at a time.

Roboz Surgical Instrument Co. carries a wide selection of tweezers from Dumont's Medical and Biology line. We have many shapes and tip sizes available so that you can find the pair that is perfect for you. Please refer to page 2 for tips on choosing the right pair of tweezers.

How to Choose Your Instruments

Tips

Standard tips are made for continuous high precision work. Please note that measurements in the catalog are indicative and that slight variations may occur as our tips are hand finished.

Biologie tips. The imprint "Biologie" identifies forceps and tweezers especially produced for high precision laboratory work. Usually used under the microscope, tips on those tools are half the size of the ones on regular instruments.

Superfine tips. The finest tips made by Dumont, half the size of Biologie tips.

Curved and Angled Tweezers

There are many instruments meant to ease your work. Angled and curved tweezers enable you to hold your tweezers parallel or at a 90 degree angle to what you are working on.

Most surgeons or workers are comfortable using 45 degree angles on their tips so they can keep the hand straight, see what they are doing and easily reach the target even in a narrow space.

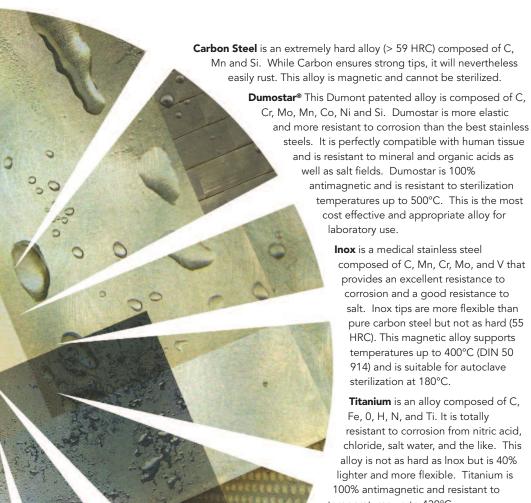
Personal preference may be a consideration when selecting the length of a tool. If you have large hands you may feel more comfortable using longer instruments but the position of the tool in the hand will also help you decide the appropriate length you need. On average, tools are 115 mm long but we have tools ranging from 105 to 135 mm.

Instrument Length

We offer tweezers made of several different kinds of alloys. Check the description of all alloys available before you make your decision in order to make sure it will suit vour needs, for instance, overall hardness or whether or not it is suitable for sterilization.

Alloys

Available Alloys



temperatures up to 430°C.

Dumoxel alloy is composed of C, Cr, Ni, Mo and Cu and is the most popular among our customers. This alloy was developed and patented by Dumont to offer the best in resistance to corrosion thanks to its high concentration of molybdenum and chromium. Dumoxel also guarantees an excellent resistance to

sulphuric environments, hydrochloric acid, as well as to all other mineral and organic acids. Dumoxel is 95% antimagnetic, resistant up to temperatures of around 400°C (DIN 50 914) and is suitable for autoclave sterilization at 270°C.

ROBOZ

NEW!







RS-4990

RS-4991

RS-4992



GUANDATI MEDICAL STORALIZS SHINS HADE	

These highly modified forceps have elongated, highly polished, parallel tips which are designed for controlled intraluminal vessel dilation.



7	B
DUMONT MEDICAL STANJESS SMISSMADE	RS-4927

Item No.	Alloy	Grip Serrations	Tip Width (A) (mm)	Tip Width (A) (in)	Tip/Tube Diameter (mm)	Tip/Tube Diameter (in)	Length (mm)	Length (in)	Price	Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)
RS-4990	INOX	Yes	0.75	0.030	0.35	0.014	131	5.16	\$181.60	RS-4927	INOX	Yes	0.16	0.006	0.20	0.008
RS-4991	INOX	Yes	0.90	0.035	0.50	0.020	130	5.12	\$169.40							

\$156.10

5.04

1.40

0.055

1.00

0.039

128

1.800.424.2984

Length (mm)

113

Length (in)

4.4

INOX

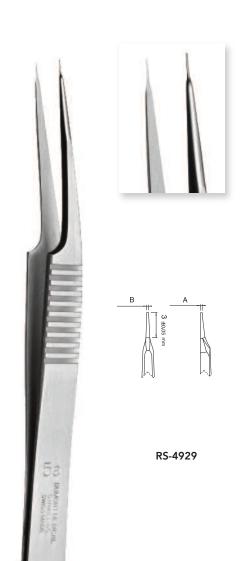
Yes

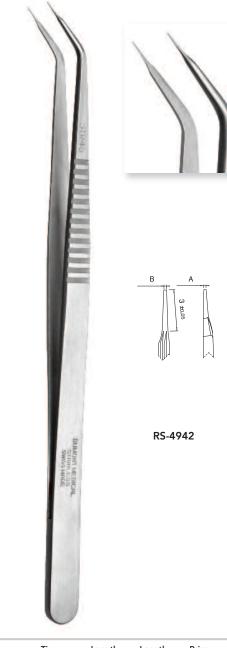
RS-4992

Price

\$167.30

Vessel Dilation Forceps

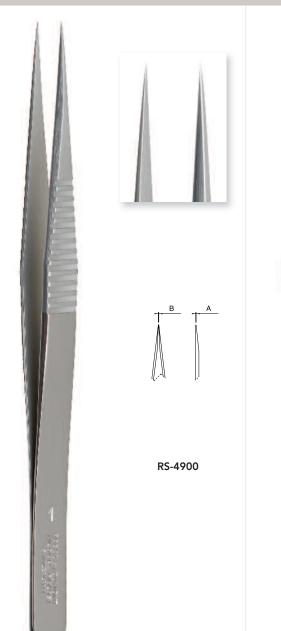


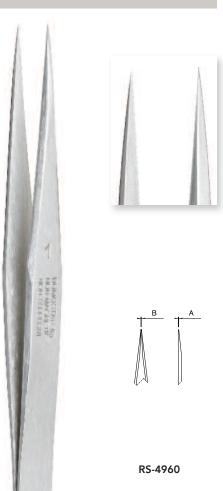


Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4929	INOX	Yes	0.16	0.006	0.20	0.008	115	4.5	\$136.70
RS-4942	INOX	Yes	0.16	0.006	0.20	0.008	127	5.0	\$180.60

PATTERN 1

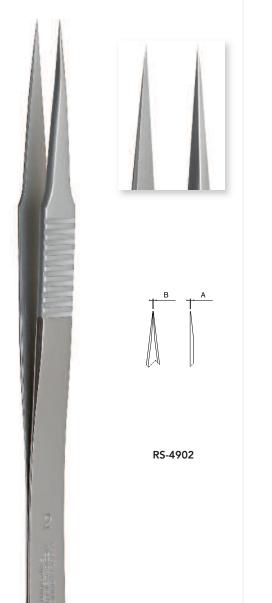
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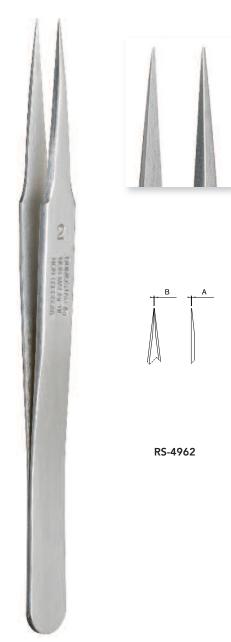




Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4900 B	Inox	Yes	0.06	0.0024	0.1	0.0039	120	4.72	\$34.40
RS-5040	lnox	No	0.12	0.0047	0.2	0.0079	120	4.72	\$34.40
RS-4960	Dumostar	No	0.12	0.0047	0.2	0.0079	120	4.72	\$48.70

B Extra Fine "Biologie" tips





Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4902 B	INOX	Yes	0.07	0.0028	0.17	0.0067	120	4.72	\$34.40
RS-5041	INOX	No	0.14	0.0055	0.34	0.0134	120	4.72	\$34.40
RS-4962	Dumostar	No	0.14	0.0055	0.34	0.0134	120	4.72	\$48.70

PATTERN 3

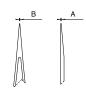




RS-4966







RS-4913

A shorter, 70mm, version of the Dumont #3 forceps.

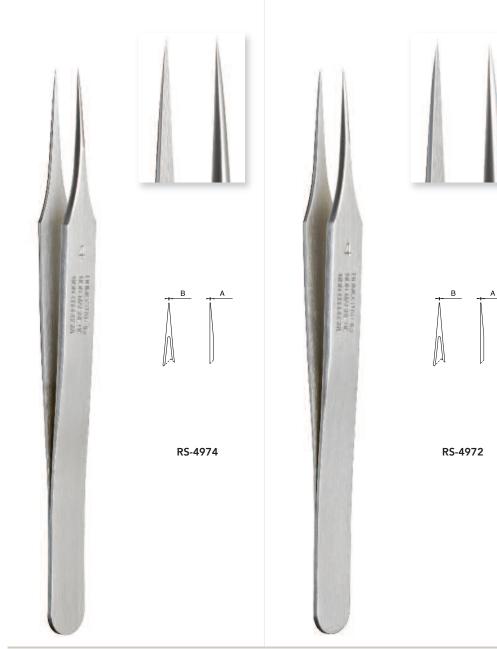
Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4913 B	INOX	No	0.04	0.0016	80.0	0.0032	70	2.8	\$19.40
RS-5042	INOX	No	0.10	0.0039	0.17	0.0067	120	4.72	\$34.40
RS-4903 B	INOX	Yes	0.04	0.0016	0.08	0.0032	120	4.72	\$39.80
RS-4964	Dumostar	No	0.10	0.0039	0.17	0.0067	120	4.72	\$48.70
RS-4966 B	Dumostar	No	0.04	0.0016	0.08	0.0032	120	4.72	\$54.10

B Extra Fine "Biologie" tips



Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-5043	INOX	No	0.10	0.0039	0.17	0.0067	110	4.33	\$30.20
RS-4968	Dumostar	No	0.10	0.0039	0.17	0.0067	110	4.33	\$48.70
RS-4970 B	Dumostar	No	0.04	0.0016	0.08	0.0032	110	4.33	\$54.10

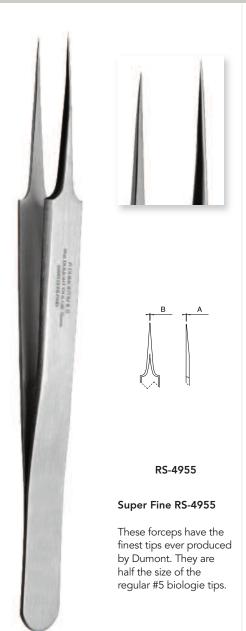
PATTERN 4



Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-5044	INOX	No	0.08	0.0032	0.13	0.0051	110	4.33	\$34.40
RS-4904 B	INOX	Yes	0.02	0.0008	0.06	0.0024	110	4.33	\$39.60
RS-4972	Dumostar	No	0.08	0.0032	0.13	0.0051	110	4.33	\$48.70
RS-4974 B	Dumostar	No	0.02	0.0008	0.06	0.0024	110	4.33	\$54.10

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B Extra Fine "Biologie" tips



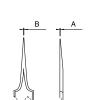


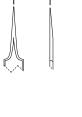
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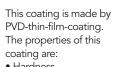
Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-5045	INOX	No	0.06	0.0024	0.01	0.0039	110	4.33	\$27.60
RS-5035	Carbon Stee	l No	0.04	0.0016	0.08	0.0032	110	4.33	\$32.50
RS-5065	Dumoxel	No	0.06	0.0024	0.1	0.0039	110	4.33	\$37.90
RS-4905 🖪	INOX	Yes	0.01	0.0004	0.05	0.002	110	4.33	\$39.60
RS-5055	Titanium	No	0.06	0.0024	0.1	0.0039	110	4.33	\$43.30
RS-5060 B	Dumoxel	No	0.01	0.0004	0.05	0.002	110	4.33	\$43.30
RS-5050 B	Titanium	No	0.01	0.0004	0.05	0.002	110	4.33	\$48.70
RS-4976	Dumostar	No	0.06	0.0024	0.1	0.0039	110	4.33	\$48.70
RS-4955 😏	INOX	No	0.005	0.0002	0.025	0.001	110	4.33	\$56.10
RS-4978 B	Dumostar	No	0.01	0.0004	0.05	0.002	110	4.33	\$54.10











RS-4925

- Hardness,
- Longer lifetime,
- Scratch resistance,
- No reflection for work under microscope,
- Anti-corrosiveness,
- Biocompatibility,
- Easy to clean.





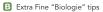


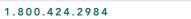
RS-4915

Same as the standard #5 forceps, but 25% longer.

Part Number	Alloy	Grip Serrations	Tip Width (mm) (A)	Tip Width (in) (A)	Tip Thickness (mm) (B)	Tip Thickness (in) (B)	Length (mm)	Length (in)	Price
RS-4925 B	Coated INOX	No	0.01	0.0004	0.05	0.002	110	4.33	\$69.40
RS-4915	INOX	Yes	0.06	0.002	0.10	0.004	150	5.90	\$39.80

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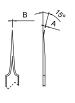






PATTERN 55





RS-5045A



						0.00			
Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-5045A	INOX	No	0.06	0.0024	0.10	0.0039	105	4.13	\$34.40
RS-5058	Dumoxel	No	0.06	0.0024	0.10	0.0039	109	4.29	\$37.90
RS-5055	Titanium	No	0.06	0.0024	0.10	0.0039	110	4.33	\$43.30



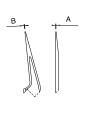


Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4919 🖪	INOX	Yes	0.01	0.0004	0.05	0.002	106	4.17	\$39.60
RS-5010 B	INOX	No	0.01	0.0004	0.05	0.002	109	4.29	\$39.60
RS-5063 🖪	Dumoxel	No	0.01	0.0004	0.05	0.002	109	4.29	\$43.30
RS-4984 B	Dumostar	No	0.01	0.0004	0.05	0.002	109	4.29	\$54.10

PATTERN 5 Modified



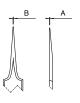




RS-4928



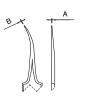




RS-5020









Tips closing flat on 4mm.

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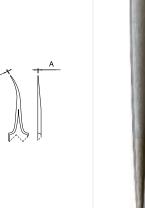


RS-5046

Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price	Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4928 B	INOX	No	0.02	0.0008	0.06	0.0024	115	4.53	\$39.60	RS-5001 B	INOX	Yes	0.02	0.0008	0.06	0.0024	110	4.33	\$39.60
RS-5020 B	INOX	No	0.01	0.0004	0.05	0.002	108	4.25	\$39.60	RS-5046	INOX	No	0.1	0.0039	0.17	0.0067	115	4.53	\$34.40







RS-4982





RS-4980







RS-4935







RS-5027

Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-5047	INOX	No	0.1	0.0039	0.17	0.0067	115	4.53	\$34.40
RS-5064	Dumoxel	No	0.1	0.0039	0.17	0.0067	115	4.53	\$37.90
RS-4907 B	INOX	Yes	0.03	0.0012	0.07	0.0028	115	4.53	\$39.60
RS-5037 B	Dumoxel	No	0.03	0.0012	0.07	0.0028	115	4.53	\$43.30
RS-5057	Titanium	No	0.1	0.0039	0.17	0.0067	115	4.53	\$43.30
RS-5039 B	Titanium	No	0.03	0.0012	0.07	0.0028	115	4.53	\$48.70
RS-4980	Dumostar	No	0.1	0.0039	0.17	0.0067	115	4.53	\$48.70

0.07

0.0028

115

4.53

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\$54.10

Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4935 B	INOX	Yes	0.03	0.0012	0.07	0.0028	117	4.60	\$39.60
RS-5027 B	INOX	No	0.03	0.0012	0.07	0.0028	115	4.53	\$39.60

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0.0012

RS-4982 B Dumostar No

0.03

PATTERN SS

PATTERN SS/45

ong, Narrow Shanks, Thin Tips

Long, Narrow Shanks, Thin Tips, Bent 45

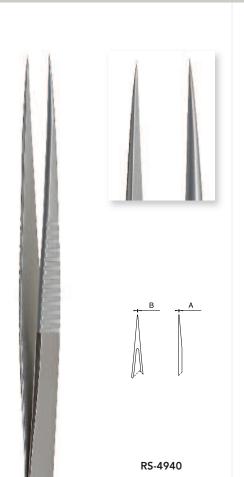


PATTERN PP/45

Strong Tips

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Strong Tips, Bent 45°

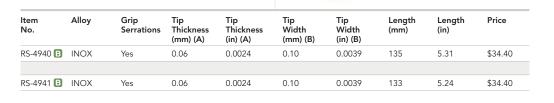


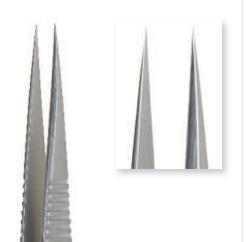




RS-4941















Item No.	Alloy	Grip Serrations	Tip Thickness (mm) (A)	Tip Thickness (in) (A)	Tip Width (mm) (B)	Tip Width (in) (B)	Length (mm)	Length (in)	Price
RS-4950 B	INOX	Yes	0.06	0.0024	0.10	0.0039	135	5.31	\$34.40
RS-4951 B	INOX	Yes	0.06	0.0024	0.10	0.0039	133	5.24	\$34.40

Corneal Forceps





RS-4952

These forceps are designed to hold different types of tissue, from eye surgery to wider microsurgical fields. The tips, backed by the tissue retention hole, securely grip tissue while minimizing trauma to the tissue.

Part Number	Material	Grip Serrations	Retention Hole Dia				Tip Thickness (in) (B)	_	Length (in)	Price
RS-4952	INOX	Yes	0.35mm	0.30	0.012	0.30	0.012	135mm	0.014	\$90.80

Part Number Inde

Part No.	Description	Page	Part No.	Description	Page
RS-4900	NO.1 DUMONT INOX	7	RS-4980	NO.7 DUMONT DUMOSTAR	18
RS-4902	NO.2 DUMONT INOX	8	RS-4982	NO.7 DUMONT DUMOSTAR	18
RS-4903	NO.3 DUMONT INOX	9	RS-4984	NO.55 DUMONT DUMOSTAR	15
RS-4904	NO.4 DUMONT INOX	11	RS-4990	.35MM VES CANN DUMONT INOX	4
RS-4905	NO.5 DUMONT INOX	12	RS-4991	.5MM VES CANN DUMONT INOX	4
RS-4907	NO.7 DUMONT INOX	18	RS-4992	1MM VES CANN DUMONT INOX	4
RS-4913	NO.M3 MINI DUMONT INOX	9	RS-5001	NO.5 MODIFIED DUMONT INOX	17
RS-4915	NO.M3 MINI DUMONT INOX	13	RS-5005	NO.5/45 DUMONT INOX	14
RS-4919	NO.5 CERAMIC COAT DUMONT INOX	15	RS-5010	NO.55 DUMONT INOX	15
RS-4925	NO.7 DILATING DUMONT INOX	13	RS-5020	NO.N5 DUMONT CROSS ACTION INOX	16
RS-4927	NO.7 DILATING DUMONT INOX	5	RS-5027	NO.N7 DUMONT CROSS ACTION INOX	19
RS-4928	NO.5A DUMONT OBLIQUE INOX	16	RS-5035	NO.5 DUMONT CARBON STEEL	12
RS-4929	NO.5A DILATING DUMONT INOX	6	RS-5037	NO.7 DUMONT DUMOXEL	18
RS-4935	NO.7S DUMONT INOX	19	RS-5039	NO.7 DUMONT TITANIUM	18
RS-4940	NO.SS/LONG DUMONT INOX	20	RS-5040	NO.1 DUMONT INOX	7
RS-4941	NO.SS/45 LONG DUMONT INOX	20	RS-5041	NO.2 DUMONT INOX	8
RS-4942	NO.SS DILATING DUMONT INOX	6	RS-5042	NO.3 DUMONT INOX	9
RS-4950	NO.PP DUMONT INOX	21	RS-5043	NO.3C DUMONT INOX	10
RS-4951	NO.PP/45 DUMONT INOX	21	RS-5044	NO.4 DUMONT INOX	11
RS-4952	NO.PP CORNEAL DUMONT INOX	22	RS-5045	NO.5 DUMONT INOX	13
RS-4955	NO.5 SUPER FINE DUMONT INOX	12	RS-5045A	NO.5/15 DUMONT INOX	14
RS-4960	NO.1 DUMONT DUMOSTAR	7	RS-5046	NO.6 DUMONT INOX	17
RS-4962	NO.2 DUMONT DUMOSTAR	8	RS-5047	NO.7 DUMONT INOX	18
RS-4964	NO.3 DUMONT DUMOSTAR	9	RS-5050	NO.5 DUMONT TITANIUM	12
RS-4966	NO.3 DUMONT DUMOSTAR	9	RS-5055	NO.5 DUMONT TITANIUM	12
RS-4968	NO.3C DUMONT DUMOSTAR	10	RS-5057	NO.7 DUMONT TITANIUM	18
RS-4970	NO.3C DUMONT DUMOSTAR	10	RS-5058	NO.5/45 DUMONT DUMOXEL	14
RS-4972	NO.4 DUMONT DUMOSTAR	11	RS-5060	NO.5 DUMONT DUMOXEL	12
RS-4974	NO.4 DUMONT DUMOSTAR	11	RS-5063	NO.55 DUMONT DUMOXEL	15
RS-4976	NO.5 DUMONT DUMOSTAR	12	RS-5064	NO.7 DUMONT DUMOXEL	18
RS-4978	NO.5 DUMONT DUMOSTAR	12	RS-5065	NO.5 DUMONT DUMOXEL	12

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3	Thin Tips	9	7	Curved Thin Tips	18
3C	Short, Thin Tips	10	7S	Small, Curved and Thin Tips	19
4	Very Thin Tips	11	N7	Cross action, Curved, Thin Tips	19
5	Super Thin Tips	12-13	SS	Long and Narrow Shanks, Thin Tips	20
5 Modified	Oblique Thin TM Tips, Half Curve	17	SS/45	Long and Narrow Shanks, Thin Tips, Bent 45deg	20
5/15	Thin Tips, Bent 15deg	14	PP	Strong Tips	21
5/45	Thin Tips, Bent 45deg	14	PP/45	Strong Tips, Bent 45deg	21
5/90	Thin Tips, Bent 90deg	15	N/A	Corneal Forceps	22
5A	Oblique Tips	16	N/A	Vessel Cannulation Forceps	4
55	Light Shanks, Very Thin Tips	17	N/A	Vessel Dilation Forceps	5-6

Ordering Information

Phone

To Order by phone call Toll Free **1-800-424-2984**Our experienced customer support staff will courteously and efficiently assist you. Our business hours are: 8:30 a.m. to 5:30 p.m. Eastern Time.

Fax

Fax your purchase orders directly to: Roboz Surgical Customer Service. **1-888-424-3121**

Online

Submit orders 24/7 to:

shopping.roboz.com

Email Orders to:

info@roboz.com

Credit Card

Roboz accepts VISA, Mastercard and American Express.

After Hours

Our normal business hours are: 8:30 a.m. to 5:30 p.m. Eastern Time Monday through Friday. Outside normal hours please submit orders online or leave your name and phone number on our voice mail and a customer service representative will return your call the next business day.

Shipping & Handling

We normally ship using two-day service for a flat rate. Next day service is available for an additional fee. Shipping point is Gaithersburg, Maryland.

Returns

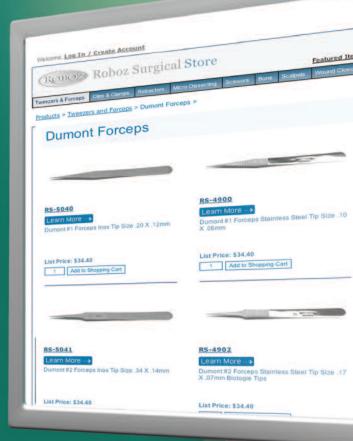
To return any of our products please call us at **1-800-424-2984**. Our customer service staff will arrange for authorization and assist you. Please use care in packaging delicate items. Also note a 10% restocking charge may apply.



1,000+
Products at Your Fingertips
24/7

The Roboz Web Store

allows our customers to browse our selection of over 1000 high quality surgical instruments, check prices, and place orders any time of the day. Orders placed before 5PM EST Monday-Friday will get processed and shipped the same day, and orders placed after 5PM EST will get processed and shipped the next business day. Remember to check back often or sign up to receive updates and webonly promotions and pricing specials.



Visit the web store today

shopping.roboz.com