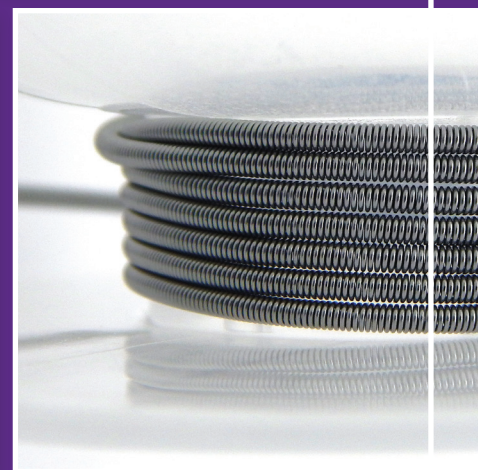
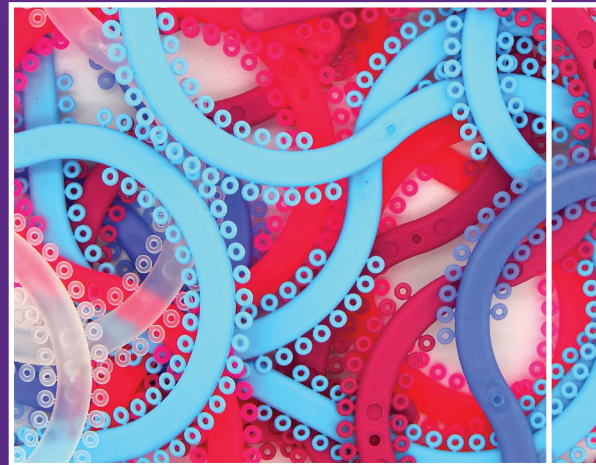


CATALOG



Simply Great Wire. Great prices.



SuperElastic NiTi Arches

SuperElastic NiTi Arches are our best-selling product. They feature light, continuous, force levels for more efficient tooth movement with maximum patient comfort. The light, comfortable forces generated by our austenitic, bendable NiTi arches remain constant during tooth movement, reducing chair time with fewer wire changes.

100/pack
Round & Rectangular

Round

.010 .012 .014 .016 .018 .020

Rectangular

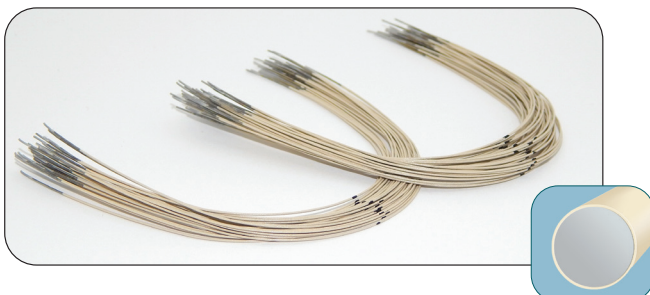
.014 x .025
.016 x .016 .016 x .022 .016 x .025
.017 x .017 .017 x .025
.018 x .018 .018 x .025
.019 x .025
.020 x .020
.021 x .025

Tooth-Colored SuperElastic NiTi Arches

25/pack
Round & Rectangular

Round	Rectangular
.016 .018	.016 x .022 .019 x .025

Available only in Natural and Progressive arch forms.



Heat-Activated NiTi Arches

Heat-Activated NiTi Arches feature lower force levels than our SuperElastic NiTi, ensuring maximum patient comfort while delivering efficient tooth movement. Soft and pliable at room temperature, our copper-free, easy to engage Heat Activated NiTi reacts to heat in the patient's mouth, exerting a gentle, continuous force as it returns to its original shape for superior treatment results. Gentle force delivery allows larger wires to be engaged earlier in treatment for early torque control with minimum patient discomfort. For example: .016 x .022 Heat Activated NiTi arch has approximately the same force as .016 SuperElastic NiTi arch. Austenitic start temperature -86°F/30°C ± 5°.

100/pack
Round & Rectangular

Round

.014 .016 .018 .020

Rectangular

.014 x .025
.016 x .016 .016 x .022 .016 x .025
.017 x .025
.018 x .018 .018 x .025
.019 x .025
.020 x .020
.021 x .025



SuperElastic NiTi Lingual Arches

Lingual Arches are ideal for patients who want to improve their smile without the obvious appearance of braces. Our lingual arch combines the aesthetics and comfort of removable aligners with the maximum control of a fixed appliance for more efficient tooth movement. Unlike traditional wires, lingual arches are custom-fit to the patient for maximum comfort.

5/pack
Round & Rectangular

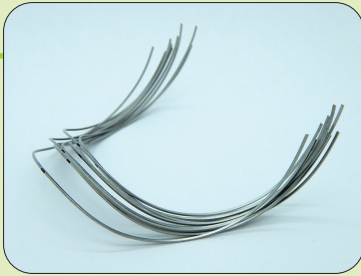
Round .012 .014 .016 .018	Rectangular .016 x .022
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NiTi Reverse Curves

Niti Reverse Curves combine the light, continuous force levels of SuperElastic NiTi with the benefits of a reverse curve. Counter unwanted tooth movement while maintaining arch consolidation and expansion. Available in Natural and Progressive forms only.


10/pack
Round & Rectangular

Upper and Lower only

Round .014 .016 .018 .020	
Rectangular .016 x .016 .016 x .022 .017 x .025 .018 x .018 .018 x .025 .019 x .025 .021 x .025	

Heat-Activated Reverse Curves

10/pack
Round & Rectangular

Round .016 .018	Available in: Progressive and Natural forms only Upper and Lower only	
Rectangular .016 x .016 .016 x .022 .017 x .025 .018 x .025 .019 x .025 .021 x .025		

NiTi on a Spool



Regular Force NiTi on a spool features superior shape memory and can be formed into custom arches. It comes off the spool arrow-straight and many practitioners like to use it as initial arch wire; using a smaller diameter wire for this application to avoid molar expansion. Once 8% strain has been exceeded it can be formed into an arch.



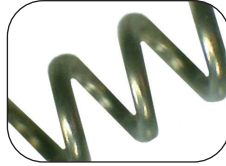
Quantity
1) 15' spool

Size
.012, .014, .016, .018, .020

NiTi Open Coil Springs

NiTi Open Coil Springs

Open and maintain space with constant, gentle force. Coils are compressed when loaded, exerting continuous unloading forces as they return to their original length to create and maintain space.



To use:

1. Cut coil spring to desired length
2. Thread coils around an arch wire between 2 brackets

Quantity

3x7" lengths/pack or 21" spool

Size

.010 x .030 .012 x .030 .012 x .036

NiTi Stop Wound Springs

NiTi Stop Wound Springs

Easily distalize molars without the use of headgear, for maximum patient comfort. Coils are compressed when loaded, exerting continuous unloading forces against the molars to tip and move them in the right direction.



To use:

1. Cut in between closed coils to desired length
2. Attach a ligature wire piece and hook onto bracket

Quantity

3x7" length

Per pack

\$44.91

**Best Discount
25% Savings**

**Per pack
\$33.68**

Size

.010 x .036 .010 x .045

NiTi Closed Coil Eyelet Springs

NiTi Closed Coil Eyelet Springs

Easily and effectively close space. Custom-designed stainless steel eyelets are securely attached to each end for easy attachment. Coils are extended when loaded, exerting retraction forces to effectively close or maintain space. **Now available in High Force.**



To use:

1. Attach the springs using the eyelets or by looping a small ligature wire through the eyelet
2. Hook onto bracket

Quantity

Pkg. of 10, Super Elastic

Size

9mm and 12mm lengths

NiTi Closed Coil Springs

NiTi Closed Coil Springs

Comfortably and effectively close space with ease.



To use:

1. Cut coil spring to desired length
2. Attach a ligature wire piece to each end
3. Hook onto bracket

Quantity

1) 21" spool

Size

.007 x .030 .008 x .030 .009 x .030

Stainless Steel Arches

Our popular **Stainless Steel Arches**, made from the highest quality 304V Vacuum Arc Remelted (VAR) stainless steel, combine superior strength and stiffness with advanced flexibility, allowing them to accept bends without breaking.

100/pack
Round & Rectangular

Round
.012 .014 .016 .018 .020

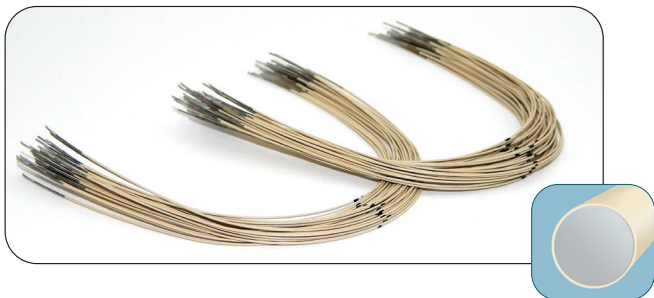
Rectangular
.016 x .016 .016 x .022 .016 x .025
.017 x .017 .017 x .025
.018 x .018 .018 x .025
.019 x .025
.020 x .020
.021 x .025

Tooth-Colored Stainless Steel Arches

50/pack
Round & Rectangular

Round .016 .018	Rectangular .016 x .022 .019 x .025
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Available only in Natural and Progressive arch forms.



High Tensile Stainless Steel Arches

High Tensile Stainless Steel Arches have advanced strength and stiffness providing 8-10% more force than our regular stainless steel arches, making them ideal for space closure, arch expansion and finishing applications.

100/pack
Round & Rectangular

Round
.012 .013 .014 .016 .018 .020

Rectangular .016 x .016 .016 x .022 .017 x .025 .018 x .018 .018 x .025 .019 x .025 .021 x .025	Available in: Progressive and Natural Upper and Lower only for: .012 Progressive .013 Natural and Progressive .018 x .018 Progressive
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8-Strand Braided Stainless Steel Arches

8-Strand Braided Stainless Steel Arches are easy to engage for early leveling and alignment. They offer great slot fill for early torque control, which is ideal for settling and finishing applications. You can easily transition from round to rectangular wire for faster, more efficient treatment results.

10/pack
8-Strand

8-Strand sizes
.016 x .016 .016 x .022 .017 x .025 .018 x .025
.019 x .025 .021 x .025

Available in Natural only Upper and lower only

Stainless Steel Lingual Arches

Stainless Steel Lingual Arches are offered in Universal Arch Form, with no pre-made molar offsets, giving you the freedom to create your own offsets. Our Lingual Arches are ideal for patients who want to improve their smiles without the obvious appearance of braces.

10/pack
Round & Rectangular

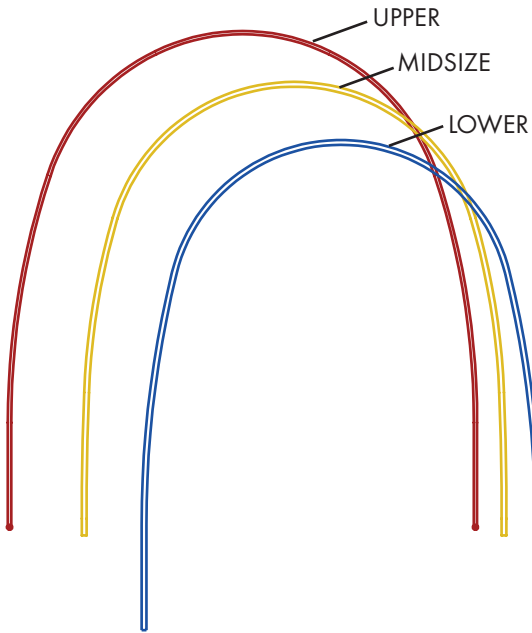
Round
.014 .016 .018

Rectangular
.016 x .016 .016 x .022 .017 x .025 .018 x .025

Archforms pictured are actual size

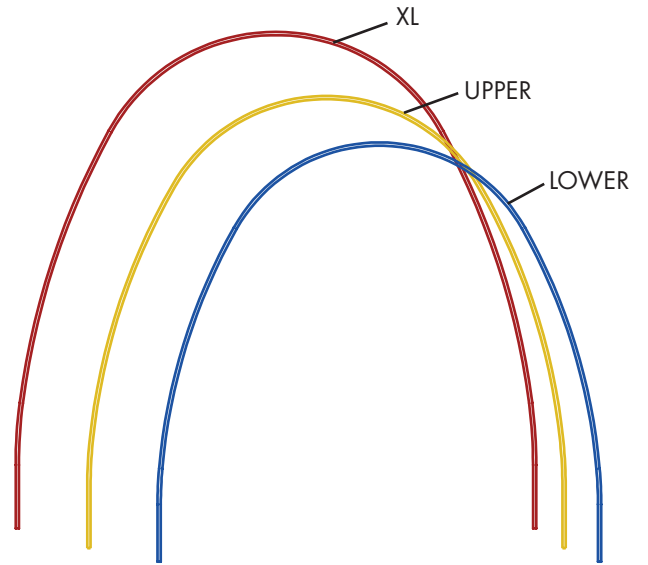
NATURAL NITI

MBT¹ SQUARE AND ROTH² COMPATIBLE



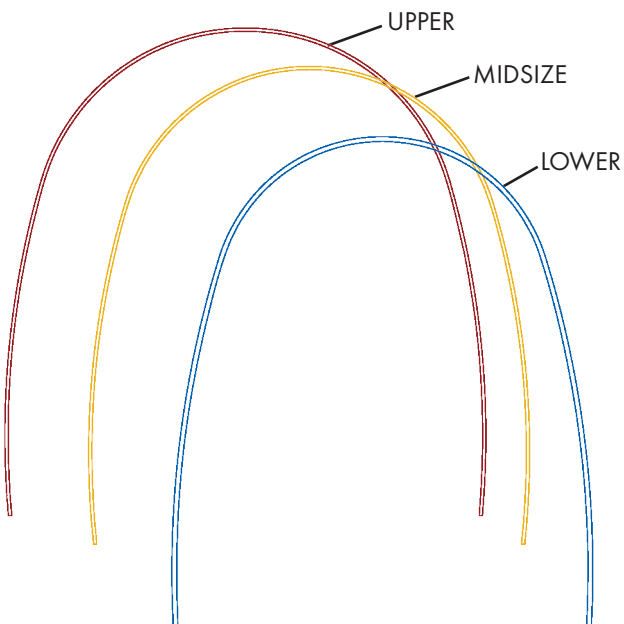
PROGRESSIVE NITI

PROGRESSIVE XL IS DAMON[®] COMPATIBLE³



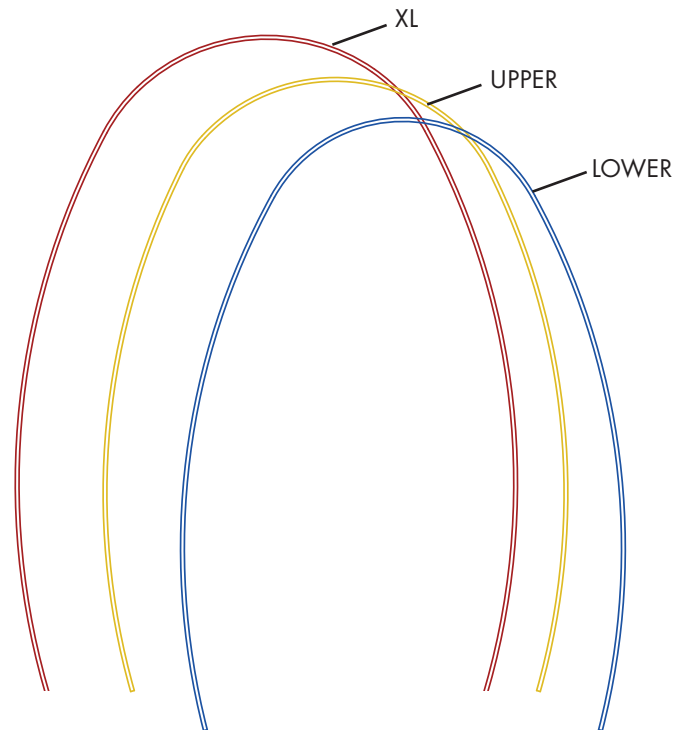
NATURAL STAINLESS STEEL

MBT¹ SQUARE AND ROTH² COMPATIBLE



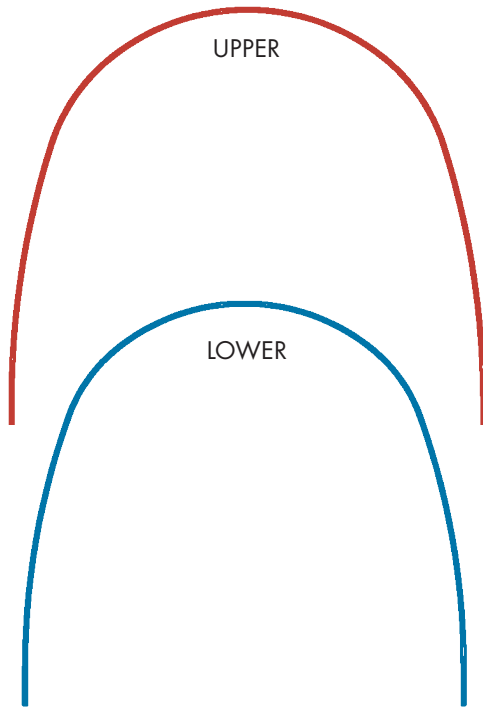
PROGRESSIVE STAINLESS STEEL

PROGRESSIVE XL IS DAMON[®] COMPATIBLE³



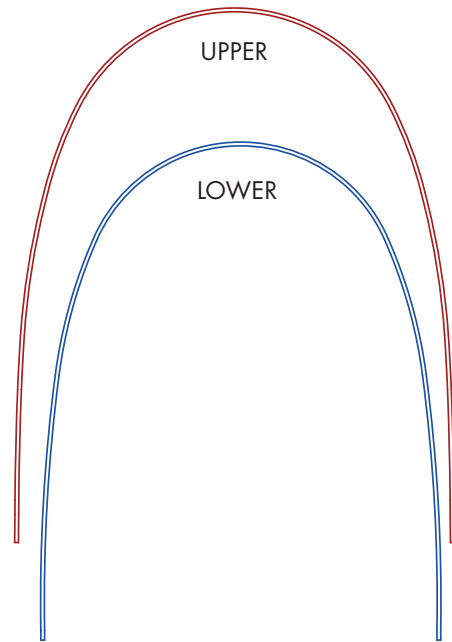
Archforms pictured are actual size

BROAD NITI

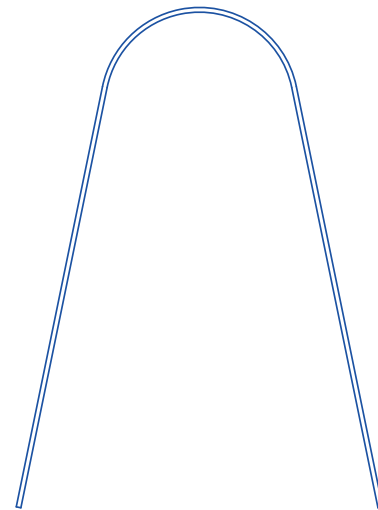


YOUTH

MBT*** OVOID COMPATIBLE.



LINGUAL UNIVERSAL



Stainless Steel & Beta Titanium

Permanent Electro-Etched Midlines

Upper	3 marks
Lower	1 mark
Progressive XL	2 marks
Natural Mid-size	2 marks

NiTi

Ink Midlines

Upper	Black
Lower	Red
Progressive XL	Blue
Natural Midsize	Yellow

¹ MBT is a trademark of 3M Unitek Corporation.

² Highland Metals prescriptions are not implied to be an exact version of any other system. Nor do we claim any endorsement by the doctor.

³ Highland Metals is in no way affiliated with or endorsed by Ormco Corporation or Dr. Dwight Damon. (Damon and Damon SL are trade names for SDS, Ormco, and Sybron Dental Specialties)

Visit www.highlandmetals.com for more available arch forms.

Beta Titanium Molybdenum Arches

Beta Titanium Molybdenum Arches

are carefully processed and made from high quality Nickel-Free Beta Titanium 3. The force levels fall between Nickel Titanium and Stainless Steel. Beta Titanium Molybdenum wire is the preferred choice when the forces of Stainless Steel are too high and the force levels of Nickel Titanium are too low. With half the force, but twice the working range of Stainless Steel, you can introduce larger wires earlier for superior torque control with minimum patient discomfort.

Nickel-Free Beta Titanium 3

Easy to bend, but hard to break!

25/pack Round & Rectangular	
Round .016 .018	
Rectangular .016 x .016 .016 x .022 .017 x .025 .018 x .025 .019 x .025 .021 x .025	Available in Progressive, Natural and Youth arch forms



Beta Titanium Molybdenum Straight Lengths

The superior formability, high springback and light continuous force levels of our **Beta Titanium Molybdenum Straight Lengths**, allows you to easily form retainers, sectionals, auxiliaries and custom appliances where intricate loops and bends are needed.

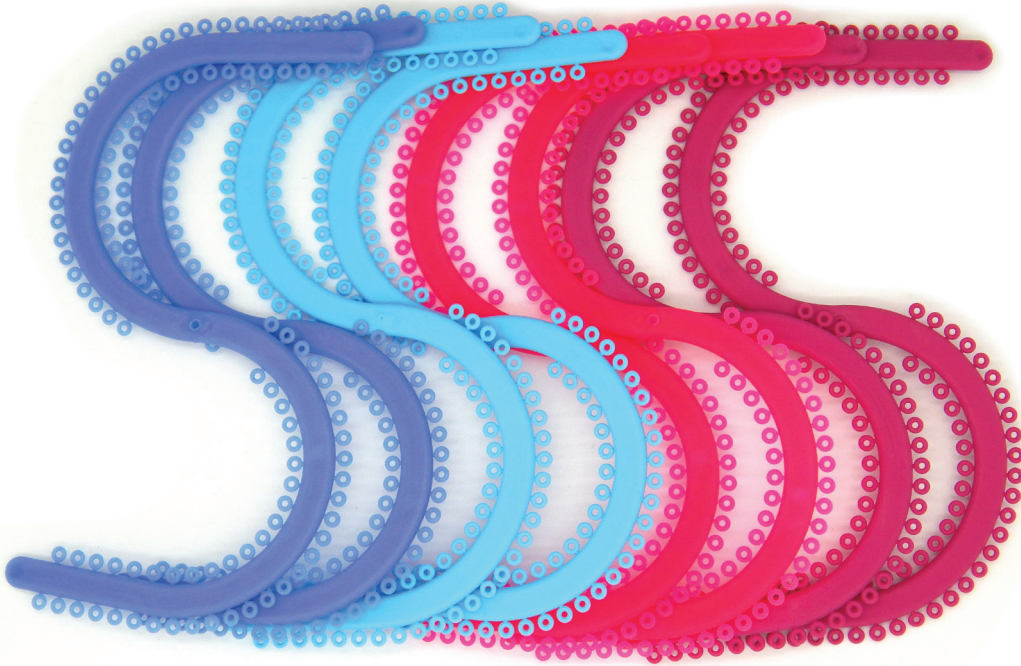
- Use rectangular lengths for early torque control
- High formability and breakage resistance
- Available in 14" straight lengths

25/tube Round & Rectangular	
Round .016 .018	
Rectangular .016 x .016 .016 x .022 .017 x .025 .018 x .025 .019 x .025 .021 x .025	

Beta Titanium Molybdenum Lingual Arches

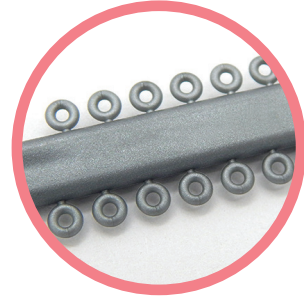
Beta Titanium Molybdenum Lingual Arches are carefully made from high quality Nickel-Free Beta Titanium 3. It combines aesthetics and comfort of removable aligners with the maximum control of a fixed appliance for faster, more efficient tooth movements.

5/pack Round & Rectangular	
Round .016	
Rectangular .016 x .022 .017 x .025	



Quantity
Pkg. of 10 S-Ties

 MADE IN THE U.S.A.





S-Tie Elastomeric Ligature Ties

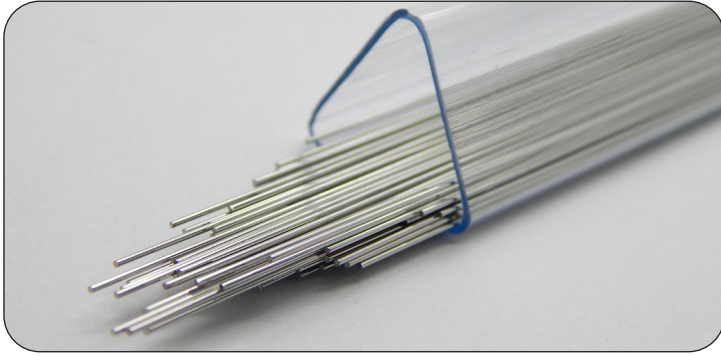
Highland Metals offers more than metal.

Highland Metals is known for providing our customers with quality wire in bulk packaging and bulk discounts. And now, we are bringing that same focus to our line of ligature ties.

Our S-Tie ligature ties are –

- Made in the U.S.A. from quality sourced raw materials, just like our wires
- Available in 25 colors
- Optimum size ties - .120 diameter
- Bulk Design – S-shaped design to hold 100 ties per unit
- 10 units per package, 1,000 ties total
- Latex-free

	Clear		Pink		Neon Green		Pearl Blue
	White		Fuchsia		Pearl Green		Royal Blue
	Pearl		Lavender		Turquoise		Deep Sky Blue
	Glow		Ruby Red		Green		Navy Blue
	Fluorescent Orange		Metallic Red		Sky Blue		Metallic Silver
	Orange		Maroon		Glow Blue		Black
	Fluorescent Pink						



Stainless Steel Straight Lengths

Stainless Steel Straight Lengths combine superior strength and stiffness with excellent flexibility - perfect for your custom wire-forming needs. Made from high quality 304V Vacuum Arc Remelted (VAR) Stainless Steel, this alloy is very easy to work with and will accept loops and bends without breaking.

100/tube
Round & Rectangular

Round
.012 .014 .016 .018 .020

Rectangular
.016 x .016 .016 x .022 Available in 14" lengths
.017 x .017 .017 x .025
.018 x .018 .018 x .025
.019 x .025
.020 x .020
.021 x .025



Round Retainer Wire

Round Retainer Wire is made of Stainless Steel and has excellent formability, making it easy to shape your custom retainer appliances.

- Can be heat treated to increase elasticity
- Available in 14" lengths
- Smooth, bright finish

100/tube
Sizes
.028, .030, .032, .036



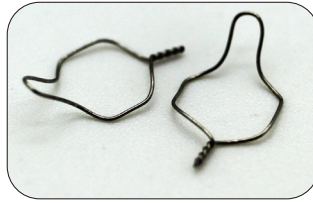
SS Ball Clasps

Ball Clasps are used for cases that require more retention. The knob like wire tip is to engage the undercut usually found between two adjacent back teeth.

100/pack
Sizes
.024, .028, .032, .036, .040

Pre-formed Ligature Wires

Pre-formed Ligature Wires are made from high quality, ductile Stainless Steel for superior formability. These wires are conveniently pre-formed for quick and easy placement over brackets. Short pre-formed, pre-twist ligature wires feature convenient pre-twisted ends, saving you valuable time.



Pre-formed, Pre-twist shown

Quantity

Short Pre-formed, pre-twist (1000) size .010
 Long, pre-formed (1000) size .009, .010, .012
 Long, pre-formed (500) size .014

Ligature Wires

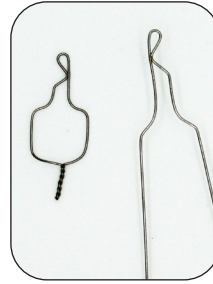
Ligature Wires are indispensable supplies for any dental laboratory. Our 1lb spools are easy to store, made from quality ductile Stainless Steel, and provide superior formability for quick and easy placement. (*Extra freight charges may apply*).

Quantity

1) 1lb spool

Sizes: .009, .010, .012, .014

Kobayashi Hooks



Kobayashi Hooks are spot-welded to form a secure hook. Made from highly ductile soft Stainless Steel. These pre-formed hooks quickly and easily attach to brackets, springs or elastics.

Short Pre-twist Kobayashi Hooks have been pre-trimmed and feature pre-twisted hooks for even faster tie-ins.

Quantity

Long & Short 100

Sizes: .012, .014



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HMI™ requires payment in advance of shipment for international orders. HMI™ accepts Visa, MasterCard and American Express. HMI™ accepts checks and bank drafts in US funds drawn on US banks. Banking fees related to payments are the responsibility of the customer.

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We are certified by the British Standards Institution to meet ISO 13485:2016 Quality Management System Standard.



European Community Certification registration mark appears on all Highland products for easy clearance through customs.



We are proud to manufacture our products in the U.S.A.



Highland Metals™
2165 Earlywood Dr.
Franklin, IN 46131 USA



**Quality orthodontic wires
with simple packaging
and bulk discounts.**