

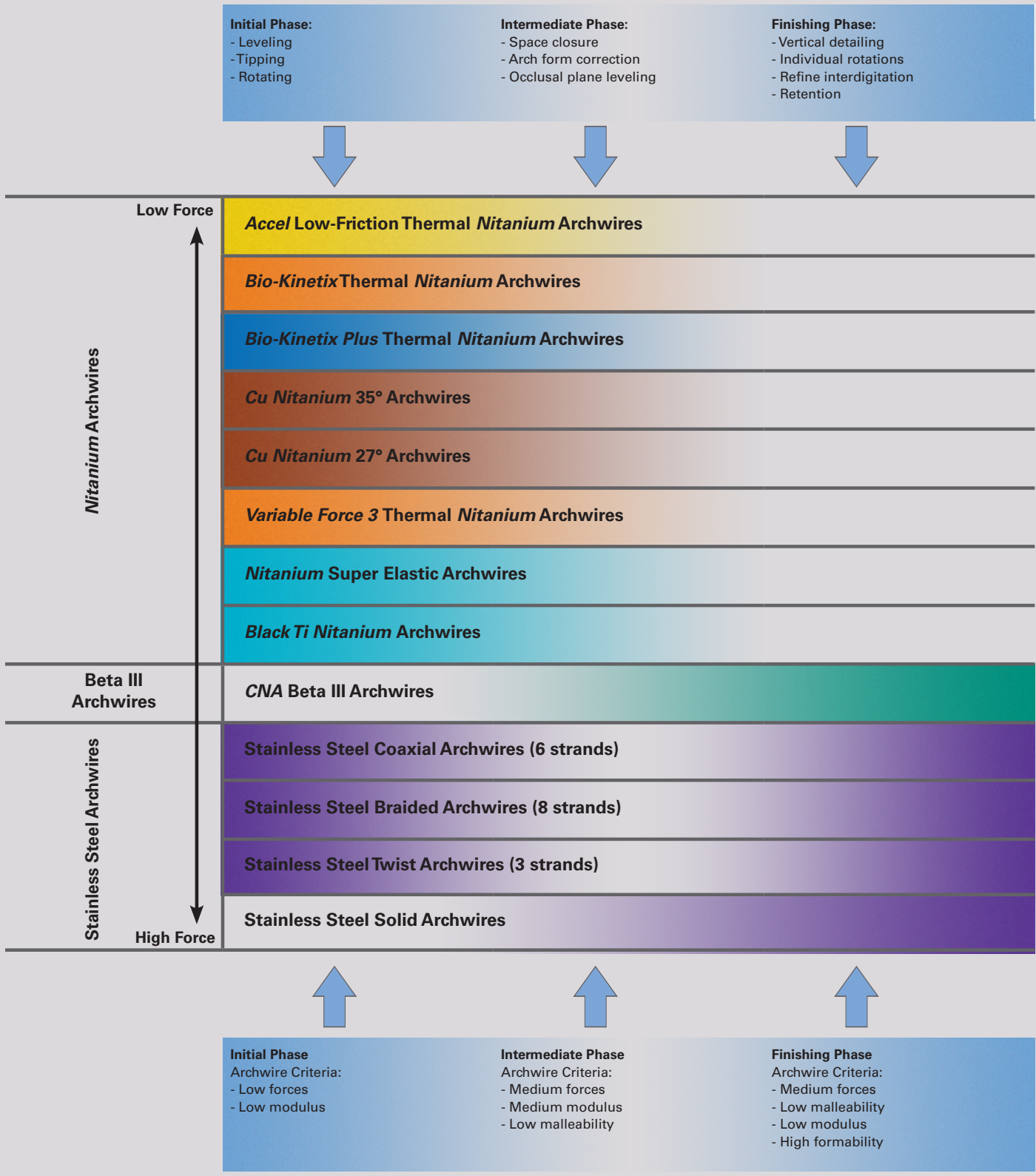
# ARCHWIRES | G

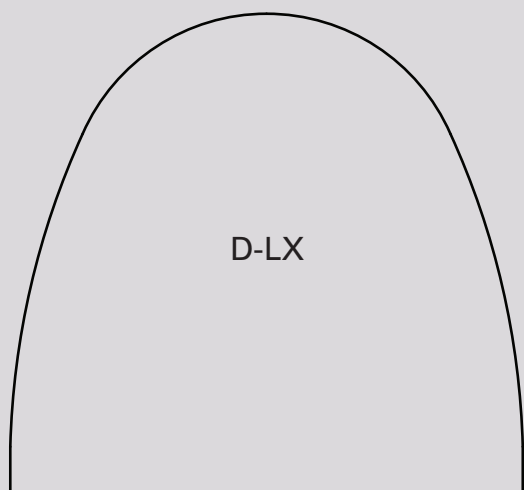


Characteristics . . . . . G-2 of an Archwire	<i>Black-Ti</i> <sup>®</sup> . . . . . G-14 Super Elastic Archwires	Keyhole Looped. . . . . G-29 Archwires
Archwire Forms . . . . . G-3	<i>CNA Beta III</i> . . . . . G-15 Nickel-Free Archwires	T-Looped Archwires . . . . . G-30
<i>Cu Nitantium</i> . . . . . G-4 Archwires	Connecticut Intrusion . . . . G-16 Archwires (CIA)	V-Looped Archwires. . . . . G-30
<i>Variable Force 3</i> . . . . . G-6 Archwires	Reverse Curve of . . . . . G-17 Spee (R.C.S.) Archwires	Posted Archwires. . . . . G-31
<i>Bio-Kinetix</i> . . . . . G-7 Thermally Activated <i>Nitantium</i> Archwires	Aesthetic Archwires. . . . . G-19	Archwire Racks. . . . . G-32
<i>Bio-Kinetix Plus</i> . . . . . G-8 Thermally Activated <i>Nitantium</i> Archwires	Adjustable Utility . . . . . G-21 Archwires	Crimpable. . . . . G-34
<i>Carriere System</i> . . . . . G-9 Archwires	Multi-Strand . . . . . G-23 Archwires	Hooks and Stops
<i>Andrews</i> <sup>2</sup> . . . . . G-10 Appliance Archwires	Stainless Steel . . . . . G-25 Archwires	Ligature Wires . . . . . G-35
Super Elastic . . . . . G-12 <i>Nitantium</i> Archwires	<i>Australian Super Plus</i> <sup>™</sup> Archwires . . . . . G-25	Springs. . . . . G-37
Torqued Archwires. . . . . G-13 with 20° Anterior Torque	Ortholoy-Blue. . . . . G-25 Archwires	Wire Products. . . . . G-40 and Auxiliaries
	<i>Mushroom Looped</i> <sup>™</sup> . . . . . G-28 Archwires	

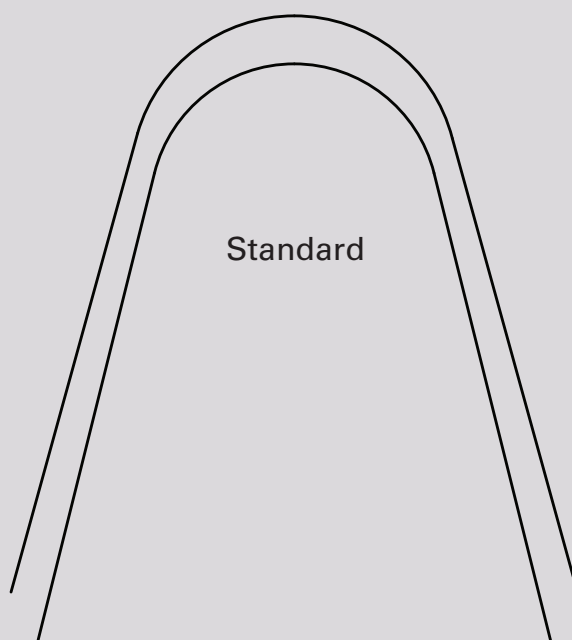
# ARCHWIRES

## Selection Throughout the Stage of Treatment

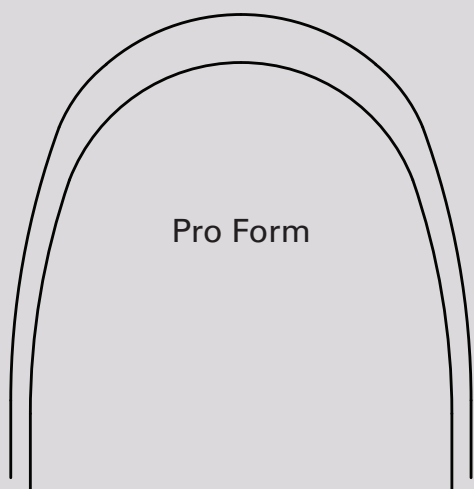




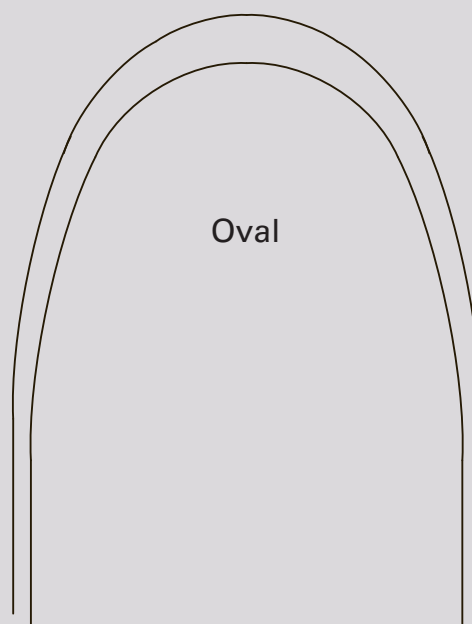
D-LX



Standard



Pro Form



Oval



The *Dimple*® Centermark is available on our nickel titanium and *Cu Nitantium* Archwires. This vertical protrusion, which is placed at the centerline of the wire, helps prevent the archwire from sliding through the bracket or out of the buccal tube. Also eliminates the need for cinching behind the buccal tubes. The *Dimple* is still the most efficient, most economical way to prevent archwire slipping.

## CU NITANIUM ARCHWIRES

CU NITANIUM 27° ARCHWIRES 

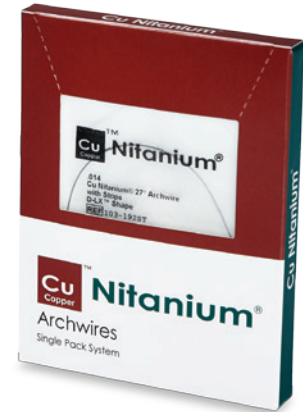
CU NITANIUM 35° ARCHWIRES 

### Copper. A Natural Transition.

*Cu Nitanium* Archwires are truly comparable to *Ormco*®'s *Copper Ni-Ti*™ Archwires\* and refined using the most advanced technology for greater treatment predictability and control. The unique thermal properties of copper enhance the *Nitanium* Archwires for a precise control of forces, while maintaining excellent flexibility. Made of the highest quality materials, *Cu Nitanium* Archwires provide fast, natural, and reliable results for optimal patient outcomes.

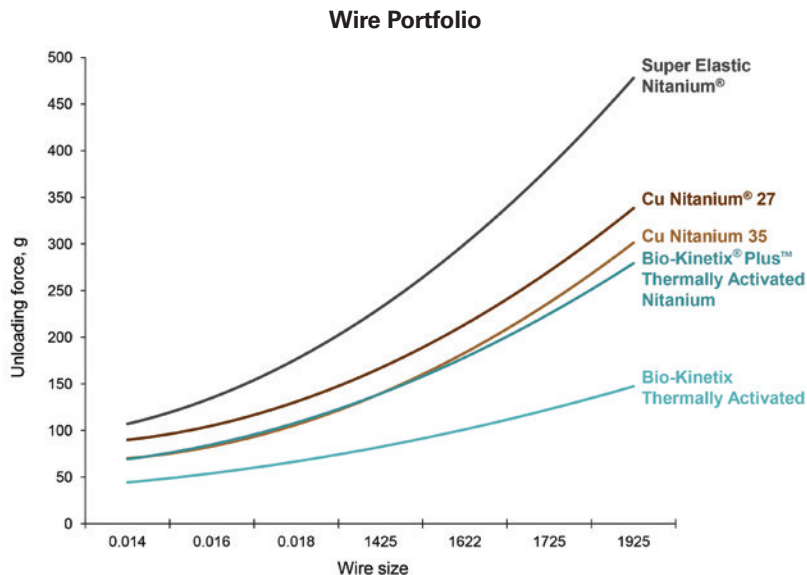
### The addition of copper:

- Enhances the thermal properties of *Nitanium* providing superior flexibility for easier placement, in even the most severe cases, while maintaining precise control of forces
- Offers higher resistance to deformation, resulting in fewer wire changes
- Provides smooth and continuous loading and unloading forces for extended working time
- Facilitates a controlled force-deflection curve for an optimal biological response and faster treatment
- Delivers consistent forces through reliable transformation temperatures for a predictable and gentle treatment



Available in two archwire series options to fit your treatment needs:

- ***Cu Nitanium 27°C Archwires*** – This wire series provides optimal nickel titanium force levels with the additional flexibility required for easy placement in crowded cases and comfortable tooth movement.
- ***Cu Nitanium 35°C Archwires*** – This wire series is activated at body temperature to facilitate easy engagement, consistent forces, and efficient tooth movement using transitional temperature changes back and forth between the “soft” martensite state and “firm” austenite state.



## CU NITANIUM ARCHWIRES

 CU NITANIUM 27° ARCHWIRES

 CU NITANIUM 35° ARCHWIRES

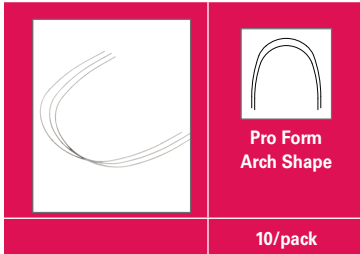
 Nitinium Archwires	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape with Dimple	 Oval Arch Form III Shape	 Oval Arch Form III Shape with Dimple	 D-LX Shape Universal (Damon Shape)	 D-LX Shape Universal w/Stops (Damon Shape)
Cu Nitinium 27°C Archwires	10/single-pack pouches	10/pack	10/pack	10/pack	10/pack	10/single-pack pouches	10/single-pack pouches
.013	—	—	—	—	—	103-191	103-191ST
.014 Upper	109-542	109-142	109-242	109-342	109-442	103-192	103-192ST
.014 Lower	109-543	109-143	109-243	109-343	109-443		
.016 Upper	109-544	109-144	109-244	109-344	109-444	103-193	103-193ST
.016 Lower	109-545	109-145	109-245	109-345	109-445		
.018 Upper	109-546	109-146	109-246	109-346	109-446	103-194	103-194ST
.018 Lower	109-547	109-147	109-247	109-347	109-447		
.014 x .025 Upper	109-548	109-148	109-248	109-348	109-448	103-195	103-195ST
.014 x .025 Lower	109-549	109-149	109-249	109-349	109-449		
.016 x .022 Upper	109-550	109-150	109-250	109-350	109-450	—	—
.016 x .022 Lower	109-551	109-151	109-251	109-351	109-451	—	—
.016 x .025 Upper	109-552	109-152	109-252	109-352	109-452	103-196	103-196ST
.016 x .025 Lower	109-553	109-153	109-253	109-353	109-453		
.017 x .025 Upper	109-554	109-154	—	109-354	—	103-197	103-197ST
.017 x .025 Lower	109-555	109-155	—	109-355	—		
.018 x .025	—	—	—	—	—	103-198	103-198ST
.019 x .025 Upper	109-558	109-158	—	109-358	—	103-199	103-199ST
.019 x .025 Lower	109-559	109-159	—	109-359	—		
<b>Cu Nitinium 35°C Archwires</b>							
.016 Upper	109-562	109-162	109-262	109-362	109-462	—	—
.016 Lower	109-563	109-163	109-263	109-363	109-463	—	—
.018 Upper	109-564	109-164	109-264	109-364	109-464	—	—
.018 Lower	109-565	109-165	109-265	109-365	109-465	—	—
.016 x .022 Upper	109-568	109-168	109-268	109-368	109-468	—	—
.016 x .022 Lower	109-569	109-169	109-269	109-369	109-469	—	—
.017 x .017 Upper	109-570	109-170	109-270	109-370	109-470	—	—
.017 x .017 Lower	109-571	109-171	109-271	109-371	109-471	—	—
.017 x .025 Upper	109-572	109-172	109-272	109-372	109-472	103-200	103-200ST
.017 x .025 Lower	109-573	109-173	109-273	109-373	109-473		
.018 x .025 Upper	109-574	109-174	109-274	109-374	109-474	—	—
.018 x .025 Lower	109-575	109-175	109-275	109-375	109-475	—	—
.019 x .025 Upper	109-576	109-176	109-276	109-376	109-476	103-201	103-201ST
.019 x .025 Lower	109-577	109-177	109-277	109-377	109-477		
.020 x .020 Upper	109-578	109-178	109-278	109-378	109-478	—	—
.020 x .020 Lower	109-579	109-179	109-279	109-379	109-479	—	—

\*Data on file.

Ormco is a registered trademark of Ormco Corporation.

# VARIABLE FORCE 3 THERMAL NITANIUM ARCHWIRES

## VARIABLE FORCE 3 THERMAL NITANIUM ARCHWIRES



10/pack

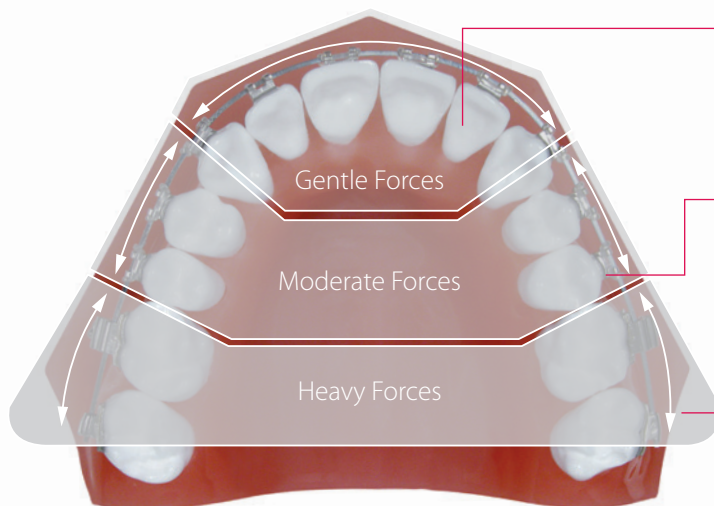
.016 Upper	104-954
.016 Lower	104-955
.018 Upper	104-956
.018 Lower	104-957
.016 x .016 Upper	104-960
.016 x .016 Lower	104-961
.016 x .022 Upper	104-962
.016 x .022 Lower	104-963
.017 x .025 Upper	104-966
.017 x .025 Lower	104-967
.018 x .018 Upper	104-968
.018 x .018 Lower	104-969
.018 x .025 Upper	104-970
.018 x .025 Lower	104-971
.019 x .025 Upper	104-972
.019 x .025 Lower	104-973
.020 x .020 Upper	104-974
.020 x .020 Lower	104-975

The *Variable Force 3* Archwire is a heat activated, multi-force, nickel titanium archwire with three distinct force regions. The *Variable Force 3* Archwire places the correct force to the appropriate region (anterior, bicuspid, and posterior) of the arch to quickly torque, level, and align, without sacrificing patient comfort. It could take multiple archwire changes with any other archwire to achieve the same level and alignment results.

In addition, the archwire is easy to place because the thermal mechanics allow the wire to stay soft when not in the mouth, and once placed the warmth of the mouth allows the archwire to take on its memory shape. This thermal, *Nitanium* Archwire has a multi-step manufacturing process which consistently creates three different zones of forces along the archwire. The *Variable Force 3* Archwire provides forces that range from 50 grams in the anterior, and up to 300 grams in the posterior region, depending on the archwire size.

**One archwire provides the benefits of three archwires:**

- Distinct forces to the anterior, bicuspid, and posterior regions
- Ideal biological forces for efficient tooth movement
- Reduced number, and frequency, of archwire changes
- Allows for longer treatment intervals
- Greater patient comfort
- Superior shape integrity
- Available in round or rectangular dimensions







**Anterior region** of arch form has the lowest heat-activated force, as anterior teeth have the lightest roots.

The force increases through the **bicuspid region**, maintaining a slightly greater heat-activated force to move larger rooted bicuspids.

**Posterior region**

# BIO-KINETIX THERMALLY ACTIVATED NITANIUM ARCHWIRES

## BIO-KINETIX THERMAL NITANIUM ARCHWIRES

				
	10/pack	10/pack	10/pack	10/pack
.012 Upper	100-850	—	—	—
.012 Lower	100-851	—	—	—
.014 Upper	100-852	100-852DM	101-462	—
.014 Lower	100-853	100-853DM	101-463	—
.016 Upper	100-854	100-854DM	101-464	—
.016 Lower	100-855	100-855DM	101-465	—
.018 Upper	100-856	100-856DM	101-466	—
.018 Lower	100-857	100-857DM	101-467	—
.014 x .025 Upper	—	100-872DM	—	—
.014 x .025 Lower	—	100-873DM	—	—
.016 x .016 Upper	100-860	—	101-470	—
.016 x .016 Lower	100-861	—	101-471	—
.016 x .022 Upper	100-862	—	101-472	—
.016 x .022 Lower	100-863	—	101-473	—
.016 x .025 Upper	—	100-874DM	—	—
.016 x .025 Lower	—	100-875DM	—	—
.017 x .025 Upper	100-864	—	101-474	—
.017 x .025 Lower	100-865	—	101-475	—
.018 x .025 Upper	100-866	100-866DM	101-478	—
.018 x .025 Lower	100-867	100-867DM	101-479	—
.019 x .025 Upper	100-868	—	101-480	—
.019 x .025 Lower	100-869	—	101-481	—
.021 x .025 Upper	100-870	—	—	—
.021 x .025 Lower	100-871	—	—	—
.021 x .027 Upper	100-876	—	—	103-123
.021 x .027 Lower	100-877	—	—	—

A heat-activated *Nitanium* Archwire, specifically designed for consistent performance and low tooth moving forces, the *Bio-Kinetix* Thermally Activated *Nitanium* Archwire provides outstanding resiliency and demonstrates ultimate thermal performance. The archwire is soft at room temperature allowing for easy ligation.




### Benefits of using the *Bio-Kinetix* Thermally Activated *Nitanium* Archwire:

- Excellent shape integrity and shape memory for a heat-activated archwire
- Temperature Transition Range (TTR) = 80°-90°F (26.7°-32.2°C)
- Optimum and consistent performance
- Easy ligation at room temperature
- Outstanding resiliency
- Offers slightly lower forces than the *Bio-Kinetix Plus* Thermally Activated *Nitanium* Archwire
- Ideal for use during cases that have significant crowding
- Very responsive to chilling which allows patient to ease discomfort with cold temperature items
- Low force provides greater patient comfort, and helps control torque early in treatment



# BIO-KINETIX PLUS THERMALLY ACTIVATED NITANIUM ARCHWIRES

## BIO-KINETIX PLUS THERMAL NITANIUM ARCHWIRES

	 Pro Form Arch Shape	 Oval Arch Form III Shape	 D-LX Shape Universal (Damon Shape)
	10/pack	10/pack	Single Pack 10/pack
.013 Upper	104-124	104-150	103-100
.013 Lower	104-125	104-151	
.014 Upper	104-126	104-152	103-101
.014 Lower	104-127	104-153	
.016 Upper	104-128	104-154	103-102
.016 Lower	104-129	104-155	
.018 Upper	104-130	104-156	103-103
.018 Lower	104-131	104-157	
.014 x .025 Upper	104-132	104-158	103-104
.014 x .025 Lower	104-133	104-159	
.016 x .016 Upper	104-134	104-160	—
.016 x .016 Lower	104-135	104-161	—
.016 x .022 Upper	104-136	104-162	—
.016 x .022 Lower	104-137	104-163	—
.016 x .025 Upper	104-138	104-164	103-105
.016 x .025 Lower	104-139	104-165	
.017 x .025 Upper	104-140	104-166	—
.017 x .025 Lower	104-141	104-167	—
.018 x .025 Upper	104-142	104-168	103-106
.018 x .025 Lower	104-143	104-169	
.019 x .025 Upper	104-144	104-170	—
.019 x .025 Lower	104-145	104-171	—
.021 x .025 Upper	104-146	—	—
.021 x .025 Lower	104-147	—	—

The *Bio-Kinetix Plus* Archwire is ideal for early- to mid-stage treatment with moderate to severe crowding. This wire is best suited for the initial stage of treatment because it is easy to engage. Once the wire is placed, it then reacts to the heat in a patient’s mouth and exerts a light, continuous force as it returns to its original shape.

Made from an advanced nickel titanium alloy, the *Bio-Kinetix Plus* Archwire exhibits improved resiliency resulting in an archwire that is measurably more resistant to permanent set (deformation). In addition, the advanced thermal properties found in the archwire display a narrower transformation band from martensite to austenite which gives the archwire a “crisp” response as it moves between the “soft” and “stiff” state.

**Etched Midlines:**

- Upper - 3 black marks
- Lower - 1 black mark

**Features of the *Bio-Kinetix Plus* Archwire:**






- Forces fall directly between *Bio-Kinetix* Thermally Activated *Nitium* Archwires and Super Elastic *Nitium* Archwires
- Temperature Transition Range (TTR) = 65°- 75°F (18.3° - 23.9°C)
- Utilizes shape memory and super elastic properties to move teeth
- Excellent shape characteristics and resiliency
- Wire is slightly thermal at room temperature for easy ligation
- Responsive to chilling for easier ligation
- Has a smooth finish for minimal friction



# CARRIERE SYSTEM ARCHWIRES

- CU NITANIUM 27° ARCHWIRES
- CU NITANIUM 35° ARCHWIRES

- BIO-KINETIX THERMAL NITANIUM ARCHWIRES
- CNA BETA III ARCHWIRES

	Cu Nitium 27°C Archwires	Cu Nitium 35°C Archwires	CNA Beta III Archwires	Bio-Kinetix Thermal Nitium Archwires
	 D-LX Shape Universal (Damon Shape) w/ EZ Stops	 D-LX Shape Universal (Damon Shape) w/ EZ Stops	 D-LX Shape Universal (Damon Shape)	 D-LX Shape Universal (Damon Shape)
	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack
.013	103-191C	—	—	—
.014	103-192C	—	—	—
.014 x .025	103-195C	—	—	—
.017 x .025	—	103-200C	—	—
.019 x .025	—	103-201C	103-120C	—
.021 x .027	—	—	—	103-123C

### Carriere Archwires Complement the Carriere SLX Bracket System

Our new passive self-ligating system incorporates more than ten clinician inspired enhancements – all designed to enable you to finish treatment more quickly and with the degree of quality that you expect. Try the SLX System today, and see why it's a game changer for you, your patients, and your practice.



### Carriere Cu Nitium Archwires with the Innovative EZ Stops System\*

This new crimpable archwire stop delivery system provides smooth positioning. The unique holder allows clinicians to quickly position the tube stop in a precise location for crimping on the archwire. Threading a crimpable tube stop onto an archwire is quick and easy. No more lost stops!

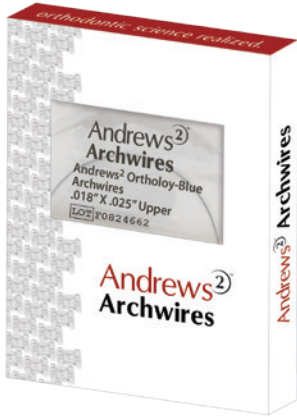
- No more frustration with sticky sliding
- Easy-to-see
- Easy-to-grip
- Pre-threaded on each archwire
- Sterilizable by steam autoclave

Description/Size	Item Numbers
EZ Stops Small (.019"), Qty 20	430-101
EZ Stops Large (.030"), Qty 20	430-102



\* Call for availability.

# ANDREWS<sup>2</sup> APPLIANCE



**Optimal arches are essential for optimal occlusion. Andrews<sup>2</sup> Archwires have the features needed to treat arches to optimal standards efficiently.**

- .014, .016 Nitanium<sup>®</sup> Super Elastic Wires have flexibility for initial aligning and rotations
- .014, .016 stainless steel wires have a balance of flexibility and rigidity for initial aligning and leveling
- .016, .018 stainless steel wires have a balance of flexibility and rigidity for leveling, correcting arch shape, and for mesiodistal translation
- .018 x .025 Orthology-Blue (heat treatable) stainless steel wires are for inclining and fine tuning

### Flexibility:

Arches can be effectively and efficiently treated to optimal standards by using the most appropriate Andrews<sup>2</sup> Appliance prescription in combination with the most suitable Andrews<sup>2</sup> Archwires in terms of flexibility.

### Shape:

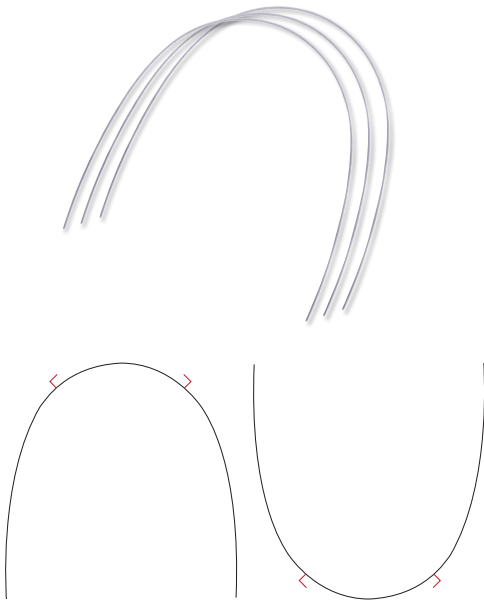
The Andrews<sup>2</sup> Archwires are preformed to match the average shape of the 120 non-orthodontic normal study casts used in the "Six Keys to Normal (Optimal) Occlusion" study. Like any preformed archwire, its shape must be customized to each patient's unique anatomy.

### Length:

The overall length can usually be customized with one cut.

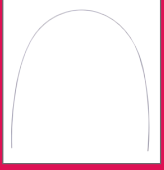



### Pre-Posted Archwire Option:

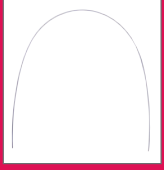

For each arch, the small, medium, and large distances between the posts means one of the 3 will fit 90% of the normal patient population.

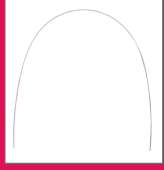



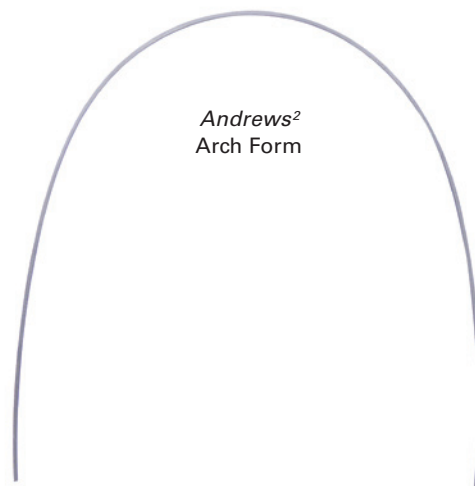
# ANDREWS<sup>2</sup> APPLIANCE

- NITANIUM SUPER ELASTIC ARCHWIRES
- STAINLESS STEEL SOLID ARCHWIRES

	Nitium Super Elastic Archwire	Stainless Steel Archwire	Ortholoy-Blue Archwire
	 Andrews <sup>2</sup> Arch Form	 Andrews <sup>2</sup> Arch Form	 Andrews <sup>2</sup> Arch Form
	Single Pack 10/pack	Single Pack 10/pack	Single Pack 10/pack
.014 Upper	112-140	112-100	—
.014 Lower	112-141	112-101	—
.016 Upper	112-142	112-102	—
.016 Lower	112-143	112-103	—
.018 Upper	112-144	112-104	—
.018 Lower	112-145	112-105	—
.017 x .025 Upper			
.017 x .025 Upper	112-146	—	—
.017 x .025 Lower	112-147	—	—
.018 x .025 Upper	—	—	112-172
.018 x .025 Lower	—	—	112-173

	Stainless Steel Pre-Posted Archwire
	 Andrews <sup>2</sup> Arch Form
	Single Pack 10/pack
.016 Pre-Posted Upper	
33 mm posted	112-106
37 mm posted	112-116
41 mm posted	112-126
.016 Pre-Posted Lower	
24 mm posted	112-107
28 mm posted	112-117
32 mm posted	112-127
.018 Pre-Posted Upper	
33 mm posted	112-108
37 mm posted	112-118
41 mm posted	112-128
.018 Pre-Posted Lower	
24 mm posted	112-109
28 mm posted	112-119
32 mm posted	112-129

	Ortholoy-Blue Pre-Posted Archwire
	 Andrews <sup>2</sup> Arch Form
	Single Pack 10/pack
.018 x .025 Pre-Posted Upper	
33 mm posted	112-174
37 mm posted	112-178
41 mm posted	112-182
.018 x .025 Pre-Posted Lower	
24 mm posted	112-175
28 mm posted	112-179
32 mm posted	112-183



## SUPER ELASTIC NITANIUM ARCHWIRES

## TITANIUM SUPER ELASTIC ARCHWIRES

					
	10/pack	10/pack	10/pack	Single Pack 10/pack	10' Roll
.012 Upper	100-658	—	101-430	—	100-894
.012 Lower	100-659	—	101-431	—	
.014 Upper	100-650	100-800	101-432	112-140	100-895
.014 Lower	100-651	100-801	101-433	112-141	
.016 Upper	100-652	100-802	101-434	112-142	100-896
.016 Lower	100-653	100-803	101-435	112-143	
.018 Upper	100-654	100-804	101-436	112-144	100-897
.018 Lower	100-655	100-805	101-437	112-145	
.020 Upper	100-656	100-806	101-438	—	—
.020 Lower	100-657	100-807	101-439	—	—
.016 x .016 Upper	100-660	100-808	101-440	—	—
.016 x .016 Lower	100-661	100-809	101-441	—	—
.016 x .022 Upper	100-662	100-810	101-442	—	—
.016 x .022 Lower	100-663	100-811	101-443	—	—
.017 x .025 Upper	100-664	100-812	101-444	112-146	—
.017 x .025 Lower	100-665	100-813	101-445	112-147	—
.018 x .018 Upper	100-670	—	101-446	—	—
.018 x .018 Lower	100-671	—	101-447	—	—
.018 x .025 Upper	100-666	100-814	101-448	—	—
.018 x .025 Lower	100-667	100-815	101-449	—	—
.019 x .025 Upper	100-668	100-816	101-450	—	—
.019 x .025 Lower	100-669	100-817	101-451	—	—
.020 x .020 Upper	100-672	—	—	—	—
.020 x .020 Lower	100-673	—	—	—	—
.021 x .025 Upper	—	—	101-452	—	—
.021 x .025 Lower	—	—	101-453	—	—

Looking for a great archwire for early- to mid-stage treatment? The Super Elastic *Nitanium* Archwire is a perfect choice. This archwire remains constantly active, reducing the number of archwire changes. In addition, it provides slightly less force than our *Black-Ti* Super Elastic *Nitanium* Archwire, and is fully austenitic at room temperature so that the material is constantly springy, and will immediately return to its original shape after flexing through the bracket slots.






Due to its high flexibility and resiliency, the archwire completely recovers from bends and deformation at angles up to 45°, and even up to 75° in some cases!

**The Super Elastic *Nitanium* Archwire offers:**

- Moderate, consistent force for efficient tooth movement
- Greater patient comfort during treatment than found with stainless steel archwires
- Excellent resiliency with high flexibility
- Responsive to chilling, 45-60° F (7.2-15.6°C)
- Near consistent force between archwire changes
- Rectangular archwire offers ability to simultaneously level and add torque and rotation earlier in treatment
- Available with either a dimple mid-line or center-mark

## TORQUED WITH 20° ANTERIOR TORQUE SUPER ELASTIC NITANIUM ARCHWIRES

 NITANIUM SUPER ELASTIC ARCHWIRES

	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape
	5/pack	5/pack	Single Pack 5/pack	Single Pack 5/pack	Single Pack 5/pack
Length	.017 x .025	.019 x .025	.016 x .025	.017 x .025	.019 x .025
28 mm	101-835	101-841	—	—	—
34 mm	101-836	101-842	103-107	103-109	103-111
38 mm	101-837	101-843	103-108	103-110	103-112

Excellent choice for adding extra torque in the anterior segment. We take our *Nitanium* Archwire with the *Pro Form* shape and add 20° additional torque in the anterior while maintaining non-torque in the posterior regions, and introduce torque in the upper centrals and laterals. The lower, torqued archwires allow the lower anteriors to be negatively torqued to help compensate for the rebound factor after removal of the archwire.

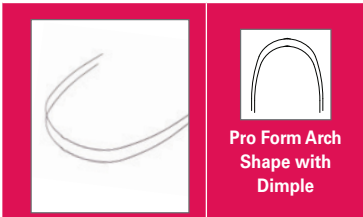
- Provides 20° anterior torque
- Three anterior torque segment widths available
- Early introduction of torque in upper centrals and laterals
- Provides uprighting torque in the lower anterior segment
- Labial or lingual torque forces available by reversing wire orientation
- Ideal for passive, self-ligating bracket systems
- *Nitanium* material provides lower forces compared to stainless steel alternatives, as well as shape memory benefits for better resiliency, and longer activation range

**3 sizes:** .016" x .025", .017" x .025" and .019" x .025" archwire size (5 per pack)

The *Nitanium* Torqued Archwire should be placed in the upper arch with the I.D. mark facing gingival, and placed in the lower arch with the I.D. mark facing occlusally.

# BLACK-TI SUPER ELASTIC NITANIUM ARCHWIRES

NITANIUM BLACK-TI ARCHWIRES



Pro Form Arch Shape with Dimple

10/pack

.012 Upper	101-901
.012 Lower	101-902
.014 Upper	101-903
.014 Lower	101-904
.016 Upper	101-905
.016 Lower	101-906
.018 Upper	101-907
.018 Lower	101-908
.020 Upper	101-909
.020 Lower	101-910
.016 x .016 Upper	101-911
.016 x .016 Lower	101-912
.016 x .022 Upper	101-913
.016 x .022 Lower	101-914
.017 x .025 Upper	101-915
.017 x .025 Lower	101-916
.018 x .025 Upper	101-917
.018 x .025 Lower	101-918
.019 x .025 Upper	101-919
.019 x .025 Lower	101-920
.021 x .025 Upper	101-921
.021 x .025 Lower	101-922






Achieve faster results with the *Black-Ti* Super Elastic *Nitanium* Archwire. This archwire produces 30% less friction between the bracket and wire than a traditional nickel titanium archwire. The ultra smooth, hard black oxide surface allows your patients to get to the finishing stage sooner by providing better sliding mechanics in early- and mid-stage treatment.

### Why use the *Black-Ti* Super Elastic *Nitanium* Archwire?

- Reduces sliding friction by 30%
- Excellent shape characteristics and resiliency
- The ultra smooth, hard, black oxide surface is a natural characteristic of the archwire and not a coating
- Will not chip, wear, or peel
- Looks similar to regular nickel titanium archwires when in the mouth
- Economically priced compared to other friction-reducing archwires
- Our highest force, super elastic nickel titanium archwire
- The dimple, mid-line indication ensures accurate wire placement, and keeps wires from slipping

## CNA BETA III NICKEL-FREE ARCHWIRES

 CNA BETA III ARCHWIRES

	 Pro Form Arch Shape	 Oval Arch Form III Shape	 14" Straight	 D-LX Shape Universal (Damon Shape)
	5/pack	10/pack	5/pack	Single Pack 10/pack
.016 Upper	100-941	101-504		—
.016 Lower	100-951	101-505	101-003	—
.018 Upper	100-942	101-506		—
.018 Lower	100-952	101-507	101-004	—
.032	—	—	101-022	—
.036	—	—	101-024	—
.016 x .016 Upper	100-960	—		—
.016 x .016 Lower	100-961	—	101-007	—
.016 x .022 Upper	100-944	101-512		—
.016 x .022 Lower	100-954	101-513	101-008	—
.016 x .025 Upper	—	—	—	103-118
.016 x .025 Lower	—	—	—	—
.017 x .025 Upper	100-945	101-514		103-119
.017 x .025 Lower	100-955	101-515	101-009	—
.018 x .018 Upper	100-946	101-516		—
.018 x .018 Lower	100-956	101-517	101-010	—
.018 x .025 Upper	100-947	101-518		—
.018 x .025 Lower	100-957	101-519	101-011	—
.019 x .025 Upper	100-948	101-520		—
.019 x .025 Lower	100-958	101-521	101-012	103-120
.021 x .025 Upper	100-949	—		—
.021 x .025 Lower	100-959	—	101-013	—

These nickel-free beta titanium alloy archwires were developed with the assistance of Dr. Ravindra Nanda. An excellent alternative over TMA archwires, the CNA Beta III Nickel-Free Archwire displays superb formability for placement of loops and bends reducing important chairside time. In addition, the flexibility makes it the perfect archwire for use during the mid-to-late stages of treatment.

**Due to its ease of bending, the CNA Beta III Nickel-Free Archwire, is ideal for use when the following is required:**

- Custom tipping
- Aligning
- Space closure
- Rotation
- Tooth movement

**In addition, doctors are moving to the CNA Beta III Nickel-Free Archwire over the TMA because:**

- CNA Archwire does not break as easily as TMA
- The CNA Archwire has a smooth, high-polish finish which provides less friction
- It is easier to form loops and bends with the CNA Archwire
- Once intended shape is formed, the archwire maintains its integrity

Choose the CNA Beta III Nickel-Free Archwire and you'll be able to move patients into a rectangular archwire more quickly to correct torque. Not to mention, you'll be able to work on root correction, and even over correction is possible by inserting bends.

We offer the CNA Archwire in preformed, arched, or straight. The preformed option is also available under the Connecticut Intrusion Arch Form (see following page).







ARCHWIRES

CONNECTICUT INTRUSION ARCHWIRES (CIA)

NITANIUM SUPER ELASTIC ARCHWIRES

CNA BETA III ARCHWIRES

	Super Elastic Nitanium Archwires	Super Elastic Nitanium Archwires	CNA Beta III Archwires
	 Short	 Long	 Long
	5/pack	5/pack	5/pack
.016 x .022 Upper	100-980	100-981	100-971
.016 x .022 Lower	100-982	100-983	100-973
.017 x .025 Upper	100-984	100-985	100-975
.017 x .025 Lower	100-986	100-987	100-977

Developed in consultation with Dr. Ravindra Nanda, this archwire is a great tool for providing absolute intrusion of anterior teeth, molar tip-back, incisor flaring, leveling of anterior occlusal cants, and more! Our CIA Archwire is available in either *Nitanium* or nickel-free *CNA*, in both maxillary and mandibular forms. The force may be adjusted by increasing or decreasing the bend at the posterior leg of the arch.

**The CIA Archwire offers the following benefits:**

- Use the long (upper/lower) archwires for non-extraction and/or long arches
- Use the short (upper/lower) archwire for extraction and/or shorter arches

*Nitanium* version of the CIA Archwire

- Provides moderate, continuous forces over a large activation range
- Super elastic qualities
- For use with adult or mixed dentition

*CNA* Beta Nickel-free version of the CIA Archwire

- Nickel-free archwire
- Recommended for use in adult patients
- Ideal for following NiTi treatment
- Best for extraction patients treated with sliding mechanics; the archwire may be used for intraoral anchorage
- Accepts permanent bends which allows force adjustment and cinch back

## REVERSE CURVE OF SPEE (R.C.S.) ARCHWIRES

We offer three Reverse Curve of Spee (R.C.S.) archwire shapes to meet your curve of spee correction needs. All three shapes are carefully finished to ensure the archwire slides easily through the bracket slot while applying continuous force for ideal movement. R.C.S. Archwires may be used for bite correction, or with springs and elastomerics for retraction.

### R.C.S. Archwires are best suited for:

- Preventing molar tipping and rotations
- Maintaining anterior torque
- Initial leveling and aligning
- Arch consolidation and expansion
- Deep and open bite correction
- Retraction of flared, protruding incisors

The R.C.S. Archwires are available in both *Nitanium* and heat-activated *Bio-Kinetix Nitanium*:

### *Nitanium* Super Elastic R.C.S. Archwires

*Nitanium* R.C.S. Archwires provide light-to-moderate, constant forces. These archwires are flexible, and exhibit excellent resiliency. We offer the *Nitanium* R.C.S. Archwires in the following forms:



- **Standard *Nitanium* R.C.S. Archwires:** Most popular “rocking chair” curve with a moderate radius, which provides the maximum retraction efficiency with fewer archwire changes.



- **Straight Leg R.C.S. Archwires:** The anterior portion of the wire has a rocking horse curve and the legs of the wire are flat and level. Straight legs do not toe-in the molar, they help to tilt back molars for anchorage purposes. The wire easily puts curve of spee on the upper arch, and can be used to torque the molars buccally. Intrusion or extrusion of anterior teeth can also be accomplished. When flipped, it can be used to expand the lower arch. This is truly a multi-functional arch!



- **Dimple *Nitanium* R.C.S. Archwires:** Has a shallower radius than our standard R.C.S. Archwire, providing gentle movement and exerting lighter forces when correcting the curve. This wire is also easier to place and has a dimple mid-line to help prevent the wire from sliding.

### Heat-activated *Bio-Kinetix Nitanium* R.C.S.






Thermal *Bio-Kinetix Nitanium* R.C.S. Archwires are heat-activated archwires with shape-memory. These archwires are soft at room temperature for easy ligation and then become fully active in the mouth. The gentle forces remain consistent throughout placement so that placement of the archwire is noticeably more comfortable for the patient. In addition, the superb flexibility reduces the chances for the debonding of the brackets.

Thermal *Bio-Kinetix Nitanium* Archwires are available in the standard *Nitanium* R.C.S. shape that has a moderate radius, and a deeper rocking-chair radius.

# REVERSE CURVE OF SPEE (R.C.S.) ARCHWIRES

NITANIUM SUPER ELASTIC ARCHWIRES 

BIO-KINETIX THERMAL NITANIUM ARCHWIRES 

	Super Elastic Nitium				Bio-Kinetix Thermally Activated Nitium	Cu Nitium 27°C
	 RCS	 RCS Dimpled	 RCS Single Pack	 RCS with Straight Legs	 RCS	 D-LX Archform RCS with Straight Legs
	10/pack	10/pack	Single Pack 5/pack	10/pack	10/pack	Single Pack 5/pack
.014 Upper	100-599	—	—	100-700	—	—
.014 Lower	100-600	—	—	100-701	—	—
.016 Upper	100-601	100-582	—	100-702	100-765	—
.016 Lower	100-602	100-583	—	100-703	100-766	—
.018 Upper	100-603	100-584	—	100-704	—	—
.018 Lower	100-604	100-585	—	100-705	—	—
.020 Upper	—	—	—	100-706	—	—
.020 Lower	—	—	—	100-707	—	—
.016 x .016 Upper	—	—	—	100-708	—	—
.016 x .016 Lower	—	—	—	100-709	—	—
.016 x .022 Upper	100-605	100-590	—	100-710	100-769	—
.016 x .022 Lower	100-606	100-591	—	100-711	100-770	—
.016 x .025 Universal	—	—	—	—	—	103-186
.017 x .025 Upper	100-607	100-592	103-113	100-712	100-771	—
.017 x .025 Lower	100-608	100-593		100-713	100-772	—
.018 x .025 Upper	—	100-594	—	100-714	—	—
.018 x .025 Lower	—	100-595	—	100-715	—	—
.019 x .025 Upper	100-609	100-596	103-114	100-716	—	—
.019 x .025 Lower	100-610	100-597		100-717	—	—

Aesthetic archwires are ideal for use with aesthetic brackets to help provide an invisible appearance of orthodontic appliances. We offer three styles of aesthetic archwires to meet your professional needs: Super Elastic *Nitanium* Tooth Tone Archwires, Stainless Steel Tooth Tone Plastic Coated Archwires, and Micro-Coated *Bio-Kinetix* Thermal Archwires.

#### Super Elastic *Nitanium* Tooth Tone Archwires



Super Elastic *Nitantium* Tooth Tone Plastic Coated Archwires have a plastic, friction-reducing, tooth-colored coating which blends with natural dentition as well as ceramic, plastic, and composite brackets. Stain and crack resistant, the arch maintains its original color over time, and will not crack when deflected or bent.

This archwire displays the same features as non-aesthetic Super Elastic Archwires:

- Moderate, consistent force for efficient tooth movement
- Greater patient comfort during treatment than found with stainless steel archwires
- Excellent resiliency with high flexibility
- Responsive to chilling, 45-60° F (7.2-15.6°C)
- Near consistent force between archwire changes
- Rectangular archwire offers ability to simultaneously level and add torque and rotation earlier in treatment
- Available with a dimple center-mark

#### Micro-Coated *Bio-Kinetix* Thermal Archwires



Now made with a whiter coating...the micro-coated thermal *Nitantium* Archwire's entire width is in metal and only the labial side of the wire is coated in bright white to enhance aesthetics.

Additional benefits of using the Micro-Coated *Bio-Kinetix* Thermally Activated *Nitantium* Archwire:

- Excellent shape integrity and memory for a heat-activated archwire
- Optimum and consistent performance
- Easy ligation at room temperature
- Outstanding resiliency
- Offers slightly lower forces than the *Bio-Kinetix* Plus Thermally Activated *Nitantium* Archwire
- Ideal in helping with significant crowding cases
- Very responsive to chilling which allows patient to subdue discomfort with cold, temperature items
- Low force provides greater patient comfort and helps control torque early in treatment

#### *Pearl Tone*® Preformed Ligature Wires



- Layered with a super smooth non-stick coating
- Brackets glide effortlessly along the archwire
- *Pearl Tone* white in .012" wire diameter

ARCHWIRES



**AESTHETIC ARCHWIRES**

NITANIUM SUPER ELASTIC ARCHWIRES



STAINLESS STEEL SOLID ARCHWIRES



	S.E. NiTi Tooth Tone Plastic Coated Archwires	Stainless Steel Tooth Tone Plastic Coated Archwires	Micro-Coated Bio-Kinetix Thermal Archwires
	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape
	10/pack	10/pack	10/pack

Conversion Table	
Plastic Coated Archwires	Uncoated Archwires
.012	.010
.014	.012
.016	.014
.018	.016
.016 x .022	.014 x .020
.018 x .018	.016 x .016
.018 x .025	.016 x .023
.019 x .025	.017 x .023

.012 Upper	100-878	—	—
.012 Lower	100-879	—	—
.014 Upper	100-880	—	—
.014 Lower	100-881	—	—
.016 Upper	100-882	—	101-854W
.016 Lower	100-883	—	101-855W
.018 Upper	100-884	—	101-856W
.018 Lower	100-885	—	101-857W
.016 x .016 Upper	—	—	101-860W
.016 x .016 Lower	—	—	101-861W
.016 x .022 Upper	100-886	101-174	101-862W
.016 x .022 Lower	100-887	101-175	101-863W
.017 x .025 Upper	—	—	101-864W
.017 x .025 Lower	—	—	101-865W
.018 x .018 Upper	100-887A	—	101-866W
.018 x .018 Lower	100-887B	—	101-867W
.018 x .024 Upper	100-887C	101-176	—
.018 x .024 Lower	100-887D	101-177	—
.018 x .025 Upper	100-888	—	101-868W
.018 x .025 Lower	100-889	—	101-869W
.019 x .025 Upper	100-890	—	101-870W
.019 x .025 Lower	100-891	—	101-871W
.021 x .027 Upper	100-892	101-180	—
.021 x .027 Lower	100-893	101-181	—

## ADJUSTABLE UTILITY ARCHWIRES

Adjustable preformed utility archwires have a convenient 3 mm step-down to fit all situations. Both legs may be adjusted to achieve the desired length. These wires are very popular for use in mixed dentition cases. They are available in three different metals: stainless steel, *Nitanium* Super Elastic, and *Bio-Kinetix* Thermal NiTi.

### Stainless Steel Utility Archwire

An adjustable preformed utility archwire with a 3 mm step-down to fit all situations. Both legs may be adjusted to desired length. Very popular for use in mixed dentition cases.

### *Nitanium* Adjustable Utility Archwire



The *Nitanium* anterior segment and stainless steel posterior segments are joined by inconel tubing which allows for precise adjustments in arch length. The 3 mm step-down allows gentle forces to be applied to anterior teeth. The stainless steel posterior provides the heavier forces required to rotate or upright molars, open or close bites and perform other adjustments. Highly recommended for mixed and adult dentition cases.

- More rapid tooth movement without root resorption
- Relief from pain in closed-bite T.M.J. cases
- Frictionless alignment of upper and lower anteriors
- Reduces chair-and-treatment time
- Allows for use of auxiliary springs
- Easy, rapid mid-line corrections
- Reduces bicuspid extractions

### *Bio-Kinetix* Thermal NiTi Utility Archwire



The *Bio-Kinetix* Utility Arch is identical in design and function to our very popular and successful stainless steel and *Nitanium* Utility arches, but uses an anterior wire that offers lighter continuous *Nitanium* forces from the same wire diameter. The result is an adjustable utility arch with a .016 wire in the anterior, for proper slot engagement, producing light forces similar to that expected from .014 wire. It employs the elastic and shape memory characteristics found in the *Nitanium* Utility arch series, and will provide the same predictable results that have come to be expected from our current utility archwires. All of this delivers a gentle, more forgiving movement, enhancing treatment and patient comfort.


ARCHWIRES

**ADJUSTABLE UTILITY ARCHWIRES**

BIO-KINETIX THERMAL NITANIUM ARCHWIRES 


NITANIUM SUPER ELASTIC ARCHWIRES 


STAINLESS STEEL SOLID ARCHWIRES 

	Stainless Steel	Super Elastic Nitium		Bio-Kinetix Thermally Activated Nitium
	10/pack	5/pack	5/pack	5/pack
Length*	.016 x .016**	.018**	.016 x .016**	.016**
24 mm Lower	—	—	100-279	—
28 mm Lower	100-314	100-273	100-276	100-283
34 mm Upper	100-334	100-274	100-277	100-284
38 mm Upper	100-338	100-275	100-278	100-285
42 mm Upper	100-342	100-275L	100-280	—

**UTILITY ARCHWIRE KIT  
(9 PACKS OF 5) WITH ARCHWIRE RACK  
CATALOG NO. 105-019**

**UTILITY ARCHWIRE STARTER KIT  
(9 PACKS OF 2) WITH ARCHWIRE RACK  
CATALOG NO. 105-019S**

	Super Elastic Nitium		Stainless Steel
	5/pack	5/pack	5/pack
Length*	.018	.016 x .016	.016 x .016
28 mm Lower	5	5	5
34 mm Upper	5	5	5
38 mm Upper	5	5	5

	Super Elastic Nitium		Stainless Steel
	2/pack	2/pack	2/pack
Length*	.018	.016 x .016	.016 x .016
28 mm Lower	2	2	2
34 mm Upper	2	2	2
38 mm Upper	2	2	2

\* Millimeter size is a measurement of anterior arch from one 90° bend to the other 90° bend.  
 \*\* All Utility Archwires have .016" x .016" stainless steel posterior archwires.



## MULTI-STRAND ARCHWIRES

### Nitium Multi-Strand Archwires

The Super Elastic NiTi Braid 8 Archwire is an eight-strand super elastic nitinol wire with great flexibility and low stiffness. The Super Elastic NiTi Braid 8 Archwire may be used in the initial stages of treatment to gently level and align while providing torque control with full slot engagement. This wire is also effective in the later stages of treatment by holding the desired torque, but providing additional vertical correction to finish your case.

### Stainless Steel Multi-Strand Archwires

We offer three versions of stainless steel multi-strand, preformed archwires: twist archwire — three strands, coaxial archwire — six strands, and braided archwire — eight strands.

#### Stainless Steel Twist Archwires — Three Strands



This archwire is three fine, round twisted strands that form a single wire.

This wire provides:

- Gentle leveling during early-treatment stages
- Greater deflection before elastic limit is reached
- No fraying when cut
- Bright surface finish
- Moderate force, but drops quickly as teeth move
- Moderate resiliency; measurably better than solid stainless steel wire

#### Stainless Steel Coaxial Archwires — Six Strands

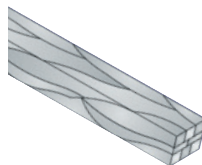


This archwire consists of five equal-size wires wrapped around a single, same-size core wire.

This wire provides:

- Good resilience, allowing bends to a greater degree than ordinary twist archwire
- A great archwire for the initial treatment stage — good for initial alignment
- Bright finish
- Low to moderate forces
- Short activation time, forces drop quickly as teeth move

#### Stainless Steel Braided Archwires — Eight Strands



This archwire consists of eight fine, equal-sized Type 302SS wires braided tightly and rolled to the most popular square and rectangle wire sizes. This wire provides the following:

- Super resiliency allowing for early application in treatment
- Fills edgewise slot while offering torque control
- Excellent archwire to use when transitioning from round to rectangular shape
- Easy to ligate
- Low forces
- Does not fray when cut
- Great for aligning and for finishing
- Rectangle wires can be used for added torque control







The Twist and Coaxial Archwires are available in straight length, which can be used for retainers and lingual arches. The precision formed wires can be cut without unraveling. Retainer wires are medium/hard temper to facilitate forming retainers and lingual arches.

ARCHWIRES

**MULTI-STRAND ARCHWIRES**

NITANIUM SUPER ELASTIC ARCHWIRES

STAINLESS STEEL TWIST, COAXIAL, AND BRAIDED (3, 6, 8 STRANDS) ARCHWIRES

	Super Elastic NiTi Braid 8	Stainless Steel Twist Archwires (3 Strands)				Stainless Steel Coaxial Archwires (6 strands)				Stainless Steel Braided Archwires (8 strands)	
		 Pro Form Arch Shape	 Pro Form Arch Shape	 Standard Arch Shape	 14" Straight	 Pro Form Arch Shape	 Standard Arch Shape	 Spoiled	 14" Straight	 Pro Form Arch Shape	 Standard Arch Shape
	10/pack	20/pk Round 10/pk Square	20/pack	20/pack	20/pack	20/pack	30'	20/pack	10/pack	10/pack	
.015 Upper	—	100-301	100-201	100-208	100-351	100-251	100-358	100-258	—	—	
.015 Lower	—	100-302			100-352				—	—	
.0175 Upper	—	100-303	100-202	100-209	100-353	100-252	100-359	100-259	—	—	
.0175 Lower	—	100-304			100-354				—	—	
.0195 Upper	—	100-305	100-203	100-210	100-355	—	100-360	100-260	—	—	
.0195 Lower	—	100-306			100-356				—	—	
.0215 Upper	—	—	—	100-211	—	—	—	—	—	—	
.0215 Lower	—	—	—		—	—	—	—	—	—	
.016 x .016 Upper	—	—	—	—	—	—	—	—	100-380	100-370	
.016 x .016 Lower	—	—	—	—	—	—	—	—	100-381		
.016 x .022 Upper	—	100-231	—	—	—	—	—	—	100-382	100-371	
.016 x .022 Lower	—	100-232	—	—	—	—	—	—	100-383		
.017 x .025 Upper	100-376	100-234	—	—	—	—	—	—	100-384	100-372	
.017 x .025 Lower	100-377	100-235	—	—	—	—	—	—	100-385		
.018 x .025 Upper	—	—	—	—	—	—	—	—	100-386	100-373	
.018 x .025 Lower	—	—	—	—	—	—	—	—	100-387		
.019 x .025 Upper	—	—	—	—	—	—	—	—	100-388	100-374	
.019 x .025 Lower	—	—	—	—	—	—	—	—	100-389		
.021 x .025 Upper	100-378	—	—	—	—	—	—	—	100-390	—	
.021 x .025 Lower	100-379	—	—	—	—	—	—	—	100-391	—	

## STAINLESS STEEL ARCHWIRES

Stainless steel archwires are specifically designed for use with the Straight Archwire Technique. Stainless steel archwires may be used throughout the entire treatment, but are best suited for mid-to-late stages of treatment. A special alloy in the archwire provides maximum spring while minimizing fracturing.

### Stainless Steel Archwires are:



- Pre-heat treated
- Excellent for use with all orthodontic/orthopedic techniques
- Available in two finishes: bright or gold
- Available straight or in four different arch forms to accommodate all your preferences
- Straight 14" length diamond drawn to exact tolerances for optimal resilience for every orthodontic application
- Excellent working characteristics, accepts severe bends with minimal fracturing, and is easily soldered

### Etched Mid lines for arches:

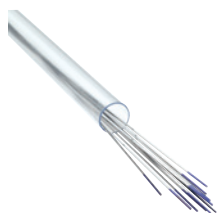
- Upper — 3 black marks
- Lower — 1 black mark

### Australian Super Plus Archwires



Features high strength and spring back with improved bending quality. This wire is ideal for high-force applications.

### Ortholoy-Blue Straight Archwires












Ortholoy-Blue heat treatable archwires are available in blue temper (the softest, most popular temper). This archwire may be used "as is," welded with low heat, or soldered. Besides uses for welding and soldering, utilize this archwire when considerable bending is required because it will not fracture. Excellent for use with edgewise arches, lingual arches, retainers, and removable appliances.

ARCHWIRES









**STAINLESS STEEL ARCHWIRES**

STAINLESS STEEL SOLID ARCHWIRES  

	Stainless Steel - Golden Archwires	Stainless Steel - Bright Archwires					Australian Super Plus Archwires	Ortholoy-Blue	
		 Pro Form Arch Shape	 Pro Form Arch Shape	 Oval Arch Form III Shape	 Standard Arch Shape	 Andrews <sup>2</sup> Arch Form	 14" Straight	 Spooled	 14" Straight
	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	Single Pack 10/pack	20/Pack Round 10/pack Square	25'	20/pack Round 10/pack Square	
.012 Upper	100-120	100-160	—	—	—	100-012	—	—	
.012 Lower	100-121	100-161	—	—	—		—	—	
.014 Upper	100-100	100-140	101-402	100-544	112-100	100-014	107-120	—	
.014 Lower	100-110	100-150	101-403	100-545	112-101			—	
.016 Upper	100-101	100-141	101-404	100-546	112-102	100-016	107-121	—	
.016 Lower	100-111	100-151	101-405	100-547	112-103			—	
.018 Upper	100-102	100-142	101-406	100-548	112-104	100-018	107-122	—	
.018 Lower	100-112	100-152	101-407	100-549	112-105			—	
.020 Upper	100-103	100-143	101-408	100-550	—	100-020	107-123	—	
.020 Lower	100-113	100-153	101-409	100-551	—			—	
.022 Upper	—	—	—	—	—	100-022	—	—	
.022 Lower	—	—	—	—	—		—	—	
.025	—	—	—	—	—	100-025	—	—	
.028	—	—	—	—	—	100-028	—	—	
.030	—	—	—	—	—	100-030	—	100-067	
.032	—	—	—	—	—	100-032	—	100-068	
.036	—	—	—	—	—	100-036	—	100-069	
.040	—	—	—	—	—	100-040	—	—	
.045	—	—	—	—	—	100-045	—	—	
.016 x .016 Upper	—	—	—	—	—	—	—	100-080	
.016 x .016 Lower	—	—	—	—	—	—	—		
.016 x .022 Upper	—	—	—	—	—	—	—	100-081	
.016 x .022 Lower	—	—	—	—	—	—	—		

## STAINLESS STEEL ARCHWIRES CONTINUED

## STAINLESS STEEL SOLID ARCHWIRES

	Stainless Steel - Golden Archwires	Stainless Steel - Bright Archwires					Ortholoy-Blue	
		 Pro Form Arch Shape	 Pro Form Arch Shape	 Oval Arch Form III Shape	 Standard Arch Shape	 D-LX Shape Universal (Damon Shape)	 14" Straight	 Andrews <sup>2</sup> Arch Form
	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	50/pack Round 10/pack Square	Single Pack 10/pack	20/pack Round 10/pack Square	Single Pack 10/pack	
.016 x .016 Upper	100-104	100-144	101-410	100-553	—	100-046	—	
.016 x .016 Lower	100-114	100-154	101-411	100-554	—		—	
.016 x .022 Upper	100-105	100-145	101-412	100-555	—	100-047	—	
.016 x .022 Lower	100-115	100-155	101-413	100-556	—		—	
.016 x .025 Upper	—	—	—	—	103-115	—	—	
.016 x .025 Lower	—	—	—	—		—	—	
.017 x .017 Upper	100-105B	—	—	—	—	—	—	
.017 x .017 Lower	100-115B	—	—	—	—	—	—	
.017 x .025 Upper	100-106	100-146	101-414	100-557	103-116	100-049	—	
.017 x .025 Lower	100-116	100-156	101-415	100-558			—	—
.018 x .018 Upper	100-106B	—	101-416	—	—	—	—	
.018 x .018 Lower	100-116B	—	101-417	—	—	—	—	
.018 x .025 Upper	100-107	100-147	101-418	100-559	—	100-051	112-172	
.018 x .025 Lower	100-117	100-157	101-419	100-560	—		112-173	
.019 x .025 Upper	100-108	100-148	101-420	100-561	103-117	100-052	—	
.019 x .025 Lower	100-118	100-158	101-421	100-562			—	—
.021 x .025 Upper	100-109	100-149	101-422	100-563	—	100-053	—	
.021 x .025 Lower	100-119	100-159	101-423	100-564	—		—	
.022 x .016 Upper	100-122	—	—	—	—	—	—	
.022 x .016 Lower	100-123	—	—	—	—	—	—	

ARCHWIRES

**SPECIALTY ARCHWIRES/MUSHROOM LOOPED CNA SUPER ELASTIC NITANIUM ARCHWIRES**

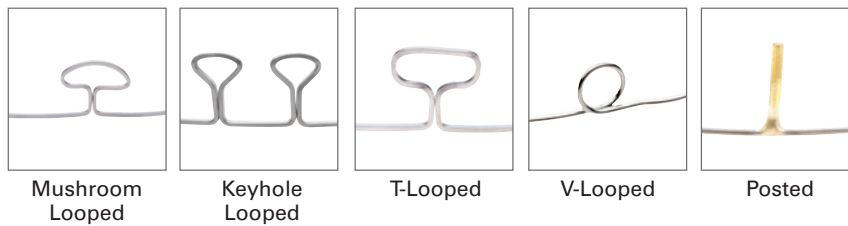
STAINLESS STEEL ARCHWIRES 





CNA BETA III ARCHWIRES 

**SPECIALTY ARCHWIRES**

Excellent for use during:

- Closing of space
- Arch aligning
- Anterior intrusion
- Retractions
- Anterior retraction
- Elastic engagement



			
	5/pack	5/pack	5/pack
Length*	.016 x .022	.017 x .025	.019 x .025
Kit (36 wires & storage rack included)	106-400	106-420	106-440
24 mm	106-402	106-422	106-442
26 mm	106-403	106-423	106-443
28 mm	106-404	106-424	106-444
30 mm	106-405	106-425	106-445
32 mm	106-406	106-426	106-446
34 mm	106-407	106-427	106-447
36 mm	106-408	106-428	106-448
38 mm	106-409	106-429	106-449
40 mm	106-410	106-430	106-450
52 mm	106-416	106-436	106-456
56 mm	106-418	106-438	106-458

The *Mushroom Looped* Archwire is made of CNA Beta III Nickel-Free Wire, which is an advanced special-memory alloy material. The *Mushroom Looped* Archwire has an improved loop shape which increases the efficiency of space closure, anterior intrusion, retraction, and elastic engagement. In addition, the rounded gingival portion of the loop, unlike the traditional T-Looped and similar archwires, is more anatomically shaped resulting in a tissue friendly appliance. Therefore, you will find an increase in patient comfort and satisfaction. We recommend using sizes 24 mm to 40 mm for loop activation between the lateral and cuspid; use sizes 52 mm and 56 mm for loop activation between the cuspid and bicuspid. The *Mushroom Looped* Archwire is available in two packaging options: packs of 5 or in a kit (4 each of size 24 mm to 40 mm: 36 total).

**Product features:**

- Nickel-Free Beta Titanium
- Bendable
- Smooth, polished surface
- Lower force
- Larger activation range
- Gradual force decay

**Treatment benefits:**

- Space closure
- Provides anterior intrusion/retraction
- Allows torque or root movement of incisors
- Control of root position of posterior teeth
- Pre-formed loops and consistent force reduce chair time
- Archwire segments can be activated independently

\* Millimeter size is an inside measurement around arch form between loops.

## KEYHOLE LOOPED STAINLESS STEEL ARCHWIRES

## STAINLESS STEEL SOLID ARCHWIRES

	Twin (2) Loop Design			Quad (4) Loop Design		
		 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape
	10/pack	10/pack	10/pack	10/pack	10/pack	10/pack
Length*	.016 x .022	.017 x .025	.019 x .025	.016 x .022	.017 x .025	.019 x .025
Kit (100 wires & storage rack included)	125-120	125-140	125-180	126-120	126-140	126-180
22 mm	125-121	125-141	125-181	126-121	126-141	126-181
24 mm	125-122	125-142	125-182	126-122	126-142	126-182
26 mm	125-123	125-143	125-183	126-123	126-143	126-183
28 mm	125-124	125-144	125-184	126-124	126-144	126-184
30 mm	125-125	125-145	125-185	126-125	126-145	126-185
32 mm	125-126	125-146	125-186	126-126	126-146	126-186
34 mm	125-127	125-147	125-187	126-127	126-147	126-187
36 mm	125-128	125-148	125-188	126-128	126-148	126-188
38 mm	125-129	125-149	125-189	126-129	126-149	126-189
40 mm	125-130	125-150	125-190	126-130	126-150	126-190
42 mm	125-131	125-151	125-191	126-131	126-151	126-191
44 mm	125-132	125-152	125-192	126-132	126-152	126-192

Our Keyhole Looped Stainless Steel Archwires are used to gently close spaces with the ideal stiffness to maintain arch form.

This wire is available in two millimeter increments from 22 mm to 44 mm, with two or four Keyhole Loops, as well as a kit containing 100 assorted sizes.

- Versatile in closing spaces, retractions, and arch alignment
- Used in sliding mechanics for extraction space closure and in non-extraction Class II cases
- Available in twin (2) looped design and in quad (4) looped design
- Available in kits “balanced size” of 100 archwires
- Also available in individual packs of 10 archwires





\* Millimeter size is an inside measurement around arch form between loops.





## T-LOOPED STAINLESS STEEL ARCHWIRES

## V-LOOPED WITH CUSPID OFFSET HIGH-TENSILE STAINLESS STEEL ARCHWIRES

STAINLESS STEEL SOLID ARCHWIRES 

		 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape
		10/pack	10/pack	10/pack
Length*		.016 x .022	.017 x .025	.019 x .025
Kit (60 wires & storage rack included)		125-300	125-320	125-360
24 mm		125-302	125-322	125-362
26 mm		125-303	125-323	125-363
28 mm		125-304	125-324	125-364
30 mm		125-305	125-325	125-365
32 mm		125-306	125-326	125-366
34 mm		125-307	125-327	125-367
36 mm		125-308	125-328	125-368
38 mm		125-309	125-329	125-369
40 mm		125-310	125-330	125-370
42 mm		125-311	125-331	125-371
44 mm		125-312	125-332	125-372
46 mm		125-313	125-333	125-373

These archwires increase the efficiency of space closure, retraction, and elastic engagement.

		
		5/pack
Length*		.016
Kit**		107-151
22 mm		107-146
24 mm		107-147
26 mm		107-148
28 mm		107-149
30 mm		107-152
32 mm		107-153
34 mm		107-154
36 mm		107-155
38 mm		107-156
40 mm		107-157
42 mm		107-158
44 mm		107-159

The V-Looped Archwire is made of high-tensile, stainless steel with similar properties of the Australian Wires.

- Versatile in closing open bites, space closure, retraction, and elastic engagement
- Great for use with our *Tip-Edge* Rx-1 Brackets and our *Coralex* Brackets
- Available in kits "balanced size" of 24 archwires
- Available in individual packs of 5 archwires
- Also available in two millimeter increments from 22 mm to 44 mm

\*\* Kit includes:

- 1 Rack (Catalog No. 120-000)
- 1 Rack Cover (Catalog No. 120-006MC)
- 1 White Flexible Ruler (Catalog No. 120-022)
- 2 of Each Archwire: 22 mm to 44 mm (24 Archwires)

## POSTED STAINLESS STEEL ARCHWIRES

## STAINLESS STEEL SOLID ARCHWIRES

	Stainless Steel Solid Archwires									Ortholy-Blue
	 Andrews <sup>2</sup> Arch Form	 Andrews <sup>2</sup> Arch Form	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Pro Form Arch Shape	 Andrews <sup>2</sup> Arch Form	
	Single Pack 10/pack	Single Pack 10/pack	10/pack	10/pack	10/pack	10/pack	10/pack	10/pack	10/pack	Single Pack 10/pack
Length*	.016	.018	.018	.020	.016 x .022	.017 x .025	.018 x .025	.019 x .025	.018 x .025	
22 mm Lower	—	—	112-022	113-022	114-022	121-022	117-022	111-022	—	—
24 mm Lower	112-107	112-109	112-024	113-024	114-024	121-024	117-024	111-024	112-175	—
26 mm Lower	—	—	112-026	113-026	114-026	121-026	117-026	111-026	—	—
28 mm Lower	112-117	112-119	112-028	113-028	114-028	121-028	117-028	111-028	112-179	—
30 mm Lower	—	—	112-030	113-030	114-030	121-030	117-030	111-030	—	—
32 mm Upper	—	—	102-032	103-032	104-032	121-032	107-032	101-032	—	—
32 mm Lower	112-127	112-129	—	—	—	—	—	—	—	112-183
33 mm Upper	112-106	112-108	—	—	—	—	—	—	—	112-174
34 mm Upper	—	—	102-034	103-034	104-034	121-034	107-034	101-034	—	—
36 mm Upper	—	—	102-036	103-036	104-036	121-036	107-036	101-036	—	—
37 mm Upper	112-116	112-118	—	—	—	—	—	—	—	112-178
38 mm Upper	—	—	102-038	103-038	104-038	121-038	107-038	101-038	—	—
40 mm Upper	—	—	102-040	103-040	104-040	121-040	107-040	101-040	—	—
41 mm Upper	112-126	112-128	—	—	—	—	—	—	—	112-182
42 mm Upper	—	—	102-042	103-042	104-042	121-042	107-042	101-042	—	—
44 mm Upper	—	—	102-044	103-044	104-044	121-044	107-044	101-044	—	—

**Posted Archwire Kits**  
12 assorted sizes in each kit (does not include rack)

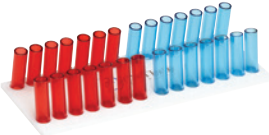
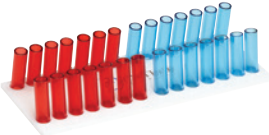
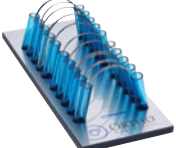

Diameter	Catalog No.
.018 Kit (46 wires)	102-099
.020 Kit (29 wires)	103-099
.016 x .022 Kit (30 wires)	104-099
.017 x .025 Kit (36 wires)	121-099
.018 x .025 Kit (49 wires)	107-099
.019 x .025 Kit (36 wires)	101-099

Posted stainless steel archwires have extra strong, soldered joints and pliable brass posts for ease of adjustment. These archwires assist in retraction of anterior teeth and consolidation of space.

- Assorted sizes to fit all situations
- Excellent for use with elastics and springs
- Uniform post placement
- Available in kits or individual packs



\* Millimeter size is an inside measurement around arch form between loops.

# ARCHWIRE RACKS AND COVERS

ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Display Racks for Preformed Archwires*</b> All archwire racks come with self-stick archwire size decals. These archwire racks are excellent organizers for chairside use.</p>	
	<p><b>Molded Archwire Rack Cover</b> 4½" L x 10" W x 3½" H This cover fits the following Archwire Racks: Cat. Nos. 120-000, 120-003, 120-004 Note: Rack and archwires are not included.</p>	120-006MC
	<p><b>White Display Rack</b> 4" L x 9½" W x 2⅞" H 14 rows of storage tubes. May order optional clear cover, Cat. No. 120-006MC</p>	120-000
	<p><b>Titanium Display Rack</b> 4" L x 9½" W x 2⅞" H Silver acrylic base with 10 rows. May order optional clear cover, Cat. No. 120-006MC</p>	120-004
	<p><b>Display Racks for Posted Archwires*</b> All archwire racks come with self-stick archwire size decals.</p> <p><b>Master Posted Rack</b> (Shown with Cover) 14½" L x 9" W x 1¼" H Accommodates three rows of posted archwires and one row of regular <i>Pro Form</i> archwires. (Total of 48 slots) White acrylic base.</p>	120-002
	<p><b>Master Clear Cover</b> (As shown) 14½" L x 9" W x 3⅞" H</p>	120-012
	<p><b>Small Posted Rack</b> 4" L x 9½" W x 2⅞" H Base is numbered 22 through 44 to accommodate a full set of posted wires, and includes 12 rows for storage. May order optional clear cover, Cat. No. 120-006MC</p>	120-003
	<p><b>Covered Small Posted Rack</b> 4¼" L x 10" W x 3½" H Base is numbered 22 through 44 to accommodate a full set of posted wires, and includes 14 rows for storage. The hinged, clear lid keeps archwires sanitary and dust free.</p>	120-003C


\*Archwires shown are not included.

## ARCHWIRE RACKS AND COVERS

ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Archwire Box Organizer*</b></p> <p>Our premier archwire box organizer, is specifically designed to hold our <i>D-LX</i> Arch Form boxes, but can also accommodate our regular archwire envelopes. The modern, reflective silver finish hides finger prints and fits well with the many other metal finishes in an office. It holds up to 12 boxes and can either sit on a counter top or be mounted to a wall. 3<math>\frac{3}{8}</math>" L x 7<math>\frac{3}{4}</math>" W x 8<math>\frac{7}{8}</math>" H</p> <p><small>*Archwires shown are not included.</small></p>	120-018
	<p><b>Designer Archwire Racks*</b></p> <p>Constructed from formed clear acrylic that has a translucent green edge giving them the look of designer glass. These racks have tubes mounted inside the structure to hold the archwires. Tubes are divided into red and blue to easily separate upper and lower wires.</p> <p><b>Large Archwire Rack</b> 4<math>\frac{1}{4}</math>" L x 9<math>\frac{1}{2}</math>" W x 2<math>\frac{1}{4}</math>" H Rack includes 14 rows for storage.</p> <p><b>Small Archwire Rack</b> 4<math>\frac{1}{4}</math>" L x 4<math>\frac{1}{4}</math>" W x 2<math>\frac{1}{4}</math>" H Rack includes 6 rows for storage.</p> <p><b>Deluxe Archwire Rack</b> 4" L x 10" W x 4" H Compact in size, yet aesthetically pleasing. The rack fits either standard or <i>Pro Form</i> archwire shapes, and includes 14 rows for storage. The hinged, clear lid keeps archwires sanitary and dust free.</p> <p><b>Covered Utility Archwire Rack</b> 4<math>\frac{1}{2}</math>" L x 10" W x 3<math>\frac{1}{2}</math>" H Rack includes 13 rows for storage and each row is color-coded to specify the archwire type: stainless steel, <i>Nitanium</i> (round), and <i>Nitanium</i> (rectangular). This allows for quick and easy identification of the archwires. The hinged, clear lid keeps archwires sanitary and dust free.</p>	<p>120-009</p> <p>120-008</p> <p>120-005</p> <p>120-007</p>

\*Archwires shown are not included.







## CRIMPABLE HOOKS AND STOPS

ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Carriere Cu Nitantium Archwires with the Innovative EZ Stops System</b>                      This new crimpable archwire stop delivery system provides smooth positioning. The unique holder allows clinicians to quickly position the tube stop in a precise location for crimping on the archwire. Threading a crimpable tube stop onto an archwire is quick and easy. No more lost stops!</p> <p>EZ Stops Small (.019"), Qty 20                      EZ Stops Large (.030"), Qty 20</p>	<p>430-101                      430-102</p>
	<p><b>Crimpable Archwire Hooks</b>                      Precision-MIM crimpable hooks are easily crimped onto archwire for precise placement in or outside of the mouth. Crimp tubes create a strong, non-sliding lock with the archwire and remain firmly-in-place during treatment. Ball hook may be bent for right or left applications. All hooks fit round or rectangular archwires up to .018 x .025.</p> <p>Crimpable Archwire Ball Hooks (20 per pack)                      Crimpable Archwire Power Hooks – Right (20 per pack)                      Crimpable Archwire Power Hooks – Left (20 per pack)                      Hook Crimping Pliers (Straight) see page 237                      Hook Crimping Pliers (Angled) see page 237</p>	<p>430-010                      430-015                      430-016                      201-435                      201-436</p>
	<p><b>Crimpable Archwire Tubes with Hooks</b>                      Crimpable Archwire Tubes provide a firm anchor point for a variety of applications. May be positioned anywhere on an archwire by threading the archwire through the tube before engaging the brackets. The tube can then be locked securely into position by crimping it with How Pliers or a dull archwire cutter. (10 per pack)</p> <p>.017 x .025 Crimpable Tubes                      .019 x .025 Crimpable Tubes</p>	<p>430-022                      430-023</p>
	<p><b>Archwire Stop Lock</b>                      Ideal for adjustable or tie-back stop applications, spring activation, or for prevention of archwire migration. May be fixed firmly in place by positioning the slotted bolt over the archwire and then tightening the nut – using the Double-Sided Archwire Stop Lock Wrench Cat. No. 430-036 (sold separately). (5 per pack)</p> <p>.022 Archwire Stop Lock                      .036 Archwire Stop Lock</p>	<p>430-032                      430-033</p>
	<p><b>Archwire Stop Lock with Hook</b>                      Ideal for anchorage, placement of elastics or springs, and traction applications. Use Double-Sided Archwire Stop Lock Wrench to lock in place PN 430-036 (sold separately). (5 per pack)</p> <p>Rights                      Lefts</p>	<p>430-034                      430-035</p>

## CRIMPABLE HOOKS AND STOPS / LIGATURE WIRES

ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Double-Sided Archwire Stop Lock Wrench</b> Use for application of stop lock and stop lock with hook</p>	430-036
	<p><b>MIM Crimp Stop</b> Our MIM Crimp Stop may be placed anywhere on an archwire to limit tooth movement or maintain proper archwire positioning. For use with round or rectangular archwire up to .021 x .025. (10 per pack)</p>	430-020
	<p><b>Micro-Stop</b> Use the Micro-Stop to limit movement or provide anchorage. Thread the product through the archwire to the desired location and crimp with a dull cutter, Weingart Pliers or most any other holding pliers. The small size makes these comfortable for the patient while also being inconspicuous. Available in two sizes. (25 per pack)</p> <p>Small - Fits round wires up to .018" Large - Fits square wire up to .020" x .020" and rectangular wire up to .016" x .025"</p>	430-040 430-041
	<p><b>Pearl Tone Preformed Ligature Wires</b> Layered with a super smooth non-stick coating. Brackets glide effortlessly along the archwire. Pearl tone white in .012 wire diameter. (100 per pack)</p>	100-420
	<p><b>Ligature Rotation Wedge</b> Simply ligate this .090 elastomeric wedge under archwire to correct rotations. The .012 ligature wire and clear wedge are threaded together. (25 per pack)</p>	100-406
	<p><b>Shorty Ligature Twists</b> Made from dead-soft stainless steel wire, these time saving preformed ligatures have ends that are already twisted for quick and easy placement. They fit Shorty Twist Holders or Mathieu Needle Holders. (500 per pack)</p> <p>.010 Shorty Ligature Twists .012 Shorty Ligature Twists</p>	100-412 100-412B

**LIGATURE WIRES**

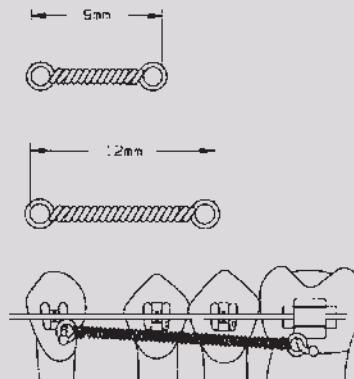
ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Preformed Ligature Wires</b> Dead soft temper for maximum workability. Preformed to save valuable chair time. (1000 per pack)</p> <p>.009 Preformed Ligature Wire .010 Preformed Ligature Wire .011 Preformed Ligature Wire .012 Preformed Ligature Wire</p>	<p><b>100-401</b> <b>100-402</b> <b>100-403</b> <b>100-407</b></p>
	<p><b>Kobayashi Ligature Tie Hooks</b> Wire is spot-welded together to form a hook. May be quickly tied in place in the same manner as the ligature wire. (100 per pack)</p> <p>.012 Kobayashi Hooks .014 Kobayashi Hooks</p>	<p><b>100-405</b> <b>100-404</b></p>
	<p><b>Shorty Koby Twists</b> Preformed .012 and .014 dead soft stainless steel ligature wire features twisted ends for rapid engaging and tying for quick placement. Fits Shorty Twist Holder or Mathieu Needle Holder. (100 per pack)</p> <p>.012 Shorty Koby Twists .014 Shorty Koby Twists</p>	<p><b>100-413</b> <b>100-414</b></p>
	<p><b>Shorty Twist Holder</b> Precision-made stainless steel holder. Allows simple insertion and locking of Shorty Ligature Twists or Shorty Koby Twists. Round body aids in spinning ligature ends for a tight, positive fit.</p> 	<p><b>200-428</b></p>
	<p><b>Spooled Dead Soft Ligature Wire</b> Dead soft ligature wire comes in an economical 1 pound spool for doctors who prefer to fabricate their own ligatures. Available in a bright finish. (1 pound spool)</p> <p>.009 Spooled Ligature Wire .010 Spooled Ligature Wire .011 Spooled Ligature Wire</p>	<p><b>100-416</b> <b>100-417</b> <b>100-418</b></p>

# NITANIUM SPRINGS

## Applications for Individual Components

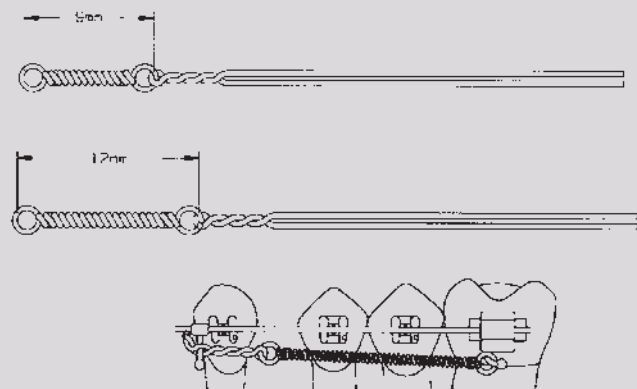
### Nitium Closing Springs

Excellent for closing spaces and anterior retraction.  
Easily engaged to bracket hook, buccal tube hook,  
sliding hook, or posted wire hook.



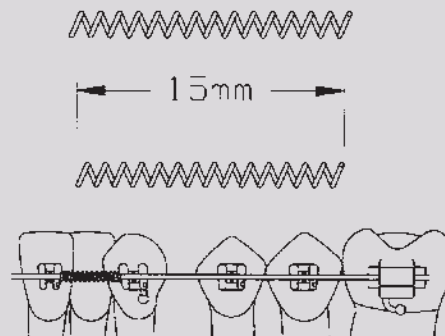
### Nitium Ligature Closing Springs

When distance between two hooks exceeds  
expansion limitation of this coil spring,  
use ligature closing spring to engage hooks.






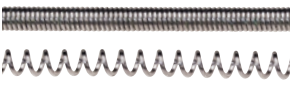

### Nitium Open Coil Springs

Provides constant force for maximum  
efficiency in opening space when placed  
on wire compressed between two brackets.





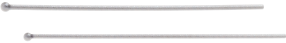
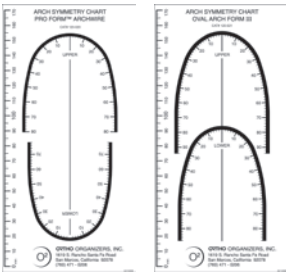






ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Nitium 15" Spooled Open Coil Spring</b> Open coil springs provide constant tooth movement, yet are gentle for patients because they are made of super-elastic material. Maximum efficiency in opening spaces when placed on archwire and compressed between brackets. (15" spool)</p> <p>.009 x .030 Open (inner dia.) .010 x .030 Open (inner dia.) .012 x .030 Open (inner dia.) .014 x .030 Open (inner dia.) .010 x .036 Open (inner dia.) .014 x .036 Open (inner dia.) .010 x .045 Open (inner dia.) .012 x .045 Open (inner dia.)</p>	<p>100-750 100-751 100-752 100-753 100-754 100-755 100-756 100-757</p>
	<p><b>Nitium 7" Length Open Coil Spring</b> This spring can be deflected twice its original length without taking a permanent set. Open coil springs provide constant tooth movement, yet are gentle for patients because they are made of super-elastic material. Provides maximum efficiency in opening or closing spaces when placed on archwire and compressed between two brackets. (3 per pack)</p> <p>.010 x .030 Open (inner dia.) .010 x .036 Open (inner dia.) .014 x .036 Open (inner dia.)</p>	<p>100-643 100-644 100-642</p>
	<p><b>Nitium Molar Distalizing Spring</b> Super-elastic .010 x .045 springs provide 100 grams of continuous force. They fit directly over an archwire when distalizing molars. The spring attaches to hooks for canine/anterior retraction and can be customized to replace Class II elastics. 7" length, 2 per pack, .010 x .045</p>	<p>100-647</p>
	<p><b>Spooled 3" Open Coil Spring and Closed Coil Spring</b> Coiled spring is made from stainless steel hard, tempered wire that provides maximum efficiency in opening or closing space. May be placed on wire and between brackets. (3' spool)</p> <p>.010 x .030 Open Coil Spring .010 x .036 Open Coil Spring .010 x .045 Open Coil Spring .007 x .025 Open Coil Spring .009 x .040 Open Coil Spring .010 x .030 Closed Coil Spring</p>	<p>106-040 106-050 108-105 108-138 108-104 106-060</p>
	<p><b>Pletcher Tension Springs</b> .012 x .030 Reverse loop slips over distal end of archwire or molar hook; free end attaches wherever desired. Provides constant positive tension. May be used with <i>Pro Form</i> Posted Arches. (50 per pack)</p>	<p>106-010</p>

WIRE PRODUCTS AND AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Nitanium Separating Springs</b> Provide a light consistent force for optimum space opening in minimum time. Offer maximum patient comfort. They are easy to place and self-seating. Plus the springs are simple to remove once sufficient space for banding is achieved. (20 per pack)</p>  <p style="text-align: right;">Small (Bicuspids) Large (Molars)</p>	<p>100-690 100-691</p>
	<p><b>Preformed Brass Separating Wire</b> Time saving preformed design allows for rapid placement. Flat end permits easy insertion from lingual to buccal with extra extension for twisting. Use Mathieu Needle Holder Cat. No. 201-101 for best results. (100 per pack)</p> <p>.020 Brass Separating Wire .025 Brass Separating Wire</p>	<p>105-020 105-025</p>
	<p><b>Australian Super Plus Archwire</b> Features high strength and spring back with improved bending quality. This wire is ideal for high-force applications. (25' Roll)</p> <p>.014 Super Plus Archwire .016 Super Plus Archwire .018 Super Plus Archwire .020 Super Plus Archwire</p>	<p>107-120 107-121 107-122 107-123</p>
	<p><b>Ball Clasp</b> Smooth, round ballhead clasp with retainer wire assists in retention of removable appliances. Ball is twice the diameter of wire. Stress relieved without brittleness. (100 per pack)</p> <p>.028 Ball Clasp (wire .052) .032 Ball Clasp (wire .060)</p>	<p>032-050 032-051</p>
	<p><b>Pro Form and Oval Arch Form III Clear Archwire Templates</b> Each template shows the upper and lower arch shape for <i>Pro Form</i> or <i>Oval Arch Form III</i> archwires. Millimeter markings along the arches start at 0 at each centerline and increase to the highest measurement at the posterior of the arch shape. Each template also features a straight millimeter ruler down the side. (1 per pack)</p> <p><i>Pro Form</i> Template - 3½" L x 7" W <i>Oval Arch Form III</i> Template - 3½" L x 7" W</p>	<p>120-020 120-021</p>

## WIRE PRODUCTS AND AUXILIARIES

ITEM	DESCRIPTION	CATALOG NO.
	<p><b>Double-Sided Archwire Stop Lock Wrench</b> Use for application of stop lock and stop lock with hook</p> 	430-036
	<p><b>Shorty Twist Holder</b> Precision-made stainless steel holder. Allows simple insertion and locking of Shorty Ligature Twists or Shorty Koby Twists. Round body aids in spinning ligature ends for a tight, positive fit.</p> 	200-428
	<p><b>Adjustable Sliding Yoke</b> Fully adjustable and easily sized to required length. Useful for distally driving molars or bicuspid, or maintaining molar anchorage. (10 per pack)</p> 	106-210
	<p><b>Silver Solder Paste with Flux</b> Finely ground with uniform consistency to enhance soldering of appliances. Easy to apply for maximum strength of solder joint. Bright finish joint applications. Six month shelf life may be lengthened with refrigeration. (1 oz jar)</p>	600-150
	<p><b>Heat Shield</b> Virtually eliminates heat transfer and flame damage during lab fabrication and repairs. Apply gel-like material to desired area to minimize heat conduction. (2 oz tube)</p>	600-121
	<p><b>Ortho Freez*</b> Chills thermal wire making it flexible and easy to place (10 oz can)</p>  <p>* Ground shipment recommended – This product is classified as hazardous material as per the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. Extra shipping charges may apply.</p>	100-788