



2020 Retail Catalog
(Updated March 2020)

**Manufacturer of Orthodontic Lab Wires and Supplies
in our Southern New Jersey Manufacturing Facility**



Established 1996



J.A.W. Products, Inc. is a family owned and managed business located in southern New Jersey just a few miles from the City of Philadelphia.

Since 1971, Earl Weightman (President), has been employed in the machinery industry. He served and completed a four-year Machinist Apprenticeship followed by a Tool & Die Maker Apprenticeship in the State of Pennsylvania. From 1980 to 1996 he worked at a major orthodontic manufacturing firm in Pennsylvania and served as their toolmaker and production supervisor. Mr. Weightman also has experience in a job shop environment designing and building small intricate progressive and wire forming dies. In 1996, Earl and his wife Eleanor started J.A.W. Products and the results are a production machine shop and orthodontic wire manufacturing facility. J.A.W. Products, Inc. is now a manufacturer of pre-formed orthodontic lab wires for major U.S. distributors.



Ellie & Earl

Eleanor (Ellie) Weightman (Vice President), has experience in the educational, medical and engineering fields as an Executive Secretary, as well as a computer background. Eleanor is responsible for the daily management of the office including the accounting and payroll, as well as employees in the packaging and shipping areas.



Chris & Jen

Jen (our daughter) and her husband Chris Bertotti are very busy raising two small children, as well as working with Earl and Ellie to manage day-to-day operations of J.A.W. Products, Inc. Chris is active in the daily running of the press and machine shops and is also well trained in the operation of all machinery and is also responsible for Quality Control. He is also in the process of learning CNC programming. Jen is our Website and Marketing manager, she is responsible for the total creation, coding and maintenance of J.A.W. Products' e-commerce website (www.jawproducts.com).



Chris

Chris Marrocco began his career at J.A.W. Products as a young man out of high school and has been with the business for 20 years. He is married and has a young son. Chris is responsible for training other lower level machinist in the intricate detailing and computerized program writing for the work done in our CNC machines. He has his Associate's degree in Computer Integrated Manufacturing which was heavily focused on automation, quality control and management. Chris is well versed in CAD/CAM systems and responsible for our CNC programming. He has training with various tooling and machine manufacturers and has a welder/fitter certificate to oversee any TIG welding done in-house.

We strive to satisfy our customers with high quality materials, products and services. This is our #1 priority. Our machining and assembly professionals are committed to our customers by meeting these standards and continuing to fabricate quality products on time. We are aware that our clients have customers they need to serve, and we will do everything we can to assure our customer meets their goals.

Some of our services:

- Forming of small intricate dental and orthodontic wires as used in the orthodontic field, such as Modified Adams Clasps, Flatbows, Labials, Foil Mesh Pads, Lingual Retainers, etc.
- Small diameter wire straightening and cutoff
- TIG, stick and spot welding
- Production Machining
- Punch Press Stampings and Formings
- Tool & die design and building
- Gas turbine vane segments
- Precision weights
- Precision transmission valves
- Laboratory mixers, propellers and stands for proprietary clients
- Hydraulic and clean water valve components

J.A.W. Products, Inc has a full machine shop with various CNC mills and lathes, as well as various punch presses, including a 60-ton press. Materials used vary from aluminum, various grades of stainless steel including 304V (Vacuum Arc Re-melted), medical grade stainless steel, brass, carbide steel, Hastelloy and Inconel.

If you would like to talk to someone about our services, request a quote or have accounting questions, please use the contact information below:

Machine & Tool Shop

Earl Weightman: earl@jawproducts.com
Phone: 856-829-3210
Fax: 856-829-3220

Accounting & Orthodontic Inquiries:

Eleanor Weightman: eleanor@jawproducts.com
Ph one: 856-829-3210
Fax: 856-829-4126

To all of you, from all of us at J.A.W. Products, Inc. - Thank you!

To Order or Contact Us:

Toll Free: 888-221-0671
Phone: 856-829-3210
General Fax: 856-829-3220
Accounting Fax: 856-829-4126
Email: orders@jawproducts.com
Website: <http://www.jawproducts.com>

Hours of Operation:

Machine Shop: Mon - Thurs 6 AM - 4:30 pm ET

Office: Mon - Thurs 8 AM - 4:30 pm ET
Fri - Closed



www.facebook.com/jawproducts

Website Orders:

Our website does not charge your credit cards. After your order is processed in our offices your credit card will be charged when the final invoice is complete and shipping charges are applied.

If you have an approved Net 30 account, the website will proceed as normal, but you will be billed internally from our offices.

If you have special deals for quantities set up with us, you will not see those deals on the website, but we are aware of those customers with special deals and will adjust your pricing on the final invoice internally in our offices.

Medical Device Excise Tax:

The Medical Device Excise Tax been permanently rescinded by President Trump.

FDA Registered Medical Device Manufacturing Facility. Registration #: 3010184332

SDS Sheets are available on our website.

Shipping: United States Only

All orders are shipped UPS Insured. Shipping and Handling charges will be added to the invoice.

If you would like to use your own UPS Collect Account, please call us with the UPS Account Number or be sure to place it on your faxed or emailed purchase order and make a note that it is UPS Collect.

We do not ship FedEx nor US Mail.

We do not sell internationally.

Payment Terms:

All payments must be in U.S. Funds

Net 30-day accounts must be set up with a credit check and trade references.

Credit cards are accepted and will be charged the day the order is shipped. "Special orders" (non-stock items) will be charged before the work proceeds on the items considered "special order." We accept Visa, MasterCard, American Express and Discover.

A packing slip is included in every order. Invoices are either faxed, emailed or sent via the US Mail according to your preferences.

Prices are listed on inserted pages. If you do not have, you can print it out from our website as a .pdf file. These prices are not guaranteed but will be up to date on the website.

We reserve the right to change prices if we deem it necessary, especially when it relates to stainless steel raw material costs.

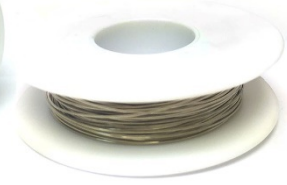
Orthodontic Silver Solder - 505 Cadmium Free (.025 / 22 gauge)

Orthodontic Silver Solder 22 gauge (.025 diameter) is cadmium-free. The melting temperature is 1220° F or 660° C. Orthodontic solder can be used to braze gold, silver or stainless steel. 505 Cadmium-Free Silver Solder is recommended for soldering Series 300 Stainless Steel wire, which is what is mainly used in fabricating orthodontic lab wire products.

Silver Content
is 50%



ITEM	ITEM #
.025 Diameter 5 DWT 22 gauge (approximately 8.5 feet)	SOLDER 5
.025 Diameter 80 DWT (4 Troy Oz) (approximately 138.5 feet)	SOLDER80



Orthodontic White Flux



Orthodontic White Flux is a creamy, smooth white fluoride flux for soldering stainless steel; use with our silver solder. We now supply an insert that you place on the top of the jar once opened, then screw the cap back on. This helps keep the flux from drying out between uses.

ITEM #	
2 oz jar	FLUX2
8 oz jar	FLUX8



Available in 2- and
8-ounce jars

Pure Silver Solder



Preformed Silver Solder (99.90-99.95% pure) in size .075 x .400 x .006 is sold as a 12 DWT (pennyweight) bag.



ITEM #	
Pure Silver Solder 12 DWT	PURESOLDER12

Brazing Solder 560 Paste

Brazing Solder 560 is a low melting, cadmium-free alloy used for 300 series stainless steel with close joint tolerances. Flux is not necessary as it is already formulated in this product. Convenient and allows for more accurate application.

ITEM #	
Brazing Solder 560	SOLDER560



Dispensing Needle with Luer Lock Connection



ITEM #	
PINK 18 Gauge .038 ID; .050 OD	DISPNEEDLE18G_PK
PURPLE 16 Gauge .053 ID; .065 OD	DISPNEEDLE16G_PRP

Finex Muslin Buffs

Finex Muslin Buffs with **Plastic Centers** are unstitched. These are superior quality, soft textured, loose buffs. Use with rouge to produce a high finish. Sold individually.

ITEM #	
#715 3" x 28 ply	BUFF715
#718 4" x 28 ply	BUFF718

**#715 IS BEING DISCONTINUED WHEN
SUPPLIES ARE EXHAUSTED**



Regular Muslin Buffs

Use Muslin Buffs with **Shellac Centers** with abrasive compounds such as emery, Tripoli and Fabulustre®. *These are not combed.* Also known as "rag wheels." Sold individually.

ITEM #	
#580 4" x 30 ply	BUFF580



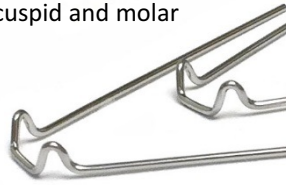
Modified Pre-Formed Adams Clasp (.028 and .030 Diameter Wire)



Our qualified technicians manufacture and visually inspect our Pre-formed Modified Adams Retainer Clasps in our production shop in New Jersey, USA. They are manufactured using .028 and .030 spring temper, bright stainless steel, medical grade wire. These are used as bicuspid and molar components in creating orthodontic retainers.

The angled loops provide excellent interproximal grip without interfering with adjacent teeth. This retainer clasp eliminates the need for your technicians to bend and form their own clasps and will cost you less on lost wire and time wasted on malformed parts.

Sold 100 per pack.



SIZE	.028 DIAM	.030 DIAM
5 mm	AC0285	AC0305
6 mm	AC0286	AC0306
7mm	AC0287	AC0307
8 mm	AC0288	AC0308
9 mm	AC0289	AC0309
10 mm	AC02810	AC03010
11 mm	AC02811	AC03011
12 mm	AC02812	AC03012

Arrowhead Clasp

Arrowhead Clasps are manufactured using .028 and .032 medical grade, stainless steel spring temper wire. Sold 100 clasps per pack.



WIRE DIAM	ITEM#
.028 Diam	ARROW028
.032 Diam	ARROW032

C-Clasp (Circumferential Clasp)

Orthodontic Circumferential "C" Clasps are manufactured using .030 or .036 medical grade, spring temper stainless steel wire. Sold 100 pieces per pack.

Now in extra-long legs for two sizes only.



WIRE DIAM	REGULAR	X-LONG LEGS
.030	CCLSP030	--
.032	--	CCLSP032XL
.036	CCLSP036	CCLSP036XL

Premium Ball Clasp

Our Premium Ball Clasps have a shiny, smooth, rounded ball and are 1 1/2" in length. Manufactured with 304V 3/4 (Medium Hard) stainless steel wire. Available in sizes .028, .032, .036,.040. Sold in 100 ball clasps per pack

SIZE	ITEM#
.028 Diam Wire / .050" Ball	BALL028
.032 Diam Wire / .055" Ball	BALL032
.036 Diam Wire / .060" Ball	BALL036
.040 Diam Wire / .066" Ball	BALL040

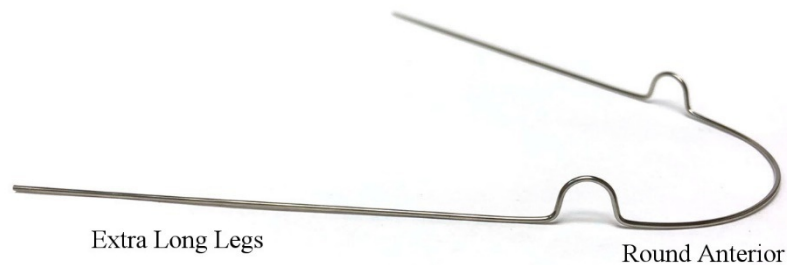


Round Bow Wrap-Around Archwire (.036 Diameter Wire)

The Round Bows are manufactured using **.036 bright** medium-hard (3/4 hard) 304V medical grade, stainless steel wire. **The entire archwire is in round wire, there is no flat in the center.**

The sizing of these are EXACTLY the same sizing as our traditional Flatbow Archwires, measured loop to loop from INSIDE the loops. The length of each leg is the same as our "XL" (Extra Long) flatbows.

Sold 10 per pack



Wire is round throughout, including between the loops and size is measured from **inside the two loops**. The loop height is .270 inch (same as Flatbows)

SIZE	MEASUREMENT (the legs are extra-long, see description)	ITEM#
Size 0	25 mm or 1" (95 mm legs) .036 diameter wire	RND0_1
Size 1	28.5 mm or 1 1/8" (94 mm legs) .036 diameter wire	RND1_118
Size 2	28.5 mm or 1 1/8" (94 mm legs) .036 diameter wire	RND2_114
Size 3	35 mm or 1 3/8" (92 mm legs) .036 diameter wire	RND3_138
Size 4	38 mm or 1 1/2" (90 mm legs) .036 diameter wire	RND4_112
Size 5	41.3 mm or 1 5/8" (88 mm legs).036 diameter wire	RND5_158
Size 6	44.5 mm or 1 3/4" (86 mm legs) .036 diameter wire	RND6_134
Size 7	47.6 mm or 1 7/8" (84 mm legs) .036 diameter wire	RND7_178
Size 8	50.8 mm or 2" (82 mm legs) .036 diameter wire	RND8_2
Size 9	54 mm or 2 1/8" (81 mm legs) .036 diameter wire	RND9_218
Size 10	57 mm or 2 1/4" (79 mm legs) .036 diameter wire	RND10_214
Size 11	63 mm or 2 1/2" (84 mm legs) .036 diameter wire	RND11_212
Size 12	60.3 mm or 2 3/8" (77.5 mm legs).036 diameter wire	RND12_238

Flatbow Labial Archwire

Our Flat Labial Bows are manufactured using .032 bright medium-hard (3/4 hard) 304V medical grade, stainless steel wire.

Mesially to the loops, across the six anterior teeth, the wire is flattened providing stability and patient comfort. The posterior region of the flatbow is round to allow anchoring to the orthodontic appliance.

We now manufacture **EXTRA LONG**, perfect for making flat wrap-around retainer wires. Look for the sizes marked with an "XL." Sold 10 per pack

SIZE	MEASUREMENT	ITEM #
Size 0	25 mm or 1" (76 mm legs)	FLATB0_1
Size 0 XL	25 mm or 1" (95 mm legs) Extra-Long Legs	FLATBOXL_1
Size 1	28.5 mm or 1 1/8" (74 mm legs)	FLATB1_118
Size 1 XL	28.5 mm or 1 1/8" (94 mm legs) Extra-Long Legs	FLATB1XL_118
Size 2	31 mm or 1 1/4" (72 mm legs)	FLATB2_114
Size 2 A	34.5 mm (75.5 mm legs)	FLATB2A_345
Size 2 XL	31 mm or 1 1/4" (92 mm legs) Extra-Long Legs	FLATB2XL_114
Size 2 AXL	34.5 mm (91 mm legs) Extra-Long Legs	FLATB2AXL_345
Size 3	35 mm or 1 3/8" (70 mm legs)	FLATB3_138
Size 3 XL	35 mm or 1 3/8" (92 mm legs) Extra-Long Legs	FLATB3XL_138
Size 3 A	37.5 mm (74 mm legs)	FLATB3A_375
Size 3 AXL	37.5 mm (90 mm legs) Extra-Long Legs	FLATB3AXL_375
Size 4	38 mm or 1 1/2" (68 mm legs)	FLATB4_112
Size 4 XL	38 mm or 1 1/2" (90 mm legs) Extra-Long Legs	FLATB4XL_112
Size 4 A	40.5 mm (72.5 mm legs)	FLATB4A_405
Size 4 AXL	40.5 mm (88 mm legs) Extra-Long Legs	FLATB4AXL_405
Size 5	41.3 mm or 1 5/8" (66 mm legs)	FLATB5_158
Size 5 XL	41.3 mm or 1 5/8" (88 mm legs) Extra-Long Legs	FLATB5XL_158
Size 5 A	43.5 mm (71 mm legs)	FLATB5A_435
Size 5 AXL	43.5 mm (87 mm legs) Extra-Long Legs	FLATB5AXL_435
Size 6	44.5 mm or 1 3/4" (64 mm legs)	FLATB6_134
Size 6 XL	44.5 mm or 1 3/4" (86 mm legs) Extra-Long Legs	FLATB6XL_134
Size 6 A	46.5 mm (69.5 mm legs)	FLATB6A_465
Size 6 AXL	46.5 mm (85 mm legs) Extra-Long Legs	FLATB6AXL_465
Size 7	47.6 mm or 1 7/8" (62 mm legs)	FLATB7_178
Size 7 XL	47.6 mm or 1 7/8" (84 mm legs) Extra-Long Legs	FLATB7XL_178
Size 7 A	49.5 mm (68 mm legs)	FLATB7A_495
Size 7 AXL	49.5 mm (84 mm legs) Extra-Long Legs	FLATB7AXL_495
Size 8	50.8 mm or 2" (60 mm legs)	FLATB8_2
Size 8 XL	50.8 mm or 2" (82 mm legs) Extra-Long Legs	FLATB8XL_2



The loop height is .270 inch



We reserve the right to change prices if we deem it necessary, especially when it relates to stainless steel raw material costs.

Flatbow “Loopless” Archwires

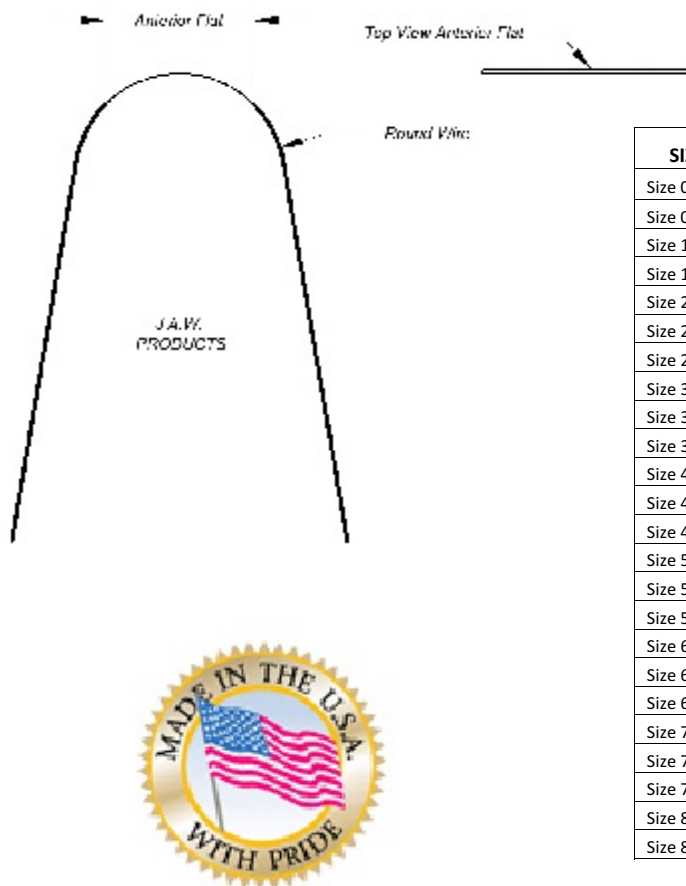
We manufacture our Flatbows *without* the loop so that technicians can **custom design** the size loop they require for a certain prescription from the orthodontist. These are manufactured using .032 diameter, 304V, bright, 3/4 hard stainless steel, medical grade wire.

Across the center anterior section of the archwire, the wire is flattened providing stability and patient comfort. *This anterior section corresponds to the fraction or millimeter measurement.*

The posterior region of the flatbow is round to allow anchoring to the orthodontic appliance.

The Extra-Long series is a measurement from the end of the loop to the end of the wire on each leg. Sold 10 per pack.

NOTE: THIS FLATBOW HAS NO LOOPS AS SHOWN IN THE DRAWING BUT IT DOES HAVE THE FLATTENED ANTERIOR SECTION.

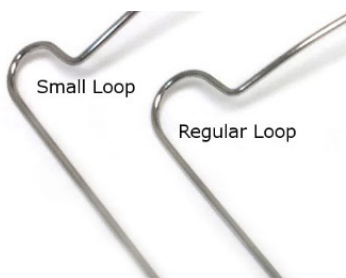


SIZE	MEASUREMENT	ITEM #
Size 0B	25 mm or 1" (76 mm legs)	FLATB0B_1
Size 0XLB	25 mm or 1" (95 mm legs) Extra-Long Legs	FLATB0XLB_1
Size 1B	28.5 mm or 1 1/8" (74 mm legs)	FLATB1B_118
Size 1XLB	28.5 mm or 1 1/8" (94 mm) Extra-Long Legs	FLATB1XLB_118
Size 2B	31 mm or 1 1/4" (72 mm legs)	FLATB2B_114
Size 2XLB	31 mm or 1 1/4" (92 mm legs) Extra-Long Legs	FLATB2XLB_114
Size 2AB	34.5 mm (75.5 mm legs)	FLATB2AB_345
Size 3B	35 mm or 1 3/8" (70 mm legs)	FLATB3B_138
Size 3XLB	35 mm or 1 3/8" (92 mm legs) Extra-Long Legs	FLATB3XLB_138
Size 3AB	37.5 mm (74 mm legs)	FLATB3AB_375
Size 4B	38 mm or 1 1/2" (68 mm legs)	FLATB4B_112
Size 4 XLB	38 mm or 1 1/2" (90 mm legs) Extra-Long Legs	FLATB4XLB_112
Size 4AB	40.5 mm (72.5 mm legs)	FLATB4AB_405
Size 5B	41.3 mm or 1 5/8" (66 mm legs)	FLATB5B_158
Size 5 XLB	41.3 mm or 1 5/8" (88 mm legs) Extra-Long Legs	FLATB5XLB_158
Size 5AB	43.5 mm (71 mm legs)	FLATB5AB_43.5
Size 6B	44.5 mm or 1 3/4" (64 mm legs)	FLATB6B_134
Size 6 XLB	44.5 mm or 1 3/4" (86 mm legs) Extra-Long Legs	FLATB6XLB_134
Size 6AB	46.5 mm (69.5 mm legs)	FLATB6AB_465
Size 7B	47.6 mm or 1 7/8" (62 mm legs)	FLATB7B_178
Size 7 XLB	47.6 mm or 1 7/8" (84 mm legs) Extra-Long Legs	FLATB7XLB_178
Size 7AB	49.5 mm (68 mm legs)	FLATB7AB_495
Size 8B	50.8 mm or 2" (60 mm legs)	FLATB8B_2
Size 8 XLB	50.8 mm or 2" (82 mm legs) Extra-Long Legs	FLATB8XLB_2

Labial Bow Archwire

Our Labial Bow Archwires are manufactured using .028, .030 or .032 high quality, 304V bright finish medium-hard (3/4 hard) medical grade, stainless steel wire.

Labial arches are measured loop to loop from the outside edges. Available in regular and small loop. Sold in packages of 12.



Loop height is .230



SMALL LOOP				REGULAR LOOP		
Size	.028 Diam	.030 Diam	.032 Diam	Size	.028 Diam	.032 Diam
1 1/4"	LBL028SM114	LBL030SM114	LBL032SM114	1 1/4"	-	-
1 5/16"	LBL028SM1516	LBL030SM1516	LBL032SM1516	1 5/16"	-	--
1 3/8"	LBL028SM138	LBL030SM138	LBL032SM138	1 3/8"	-	-
1 7/16"	LBL028SM1716	LBL030SM1716	LBL032SM1716	1 7/16"	-	-
1 1/2"	LBL028SM112	LBL030SM112	LBL032SM112	1 1/2"	-	-
1 9/16"	LBL028SM1916	LBL030SM1916	LBL032SM1916	1 9/16"	-	-
1 5/8"	LBL028SM158	LBL030SM158	LBL032SM158	1 5/8"	-	-
1 11/16"	LBL028SM11116	LBL030SM11116	LBL032SM11116	1 11/16"	LBL028RG1116	LBL032RG11116
1 3/4"	LBL028SM134	LBL030SM134	LBL032SM134	1 3/4"	LBL028RG134	LBL032RG134
1 13/16"	LBL028SM11316	LBL030SM11316	LBL032SM11316	1 13/16"	LBL028RG11316	LBL032RG11316
1 7/8"	LBL028SM178	LBL030SM178	LBL032SM178	1 7/8"	LBL028RG178	LBL032RG178
1 15/16"	LBL028SM11516	LBL030SM11516	LBL032SM11516	1 15/16"	LBL028RG11516	LBL032RG11516
2"	LBL028SM2	LBL030SM2	LBL032SM2	2"	LBL028RG2	LBL032RG2
2 1/16"	LBL028SM2116	LBL030SM2116	LBL032SM2116	2 1/16"	LBL028RG2116	LBL032RG2116
2 1/8"	LBL028SM218	LBL030SM218	LBL032SM218	2 1/8"	LBL028RG218	LBL032RG218
2 3/16"	LBL028SM2316	LBL030SM2316	LBL032SM2316	2 3/16"	LBL028RG2316	LBL032RG2316
2 1/4"	LBL028SM214	LBL030SM214	LBL032SM214	2 1/4"	LBL028RG214	LBL032RG214
2 5/16"	LBL028SM2516	LBL030SM2516	LBL032SM2516	2 5/16"	LBL028RG2516	LBL032RG2516
2 3/8"	LBL028SM238	LBL030SM238	LBL032SM238	2 3/8"	LBL028RG238	LBL032RG238

Anterior "Flattened" labials available on next page.

We reserve the right to change prices if we deem it necessary, especially when it relates to stainless steel raw material costs.

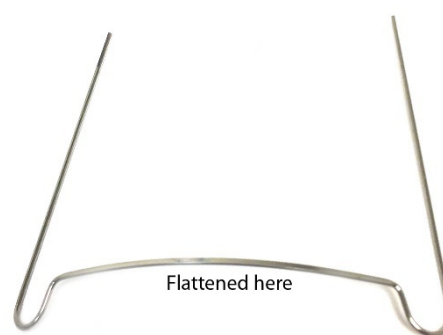
Labial Bow Archwire with “Flattened” Anterior Section

Introducing our new Labial Bow Archwires with **FLATTENED** Anterior Section. These Hawley bows are manufactured using .028, .030 and .032 high quality, bright finish medium-hard (3/4 hard) medical grade, stainless steel wire.

Please Note: Labial arches are measured loop to loop from the outside edges. Flatbows are measured from loop to loop on the inside edges. We have converted our Flatbow sizes to our FLATTENED labials and the chart below should help you to figure out which FLATTENED labial you are requiring. Available in regular and small loop. Sold in packages of 12 labials.

.032 Diameter Wire

OUR FLATBOW SIZES	SMALL LOOP		REGULAR LOOP	
	Size	.032 Diam	Size	.032 Diam
	1 1/4"	LBL032SM114FLAT	1 1/4"	-
	1 5/16"	LBL032SM1516FLAT	1 5/16"	--
	1 3/8"	LBL032SM138FLAT	1 3/8"	-
	1 7/16"	LBL032SM1716FLAT	1 7/16"	-
	1 1/2"	LBL032SM112FLAT	1 1/2"	-
	1 9/16"	LBL032SM1916FLAT	1 9/16"	-
FLATBOW #0 1"	1 5/8"	LBL032SM158FLAT	1 5/8"	-
	1 11/16"	LBL032SM11116FLAT	1 11/16"	LBL032RG11116FLAT
FLATBOW #1 1 1/8"	1 3/4"	LBL032SM134FLAT	1 3/4"	LBL032RG134FLAT
	1 13/16"	LBL032SM11316FLAT	1 13/16"	LBL032RG11316FLAT
FLATBOW #2 1 1/4"	1 7/8"	LBL032SM178FLAT	1 7/8"	LBL032RG178FLAT
	1 15/16"	LBL032SM11516FLAT	1 15/16"	LBL032RG11516FLAT
FLATBOW #3 1 3/8"	2"	LBL032SM2FLAT	2"	LBL032RG2FLAT
	2 1/16"	LBL032SM2116FLAT	2 1/16"	LBL032RG2116FLAT
FLATBOW #4 1 1/2"	2 1/8"	LBL032SM218FLAT	2 1/8"	LBL032RG218FLAT
	2 3/16"	LBL032SM2316FLAT	2 3/16"	LBL032RG2316FLAT
FLATBOW #5 1 5/8"	2 1/4"	LBL032SM214FLAT	2 1/4"	LBL032RG214FLAT
	2 5/16"	LBL032SM2516FLAT	2 5/16"	LBL032RG2516FLAT
FLATBOW #6 1 3/4"	2 3/8"	LBL032SM238FLAT	2 3/8"	LBL032RG238FLAT



(.028 and .030 Diameter on next page)

Labial Bow Archwires with “Flattened” Anterior Section (continued)



.028 and .030 Diameter Wire

OUR FLATBOW SIZES	SMALL LOOP			REGULAR LOOP		
	Size	.028 Diam	.030 Diam	Size	.028 Diam	.030 Diam
	1 1/4"	LBL028SM114FLAT	LBL030SM114FLAT	1 1/4"	-	-
	1 5/16"	LBL028SM1516FLAT	LBL030SM1516FLAT	1 5/16"	--	--
	1 3/8"	LBL028SM138FLAT	LBL030SM138FLAT	1 3/8"	-	-
	1 7/16"	LBL028SM1716FLAT	LBL030SM1716FLAT	1 7/16"	-	-
	1 1/2"	LBL028SM112FLAT	LBL030SM112FLAT	1 1/2"	-	-
	1 9/16"	LBL028SM1916FLAT	LBL030SM1916FLAT	1 9/16"	-	-
FLATBOW #0 1"	1 5/8"	LBL028SM158FLAT	LBL030SM158FLAT	1 5/8"	-	-
	1 11/16"	LBL028SM11116FLAT	LBL030SM11116FLAT	1 11/16"	LBL028RG11116FLAT	LBL030RG11116FLAT
FLATBOW #1 1 1/8"	1 3/4"	LBL028SM134FLAT	LBL030SM134FLAT	1 3/4"	LBL028RG134FLAT	LBL030RG134FLAT
	1 13/16"	LBL028SM11316FLAT	LBL030SM11316FLAT	1 13/16"	LBL028RG11316FLAT	LBL030RG11316FLAT
FLATBOW #2 1 1/4"	1 7/8"	LBL028SM178FLAT	LBL030SM178FLAT	1 7/8"	LBL028RG178FLAT	LBL030RG178FLAT
	1 15/16"	LBL028SM111516FLAT	LBL030SM111516FLAT	1 15/16"	LBL028RG111516FLAT	LBL030RG111516FLAT
FLATBOW #3 1 3/8"	2"	LBL028SM2FLAT	LBL030SM2FLAT	2"	LBL028RG2FLAT	LBL030RG2FLAT
	2 1/16"	LBL028SM2116FLAT	LBL030SM2116FLAT	2 1/16"	LBL028RG2116FLAT	LBL030RG2116FLAT
FLATBOW #4 1 1/2"	2 1/8"	LBL028SM218FLAT	LBL030SM218FLAT	2 1/8"	LBL028RG218FLAT	LBL030RG218FLAT
	2 3/16"	LBL028SM2316FLAT	LBL030SM2316FLAT	2 3/16"	LBL028RG2316FLAT	LBL030RG2316FLAT
FLATBOW #5 1 5/8"	2 1/4"	LBL028SM214FLAT	LBL030SM214FLAT	2 1/4"	LBL028RG214FLAT	LBL030RG214FLAT
	2 5/16"	LBL028SM2516FLAT	LBL030SM2516FLAT	2 5/16"	LBL028RG2516FLAT	LBL030RG2516FLAT
FLATBOW #6 1 3/4"	2 3/8"	LBL028SM238FLAT	LBL030SM238FLAT	2 3/8"	LBL028RG238FLAT	LBL030RG238FLAT

We reserve the right to change prices if we deem it necessary, especially when it relates to stainless steel raw material costs.

Labial Wire Forming Mandrel

The Labial / Wire Forming Mandrel is for lab technicians who prefer to form their own labials, wraparounds and other orthodontic wires. The wire forming turrets have 4 grooved settings and are made of high shine aluminum; can be used for shaping other orthodontic wires.

Dimensions (Small): 2 3/4" L

Dimensions (Large): 4 3/4" L

Sold individually.

ITEM #	
Small Mandrel	LBLMANDRLSM
Small Mandrel with handle	LBLMANDRLSM_HNDL
Large Mandrel with handle	LBLMANDRLG



Small
with handle

Large
with handle

Small

Lingual Bar

Our Orthodontic Lingual Bars are manufactured using preformed stainless-steel wire. Lingual bars are used for fabricating Gelb TMJ Splints, Bruxism appliances, lingual arches and partial dentures. The "mm" size is determined by measuring the entire length (tip to tip) of the lingual bar using a flexible ruler. Our machines typically make this measurement when the metal is straight and before it is coined into the final shape. Sold in packages of 10 each.



*These are measured tip to tip
before coined into shape*

ITEM #	
X-Small, Size 0 (47 mm)	LINGBARXSM
Small, Size 1 (52 mm)	LINGBARSM
Medium, Size 2 (57 mm)	LINGBARMED
Large, Size 3 (63 mm)	LINGBARLARG
X-Large, Size 4 (68 mm)	LINGBARXLG

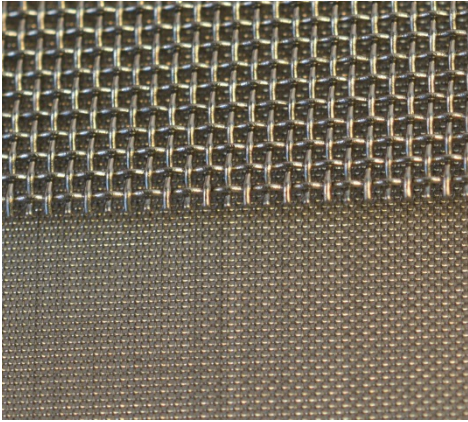
Stainless Steel Appliance Strengtheners

Stainless Steel Appliance Strengtheners prevent retainer appliance breakage with its 3 1/2" long reinforced twisted wire cable. The strengtheners are made with .045 diameter twisted wire cable. Use strengtheners to add strength to dental appliances. Sold in packs of 50 pieces.

PACKAGE SIZE	ITEM #
50-piece pack	STREN50



Stainless Steel Wire Mesh (6" x 6" piece)



<-Coarse/Regular

TYPE	ITEM #
Coarse (Regular) 6" x 6"	MESHCOARSE
Fine 6" x 6"	MESHFINE

The Stainless-Steel Wire Mesh is manufactured using stainless steel screening. Wire mesh reinforces your orthodontic appliance or can be cut into smaller sizes for repair work. Wire mesh can be cut with wire cutting scissors. Available in Coarse or Fine and sold individually in 6" x 6" pieces.

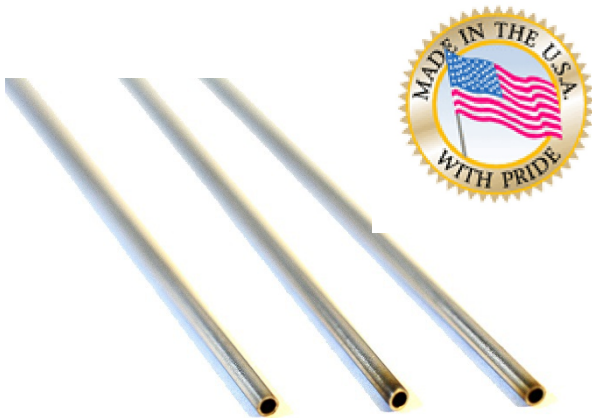
<- Fine

Picture not actual size, enlarged to show the fine detail in the mesh

We reserve the right to change prices if we deem it necessary, especially when it relates to stainless steel raw material costs.

Stainless Steel Buccal Tube

Stainless steel Buccal Tubing is manufactured using Type 304 stainless steel. Available in 12-inch lengths. Sold individually



SIZE Will fit up to and including the wire size designated by the ID (inside diameter)	ITEM #
.025 ID	BUCC25
.030 ID	BUCC30
.036 ID	BUCC36
.040 ID	BUCC40
.045 ID	BUCC45
.051 ID	BUCC51

Wire Tubes (Empty) Dozen

When you purchase wire in 500-piece bulk you save quite a bit by avoiding the tubing charges. However, we do have tubes available if you would like to tube it yourself to hand out to technicians. Sold in bundles of 12 tubes and caps.

ITEM #	
12 Tubes/Caps ½" Diam x 15" Long	TUBES12



Spring Medium Temper (3/4 Hard) 304V Stainless Steel Wire

Orthodontic Three Quarter (Medium-Hard) Spring Temper Wires are available in 14" lab wire lengths. The 3/4 hard lab lengths can be used for retainer clasps, forming springs, adams clasps, labial bows and labial arches.

Manufactured with 304V (Vacuum Arc Re-melted) which yields a more uniform chemistry with minimal voids and contaminants. The ease of joining with solder or welding, combined with excellent strength, makes it desirable. This is a bright polish, diamond draw, medical grade stainless steel. This is the same wire we use in-house to manufacture pre-formed lab wires.



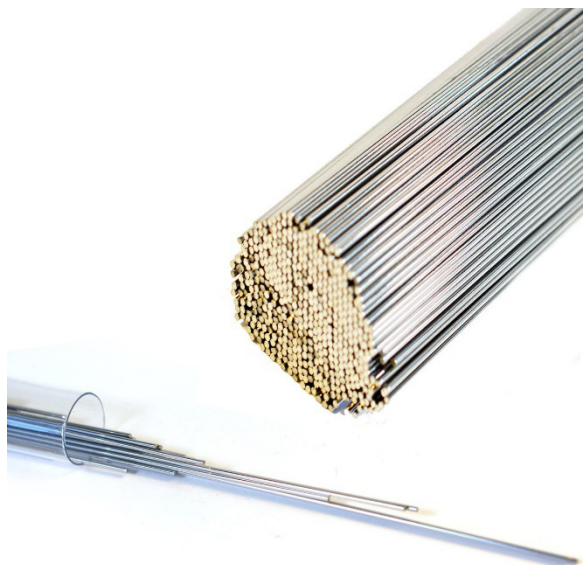
DIAMETER	50 PIECE TUBE	500 PIECE BULK (NO TUBES)
.025	LAB3402550	LAB34025B
.028	LAB3402850	LAB34028B
.030	LAB3403050	LAB34030B
.032	LAB3403250	LAB34032B
.036	LAB3403650	LAB34036B
.040	LAB3404050	LAB34040B

Spring Temper (Full Hard) 304V Stainless Steel Wire

Orthodontic Spring Temper Stainless Steel Lab Lengths are 14" in length and can be used for forming retainer clasps, adams clasp, labial bows and labial arches.

Our Spring Hard wires are manufactured with 304V (Vacuum Arc Re-melted) which yields a more uniform chemistry with minimal voids and contaminants. The ease of joining with solder or welding, combined with excellent strength, makes it desirable. This is a bright polish, diamond draw, medical grade stainless steel.

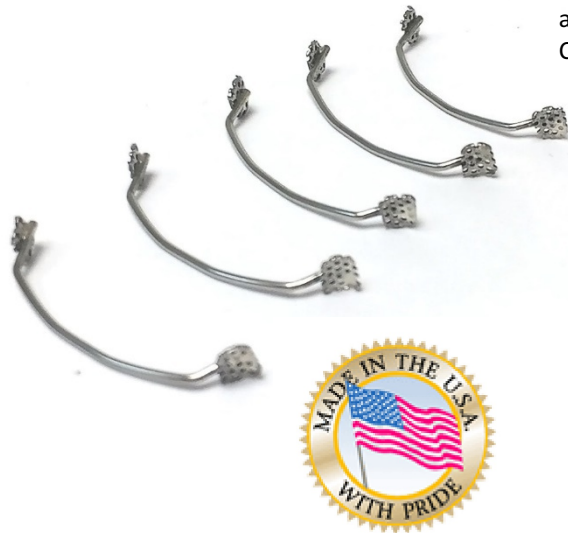
DIAMETER	50 PIECE TUBE	500 PIECE BULK (NO TUBES)
.018	LABFH01850	LABFH018B
.020	LABFH02050	LABFH020B
.022	LABFH02250	LABFH022B
.025	LABFH02550	LABFH025B
.028	LABFH02850	LABFH028B
.030	LABFH03050	LABFH030B
.032	LABFH03250	LABFH032B
.036	LABFH03650	LABFH036B
.040	LABFH04050	LABFH040B
.045	LABFH04550	LABFH045B



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Perforated Lingual Retainers (for Light Cure Adhesives)

Perforated Lingual Retainers are manufactured using .030 Three Quarter Hard (3/4 hard) 304V medical grade, stainless steel wire and perforated lingual bonding pads to be utilized with the Light Cure Adhesives. Sold 5 per pack.



SIZE	ITEM #
Size 0 - 24 mm	LINGRETPERF024
Size 1 - 25 mm	LINGRETPERF025
Size 2 - 26 mm	LINGRETPERF026
Size 3 - 27 mm	LINGRETPERF027
Size 4 - 28 mm	LINGRETPERF028
Size 5 - 29 mm	LINGRETPERF029
size 6 - 30 mm	LINGRETPERF030

Perforated Lingual Direct Bond Pads (for Light Cure Adhesives)

Our Lingual Retainer Perforated Pads are machined formed to the correct size to make lingual retainers. Simply solder into place onto your lingual wire. These pads are perforated to work with Light Cure Adhesives. Sold in 25 or 100 pads per pack.

Approximate dimensions are: 3 mm x 4 mm with a radius at one end.



ITEM #
LINGPADPERF25
LINGPADPERF100



We reserve the right to change prices if we deem it necessary, especially when it relates to stainless steel raw material costs.

Lingual Retainers (Regular Foil Mesh)

Lingual Retainers are manufactured using .030 Three Quarter Hard (3/4 hard) 304V medical grade stainless wire and regular lingual bonding pads. Sold 5 per pack.



SIZE	ITEM #
Size 0 - 24 mm	LINGRET24
Size 1 - 25 mm	LINGRET25
Size 2 - 26 mm	LINGRET26
Size 3 - 27 mm	LINGRET27
Size 4 - 28 mm	LINGRET28
Size 5 - 29 mm	LINGRET29
size 6 - 30 mm	LINGRET30

Lingual (Regular) Foil Mesh Direct Bond Pads

Our Lingual Foil Mesh Pads are machine formed to the correct size to make lingual retainers. Simply solder into place onto your lingual wire. These pads are the same Series 300 stainless steel material as our regular Bonding Pads and are similar in size, with the exception of the rounded corners. Sold 25 or 100 pads per pack.

Approximate dimensions are: 3 mm x 4 mm with a radius at one end.



ITEM #
LINGPAD25
LINGPAD100

We reserve the right to change prices if we deem it necessary, especially when it relates to stainless steel raw material costs.

Bonding Pads (Foil Mesh)

Orthodontic Bonding Pads are made with orthodontic stainless-steel foil mesh laminate. Available in six types listed below.



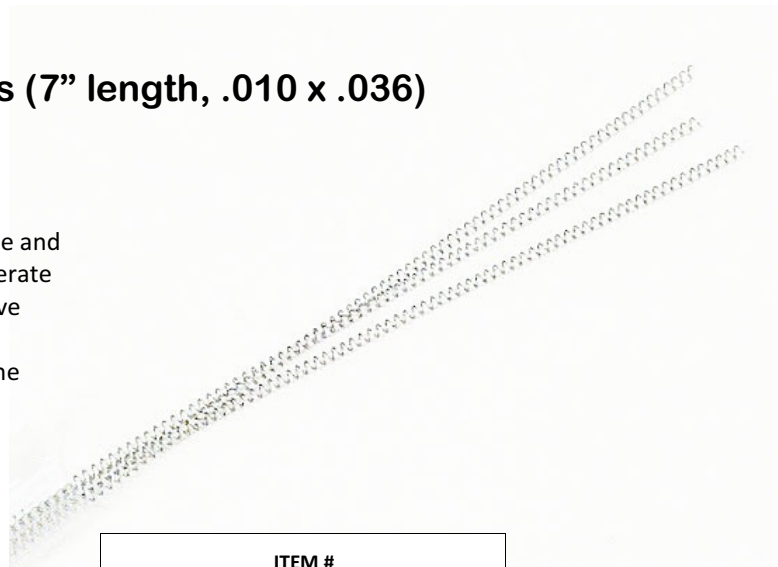
TYPE	25 PIECE PACK	100 PIECE PACK
Bicuspid Narrow (4.5 mm x 3.0 mm x .155 radius)	BICNAR25	BICNAR100
Central Narrow (3.0 mm x 3.5 mm x .250 radius)	CENTNAR25	CENTNAR100
Central Wide (5.5 mm x 3.5 mm x .500 radius)	CENTWIDE25	CENTWIDE100
Cuspid Wide (4.5 mm x 3.5 mm x .155 radius)	CUSPWID25	CUSPWID100
Lateral (4.5 mm x 3.5 mm x .375 radius)	LATERAL25	LATERAL100
Lower Anterior (3.0 mm x 3.5 mm x .250 radius)	LOWANT25	LOWANT100



NiTi Open Coil Compression Springs (7" length, .010 x .036)

The Nickel Titanium Variable Force Open Coil Compression Springs (.010 x .036) are unlike super elastic springs, which exhibit a relatively constant force depending on the wire size and lumen. The variable force springs allow the clinician to generate the force he or she needs with one spring. These springs have been designed to gently increase force as the spring is compressed, so the doctor may utilize one spring to exert the optimum force needed.

Sold 3 springs per tube



ITEM #	
.010 x .036 7" Spring	SPRGOC1036

Coffin Springs (Transpalatal Bar)

Coffin Springs (Transpalatal Arches) are manufactured with Spring (Full Hard) Temper 304V medical grade stainless steel wire. Also known as "transpalatal bar or spring." Sold 10 per pack.

Also known as "transpalatal spring or bar."



SIZE	ITEM #
.036 Diam 7 mm Omega Loop	COFFIN36_7
.045 Diam 10 mm Omega Loop	COFFIN45_10

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