

Product Catalog  
**2023**



**NEW ADDITIONS**  
to the Highland Metals  
portfolio of great products



**HIGHLAND**  
metals™

Great products. Great prices.



Great products. Great prices.

# SIMPLY GREAT PRODUCTS

Highland Metals has built a reputation for over 30 years with doctors around the world by providing high-quality orthodontic wires, and many other reliable products manufactured in the USA.

We are happy to announce we are expanding the Highland Metals portfolio to include even more great products manufactured with the same focus on quality and reliability, while maintaining the great prices and service you have come to expect from us.

**WIRES • BRACKETS • TUBES • SPRINGS • ELASTOMERICS**

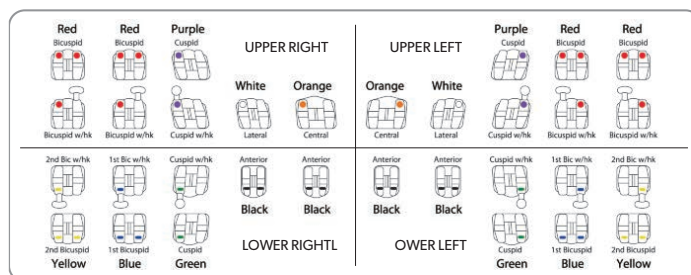
Order our full line of products at  
**HighlandMetals.com**

orders@highlandmetals.com  
(800) 368-6484 / +1 (408) 271-2955



## Highland Bracket System

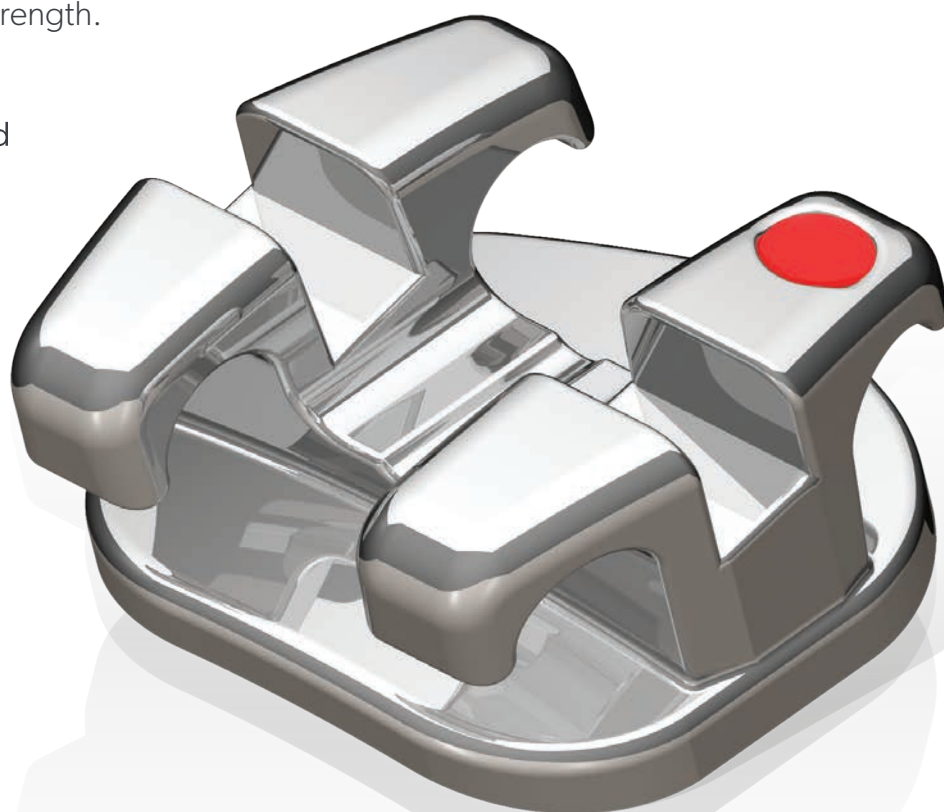
**Enhanced comfort and flexibility.** All the advantages of a mini bracket, with the control of a full size bracket. Using high quality materials, we reduced the size by 30% and increased the strength and durability. Our brackets have a high natural resistance to discoloration using a palladium alloy brazing process. This, along with our 80 gauge foil mesh bonding pad, also gives our brackets superior bracket-to-pad bond strength.



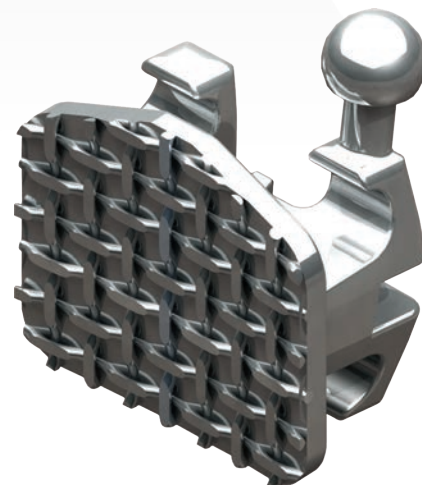
- Made in the USA
- 80 gauge indented mesh pad
- 17-4 grade stainless steel
- Palladium alloy braze
- Rounded tie wings
- Full rotational control
- Increased tie wing area
- Center scribe line
- Compound contour base
- Torque in base
- Color enhanced I.D.
- Cast manufacturing
- **Sold in kits of 200**  
*Upper and Lower 5-5  
10 brackets per tooth*
- **Individual brackets**  
*Sold by tooth - packs of 10*

**Kit of 200** only **\$178<sup>00</sup>** /kit  
Upper/Lower 5x5, Hook on 3,4,5

**Individual** only **\$8<sup>90</sup>** /pk of 10  
.018 .022



**80 GAUGE FOIL MESH BONDING PAD**  
matching the curvature of the tooth for maximum contact and a strong, consistent bond

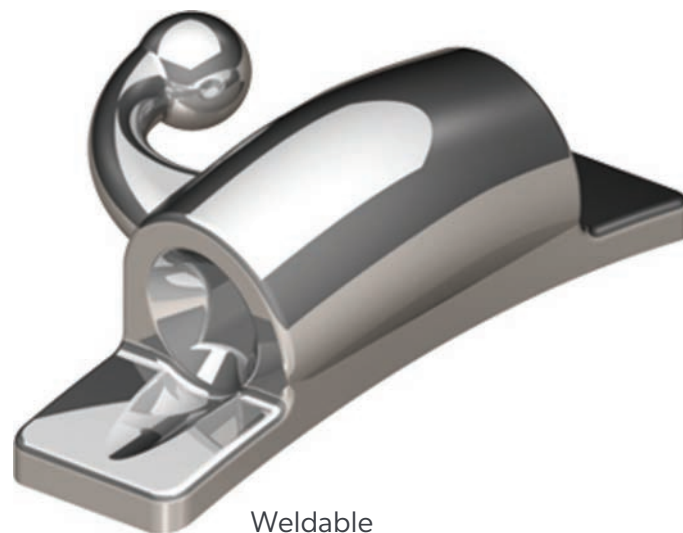


**NEW PRODUCT**

## Single Non-Convertible Buccal Tubes

**A reliable tube with great performance.** The miniaturized cast buccal tube from Highland Metals features rounded surfaces for exceptional patient comfort and time-proven performance. This advanced design and our manufacturing technologies increase clinical efficiency. Great for Class II corrections.

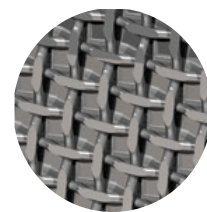
- Made in the USA
- 80 gauge indented mesh pad
- Malleable ball hooks
- 3.5mm mesial/distal length
- Roth<sup>1</sup> and MBT<sup>2</sup> prescriptions
- Torque in base
- Funneled entrance
- 316 SST cast manufacturing
- Palladium alloy braze
- **0.18 and 0.22 slot sizes available**
- **Bondable or weldable**
- **Sold by tooth in packs of 10**



Weldable

### 80 GAUGE INDENTED MESH PAD

for an anatomically formed fit and maximum bond strength



### MALLEABLE BALL HOOK

can be positioned away from soft tissue to avoid irritation and potential food traps

**Weldable** only **\$6<sup>05</sup>** /pk of 10  
.018 .022

**Bondable** only **\$8<sup>90</sup>** /pk of 10  
.018 .022

### FUNNELED ENTRANCE

for easier wire insertion

### 316 SST CAST MANUFACTURING

for precision and comfort

### TORQUE IN BASE

for easier alignment with optimal functional occlusion and case finishing



Bondable

### PALLADIUM ALLOY BRAZE

for maximum adhesion between tube and base

NEW PRODUCT

## Intraoral Elastics

**Manufactured using the finest surgical grade latex rubber.** Highland Metals uses the highest quality materials to ensure reliable force delivery



- Made in the USA
- Available in 1/8", 3/16", 1/4", 5/16"
- Medium and heavy
- Amber colored
- High quality surgical latex
- **100 Patient packs of 100 elastics each**

**Medium** only **\$57<sup>22</sup>** /100 pks  
1/8" 3/16" 1/4" 5/16"

**Heavy** only **\$61<sup>91</sup>** /100 pks  
1/8" 3/16" 1/4" 5/16"

1/8" 3/16" 1/4" 5/16"

NEW PRODUCT

## Elastomeric Chain

**Superior memory and durability.** Our elastomeric chain has excellent color stability and stain resistance. Our exacting standards ensure consistent force delivery with minimal decay rates. Don't pay more for your chain.

- Made in the USA
- Clear or gray
- Continuous gentle forces
- High elasticity with superior memory
- Excellent color stability
- Short, long, and continuous spacing options
- **Sold as 10 pack of 15 ft. spools**

.0255" thick



Clear  
Gray

Short  
Long  
Continuous

NEW PRODUCT

only **\$150<sup>16</sup>** /pk of 10



## 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 quantity discounts. And now, we are bringing that same focus to our line of ligature ties.



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

only **\$12<sup>89</sup>** /pk of 10

	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						



# The more you order, the more you **SAVE!**

Take advantage of our quantity discounts on your next order

## ORDER AMOUNT

## SAVE\*

\$0 - \$499.99

0%

\$500 - \$1,499.99

15%

\$1,500 - \$2,499.99

20%

**\$2,500 and up**

**25%**

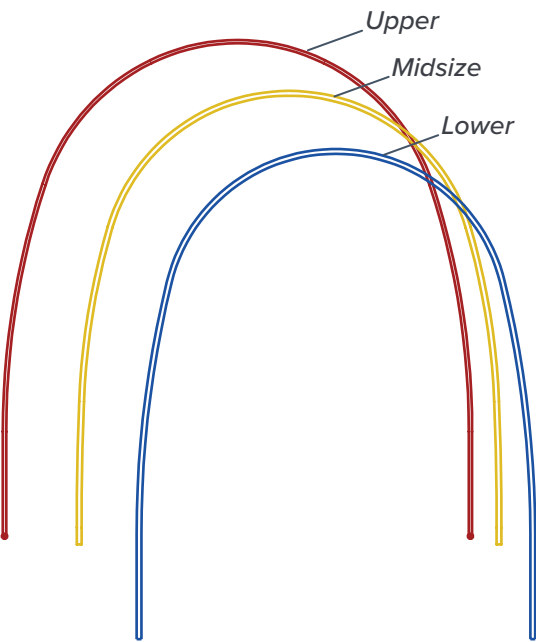
\*Discounts valid only on Highland Metal products. Cannot be combined with other offers. Discounts based on amount spent can be applied to every Highland Metals order made during the specified timeframe. Other terms and conditions may apply.



Archforms pictured are actual size

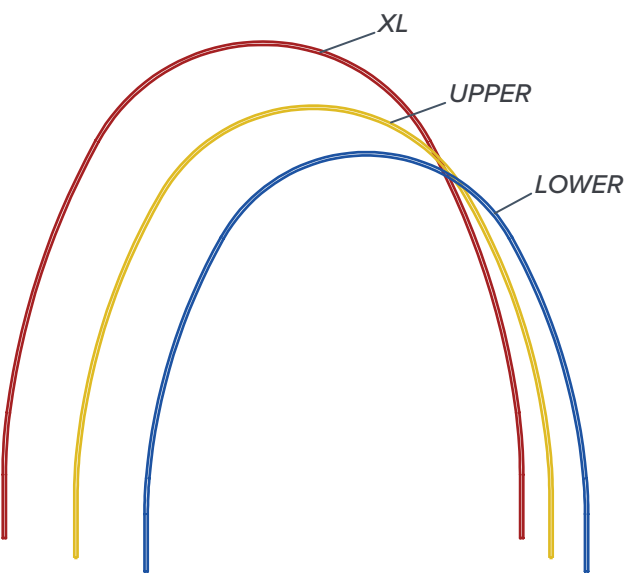
**NATURAL NITI**

MBT<sup>1</sup> SQUARE AND ROTH<sup>2</sup> COMPATIBLE



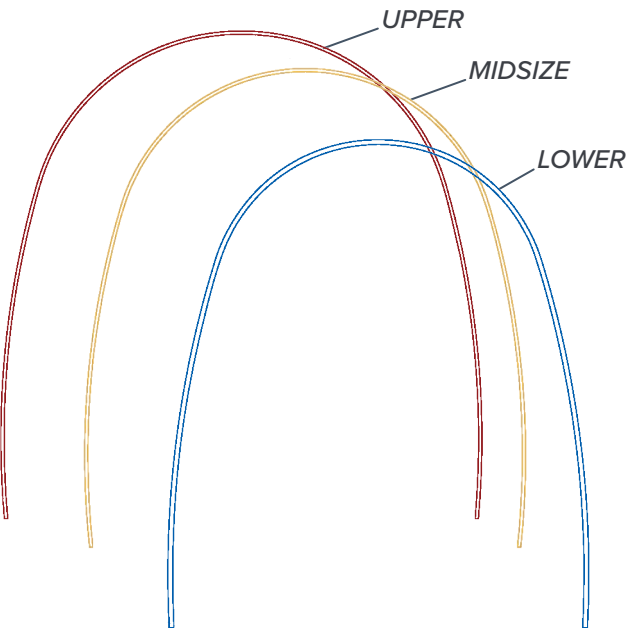
**PROGRESSIVE NITI**

PROGRESSIVE XL IS DAMON<sup>®</sup> COMPATIBLE<sup>3</sup>



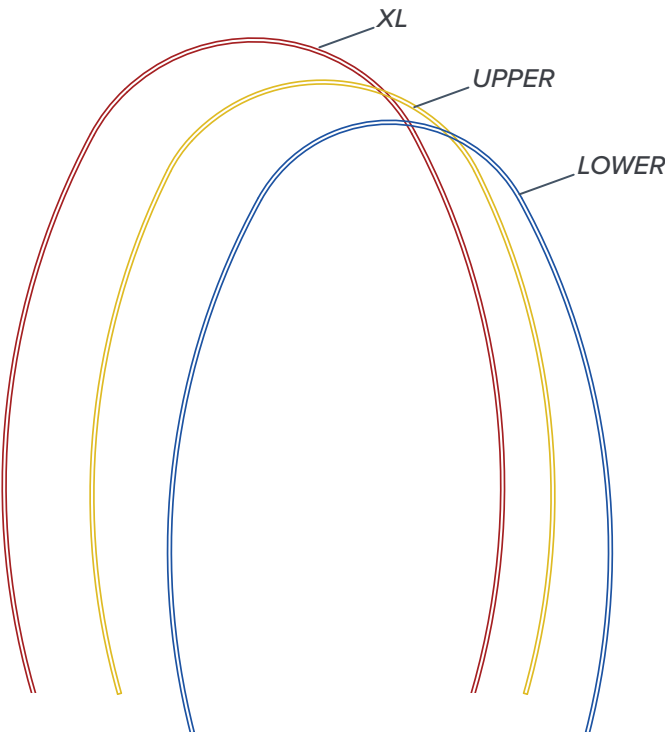
**NATURAL STAINLESS STEEL**

MBT<sup>1</sup> SQUARE AND ROTH<sup>2</sup> COMPATIBLE



**PROGRESSIVE STAINLESS STEEL**

PROGRESSIVE XL IS DAMON<sup>®</sup> COMPATIBLE<sup>3</sup>

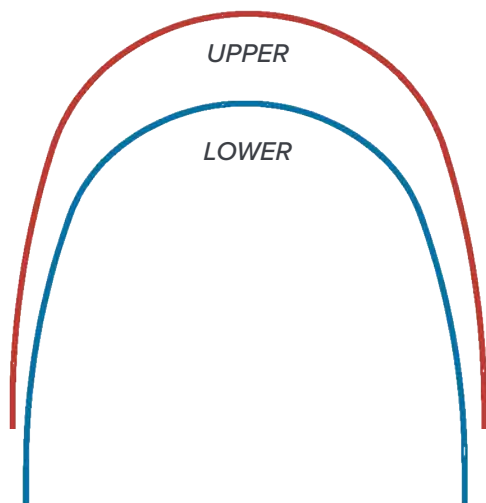


Due to potential printing issues, archforms shown in catalog are for visual reference only and are not meant to be a perfect representation of size or shape. For more information, contact a representative.



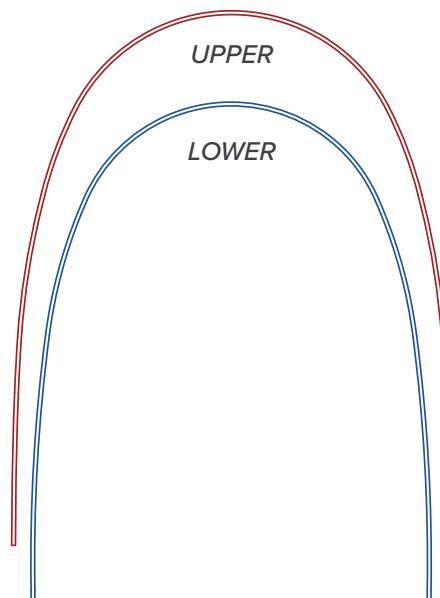
Archforms pictured are actual size

### BROAD



### YOUTH

MBT\*\*\* OVOID COMPATIBLE.



### 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

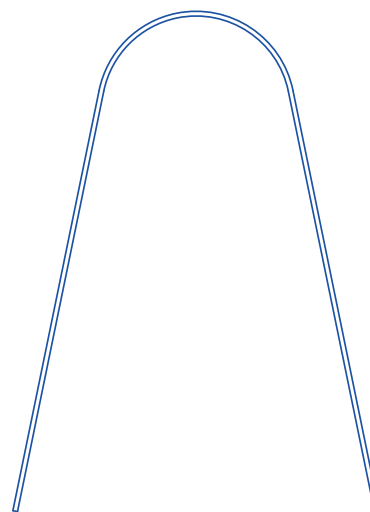
Upper	Black
Lower	Red
Progressive XL	Blue
Natural Midsize	Yellow

<sup>1</sup> MBT is a trademark of 3M Unitek Corporation.

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

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

### LINGUAL UNIVERSAL



Visit [highlandmetals.com](http://highlandmetals.com) for additional arch forms

## SuperElastic NiTi Arches

- Our best-selling product
- Light, continuous forces
- Maximum patient comfort
- Reduced chair time
- Efficient tooth movement
- Available in all archforms
- 100 arches per pack



● Round only **\$88<sup>04</sup>** /pk of 100  
.010 .012 .014 .016 .018 .020

■ Rectangular only **\$135<sup>63</sup>** /pk of 100  
.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

## NiTi on a Spool

- Superior shape memory
- Arrow straight off spool
- Can be formed into custom wires
- Commonly used as initial arch wire
- 15 feet



● Round only **\$17<sup>10</sup>** /15' spool  
.012 .014 .016 .018 .020

## SuperElastic NiTi Lingual Arches

- Improve smile without obvious appearance of braces
- Custom-fit to patient for maximum comfort
- 5 arches per pack

● Round only **\$10<sup>59</sup>** /pk of 5  
.012 .014 .016 .018

■ Rectangular only **\$14<sup>60</sup>** /pk of 5  
.016 x .022

## Tooth-Colored SuperElastic NiTi Arches

- SuperElastic NiTi
- Durable epoxy coating
- Tooth-colored aesthetic wire
- Available in natural & progressive archforms
- 25 arches per pack



● Round only **\$155<sup>68</sup>** /pk of 25  
.016 .018

■ Rectangular only **\$167<sup>65</sup>** /pk of 25  
.016 x .022 .019 x .025

## SuperElastic NiTi Reverse Curves

- SuperElastic NiTi
- Counter unwanted tooth movement
- Maintain arch consolidation & expansion
- Upper & lower only
- Available in natural & progressive archforms
- 10 arches per pack



● Round only **\$27<sup>76</sup>** /pk of 10  
.014 .016 .018 .020

■ Rectangular only **\$30<sup>16</sup>** /pk of 10  
.016 x .016 .016 x .022 .017 x .025 .018 x .018  
.018 x .025 .019 x .025 .021 x .025

## Heat-Activated NiTi Arches

- Reacts to heat in mouth
- Soft & pliable at room temp
- Gentle force delivery
- Maximum patient comfort
- Early torque control
- Copper-free
- Available in natural & progressive archforms
- 100 arches per pack

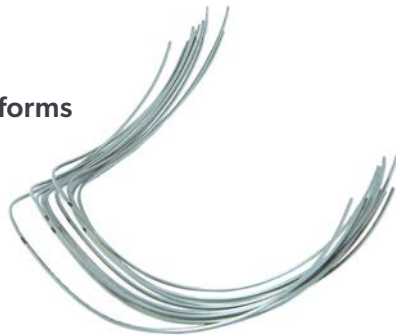


● **Round only \$108<sup>27</sup>** /pk of 100  
.014 .016 .018 .020

■ **Rectangular only \$139<sup>26</sup>** /pk of 100  
.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

## Heat-Activated NiTi Reverse Curves

- Upper & lower only
- Available in natural & progressive archforms
- 10 arches per pack



● **Round only \$35<sup>12</sup>** /pk of 10  
.016 .018

■ **Rectangular only \$39<sup>68</sup>** /pk of 10  
.016 x .016 .016 x .022 .017 x .025  
.018 x .025 .019 x .025 .021 x .025

## NiTi Closed Coil Eyelet Springs

- Extended when loaded to close or maintain space
- Custom-designed stainless steel eyelets
- Round .0075 diameter wire coils
- Available in 9mm & 12mm lengths
- 10 springs per pack



only **\$50<sup>03</sup>** /pk of 10

## NiTi Closed Coil Spring Spool

- Comfortable & effective
- Close space with ease
- 10 springs per pack
- Available sizes .007 x .030, .008 x .030, .009 x .030



only **\$55<sup>31</sup>** /21" spool

## NiTi Open Coil Springs

- Compressed when loaded
- Continuous unloading forces
- Create & maintain space with gentle force
- Available in 3 pack of 7" lengths or 21" spool
- Available sizes .010 x .030, .012 x .030, .012 x .036



only **\$26<sup>94</sup>** / 3 pk of 7" lengths or 21" spool

## NiTi Stop Wound Springs

- Compressed when loaded
- Continuous unloading forces
- Distalize molars without headgear
- Available in 3 pack of 7" lengths
- Available sizes .010 x .036, .010 x .045



only **\$50<sup>03</sup>** / 3 pk of 7" lengths

## Stainless Steel Arches

- 304V Vacuum Arc Remelted (VAR) stainless steel
- Superior strength & stiffness
- Advanced flexibility
- Accepts bends without breaking
- Available in all archforms
- 100 arches per pack



● Round only **\$31<sup>03</sup>** /pk of 100  
.012 .014 .016 .018 .020

■ Rectangular only **\$34<sup>51</sup>** /pk of 100  
.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

- Durable epoxy coating
- Tooth-colored aesthetic wire
- Available in natural & progressive archforms
- 50 arches per pack



● Round only **\$188<sup>83</sup>** /pk of 50  
.016 .018

■ Rectangular only **\$207<sup>21</sup>** /pk of 50  
.016 x .022 .019 x .025

## High Tensile Stainless Steel Arches

- 8-10% more force than our regular stainless steel arches
- Ideal for space closure, arch expansion, & finishing
- Available in natural & progressive archforms
- 100 arches per pack



● Round only **\$68<sup>80</sup>** /pk of 100  
.012 .013 .014 .016 .018 .020

■ Rectangular only **\$84<sup>12</sup>** /pk of 100  
.016 x .016 .016 x .022 .017 x .025 .018 x .018  
.018 x .025 .019 x .025 .021 x .025

Upper and Lower only for .012 Progressive - .013 Natural & Progressive - .018 x .018 Progressive

## 8-Strand Braided Stainless Steel Arches

- Easy to engage for early leveling & alignment
- Easily transition from round to rectangular wire
- Great slot fill for early torque control
- Ideal for settling and finishing
- Upper & lower only
- Natural archform only
- 10 arches per pack



only **\$20<sup>95</sup>** /pk of 10  
.016 x .016 .016 x .022 .017 x .025  
.018 x .025 .019 x .025 .021 x .025

## 14" Stainless Steel Straight Lengths

- Accepts loops & bends without breaking
- 304V VAR Stainless Steel
- Superior strength & stiffness
- Excellent flexibility
- Available in 14" lengths
- 100 lengths per tube



● Round only **\$63<sup>50</sup>** /tube of 100  
.012 .014 .016 .018 .020

■ Rectangular only **\$79<sup>10</sup>** /tube of 100  
.016 x .016 .016 x .022 .017 x .017 .017 x .025  
.018 x .018 .018 x .025 .019 x .025 .020 x .020  
.021 x .025

## Stainless Steel Lingual Arches

- Improve smile without obvious appearance of braces
- Universal arch form to create your own offsets
- 10 arches per pack

● Round only **\$2<sup>68</sup>** /pk of 10  
.014 .016 .018

■ Rectangular only **\$3<sup>78</sup>** /pk of 10  
.016 x .016 .016 x .022 .017 x .025 .018 x .025

## Pre-formed Ligature Wires

- High quality, ductile stainless steel
- Conveniently pre-formed
- Quick & easy placement over brackets
- Pre-twist available in short .010 only



Pre-formed, Pre-twist shown

### Short

pre-formed, pre-twist only **\$51<sup>91</sup>** /tube of 1000

● Round .010

### Long

pre-formed only **\$30<sup>38</sup>** /tube of 1000

● Round .009 .010 .012

### Long

pre-formed only **\$36<sup>22</sup>** /tube of 500

● Round .014

## Ligature wires

- Indispensable for any dental laboratory
- High quality, ductile stainless steel
- Superior formability
- Quick & easy placement
- Extra freight charges may apply
- 1lb spool



only **\$50<sup>34</sup>** /1lb spool  
.009 .010 .012 .014

## Round Retainer Wire

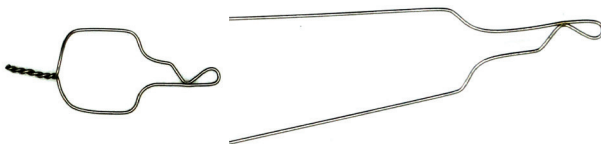
- High quality, ductile stainless steel
- Excellent formability
- Can be heat treated to increase elasticity
- Available in 14" lengths
- Smooth, bright finish
- 100 lengths per tube

● Round only **\$91<sup>02</sup>** /tube of 100  
.028 .030 .032 .036



## Kobayashi Hooks

- Quickly & easily attach to brackets, springs, or elastics
- Short hooks are pre-twisted and pre-trimmed
- Spot-welded to form a secure hook
- High quality, ductile stainless steel
- 100 hooks per pack



### Long

● Round .012 .014 only **\$23<sup>82</sup>** /tube of 100

### Short

● Round .012 .014 only **\$37<sup>70</sup>** /tube of 100



## Beta Titanium Molybdenum Arches

- High quality Nickel-Free Beta Titanium 3
- Force levels between NiTi & Stainless Steel
- Superior torque control
- Easy to bend, but hard to break
- Available in natural, progressive, & youth archforms
- 25 arches per pack



● **Round** only **\$107<sup>00</sup>** /pk of 25  
.016 .018

■ **Rectangular** only **\$118<sup>91</sup>** /pk of 25  
.016 x .016 .016 x .022 .017 x .025 .018 x .025  
.019 x .025 .021 x .025

## Beta Titanium Molybdenum Lingual Arches

- High quality Nickel-Free Beta Titanium 3
- Improve smile without obvious appearance of braces
- Custom-fit to patient for maximum comfort & control
- 5 arches per pack

● **Round** only **\$25<sup>40</sup>** /pk of 5  
.016

■ **Rectangular** only **\$27<sup>57</sup>** /pk of 5  
.016 x .022 .017 x .025

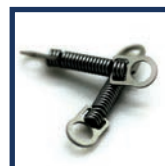
## Beta Titanium Molybdenum Straight Lengths

- Use rectangular lengths for early torque control
- Superior formability & breakage resistance
- Light, continuous forces
- High springback
- Available in 14" lengths
- 25 lengths per tube



● **Round** only **\$114<sup>95</sup>** /tube of 25  
.016 .018

■ **Rectangular** only **\$121<sup>72</sup>** /tube of 25  
.016 x .016 .016 x .022 .017 x .025 .018 x .025  
.019 x .025 .021 x .025



Order our full line of products at  
**HighlandMetals.com**

# The more you order, the more you **SAVE!**

Take advantage of our bulk discounts on your next order

\*Discount valid on Highland Metal products. Cannot be combined with other offers. Discounts based on amount spent can be applied to every Highland Metals order made during the specified timeframe. Other terms and conditions may apply.

<b>ORDER AMOUNT</b>	<b>SAVE*</b>
\$0 - \$499.99	0%
\$500 - \$1,499.99	15%
\$1,500 - \$2,499.99	20%
<b>\$2,500 and up</b>	<b>25%</b>



**Call to request  
a sample wire!**  
(800)368-6484 or  
+1(408)271-2955

#### To order within the USA:

Phone: 800-368-6484 • Fax: 800-448-7971  
E-mail: [orders@highlandmetals.com](mailto:orders@highlandmetals.com)

#### To order outside the USA:

Phone: +1 (408) 271-2955  
E-mail: [orders@highlandmetals.com](mailto:orders@highlandmetals.com)

#### To order online:

Visit us at [highlandmetals.com](http://highlandmetals.com)  
Order forms are available on our website

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### PAYMENT TERMS

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.

All prices quoted by HMI™ are in US dollars; FOB Franklin, IN USA. Residual charges resulting in past due accounts will be charged a 1.5% service charge each month. Return check charges: US \$20.

### SHIPMENT & DELIVERY POLICY

HMI™ ships to your location unless otherwise specified. Delivery time varies based on availability. Call for details. If you refuse your shipment, you may be responsible for any shipping charges and/or fees that are charged to return the products back to HMI™.

### INTERNATIONAL CUSTOMERS

International customers are responsible for shipping charges, GST, VAT, duties and taxes. HMI™ may require or customers may opt for Direct Delivery Prepaid, DDP, where HMI™ will estimate charges and apply those charges to your invoice prior to shipment. Variances from estimate will be adjusted by HMI™. Customers may opt for Duties and Delivery Unpaid, DDU, where the related fees will be charged to the customer at the time of delivery.

### RETURN POLICY

HMI™ warrants all materials and workmanship to be free from defects. Products must be returned within 90 days from the date of purchase and must be returned in original packaging and in resalable condition. HMI™ reserves the right to final determination as to acceptance of product exchange or credit. Restock fee may apply. Prior to the return of any merchandise, please contact HMI™ Customer Service for a return authorization number.

### PRIVACY POLICY

HMI™ does not disclose customer information to third parties.

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[highlandmetals.com/termsandconditionsofsale](http://highlandmetals.com/termsandconditionsofsale)



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.

For health and safety information go to  
[www.highlandmetals.com/health-safety](http://www.highlandmetals.com/health-safety)





Highland Metals™  
40 Linville Way  
Franklin, IN 46131 USA



Scan the code to visit  
**highlandmetals.com**  
& order today to get  
up to 25% OFF



Simply great products.

Highland Metals has built a reputation for over 30 years with doctors around the world for providing high-quality orthodontic wires, and other reliable products, manufactured in the USA. Thank you for looking through our catalog, and please reach out for more information.

**Nickel Titanium • Stainless Steel • Nickel-Free Beta Titanium Molybdenum**



(800) 368-6484



orders@highlandmetals.com



highlandmetals.com



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