



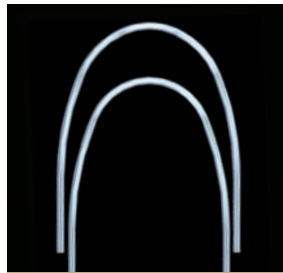
Archwires

Archwire Selection Guide



Pro Form™

Specifically designed for use with Straight Arch Wire technique.



Oval Arch Form III™

More narrow and oval in shape than our Pro Form™ archwire. Offers variety in natural arch form archwire. Patient anatomy varies, allowing the doctor to select archwires that more closely match each patient's needs. Available in stainless steel, bright and Nitanium® in most popular sizes.

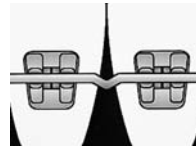


Standard

Each arch carefully shaped to average maxillary and mandibular size.



CIA™ Nitanium® Intrusion/Extrusion Arch
Preformed Intrusion Arch. Application: opening the bite, anterior intrusion or extrusion, anterior cant correction, molar anchorage preparation, distal molar tip back and Class II correction.



Dimpled S.E (Super-Elastic) Nitanium®
Dimpled at midline, prevents archwire migration and rotation during leveling and aligning. Application: leveling and aligning in most cases with round wire. Can be used in intermediate stages as well. Early torque control with rectangular wire.



CNA™ Beta III
Improved TMA* alternative, Nickel-Lite. Application: leveling and aligning in mild cases, maintains torque and rotation control in intermediate and finishing. Excellent for detailing, accepts 1st, 2nd and 3rd order bends.



Stainless Steel
Application: leveling and aligning with small round wires. Maintains torque and rotation control in intermediate and finishing. Excellent for detailing, accepts 1st, 2nd, and 3rd order bends.



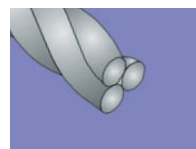
Bio-Kinetix™ Thermally Activated Nitanium®
Soft and pliable at room temperature with excellent shape memory. Application: leveling and aligning in mild, moderate, and severe cases. Easy to tie in at room temperature. Obtain early torque control using rectangular wire.



Nitanium® S.E. (Super-Elastic)
Super Elastic Nitanium® for excellent shape memory. Application: leveling and aligning in most cases with round wire. Can be used in intermediate stages for torque and rotation control with rectangular wire.



Multi-Force Nitanium® Archwires
Multi Modulus Nitanium®, with three force regions, anterior (mild), canine/premolar (moderate), and molar (high). Application: leveling and aligning in most cases. Can be used in intermediate stages as well. Also available in dimpled. Excellent with DELTA FORCE® bracket system.



Twist Wire (3-Strand)
Super spring and hard temper for gentle leveling during early treatment stages. Triple strand twist wire accepts greater deflection before elastic limit is reached.



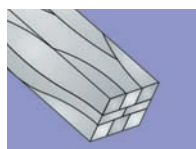
Nitanium® R.C.S.
A low-force, reverse curve of spee wire designed to open bites, prevent molar rotations & maintain anterior torque without crown tipping.



Coaxial Wire (6-Strand)
Low friction, superior formability properties and working range. Excellent for leveling and aligning.



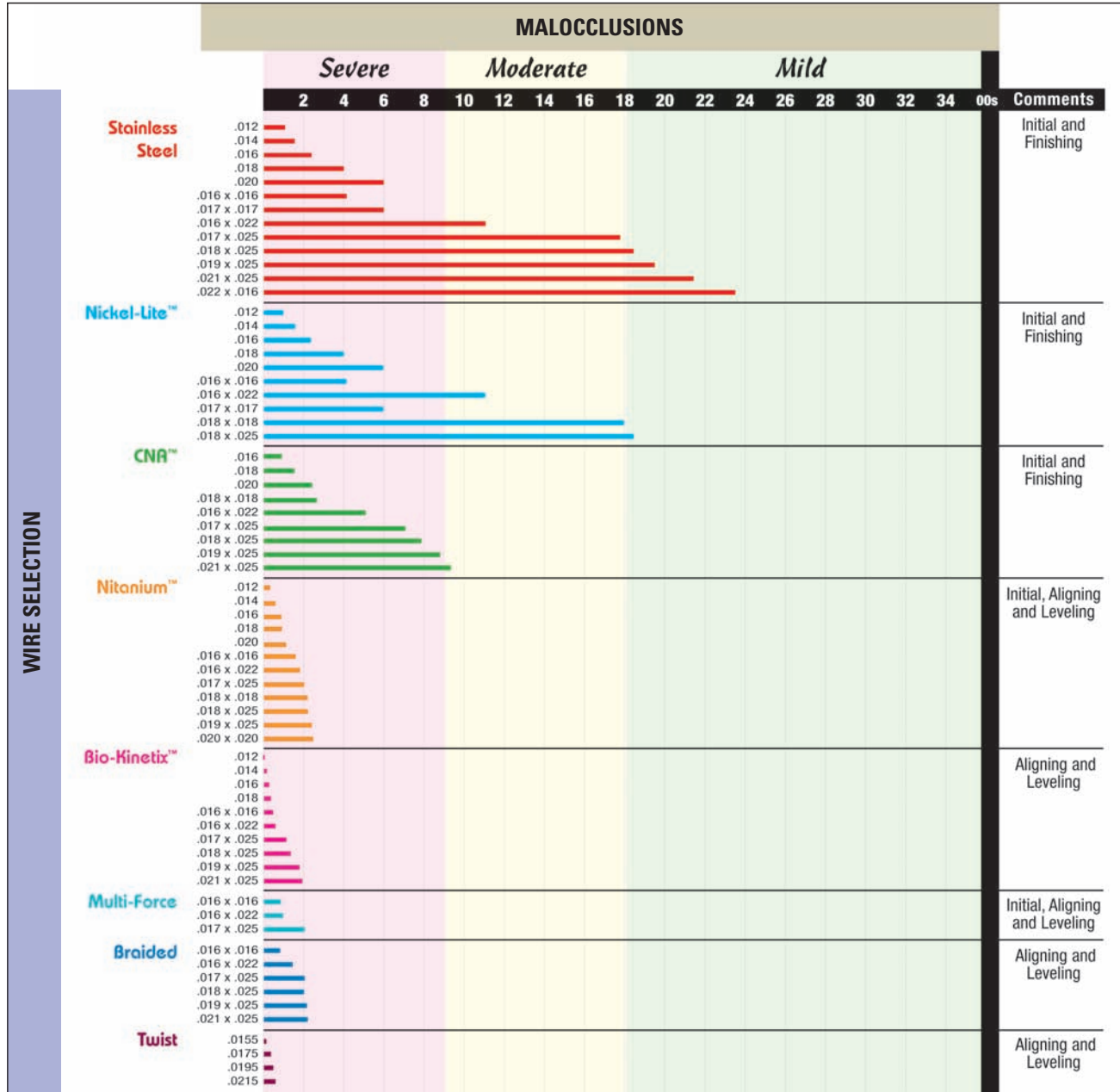
Nickel-Free® Archwires
Made from material to accommodate nickel sensitive patients. Application: leveling and aligning with small round wires. Maintains torque and rotation control in intermediate and finishing. Excellent for detailing, accepts 1st, 2nd and 3rd order bends.



Braided Archwire (8-Strand)
Rectangular wire exerts very low continuous force. For early torquing, rotational control and finishing.
V-Loop Archwires (see page 28)

*TMA is a registered trademark of Ormco Corporation.

Archwire Usage Chart



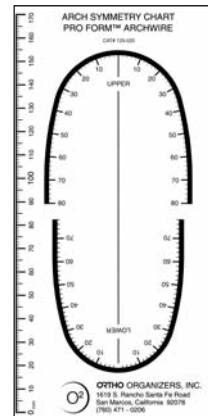
Archwire Templates for Pro Form™ and Oval Arch Form III™

Each template shows the upper and lower arch shape for Pro Form™ or Oval Arch Form III™ 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.

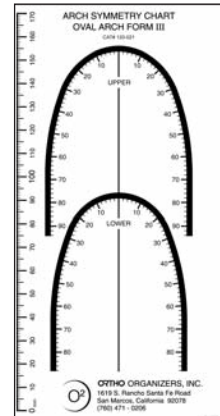
(1 per pack) 3.5" x 7"

Pro Form™ Template • 120-020

Oval Arch Form III™ Template • 120-021



Pro Form™ • 120-020



Oval Arch Form III™ • 120-021

Bio-Titanium™ SMART™ Archwires

Wire System Developed in Consultation with Dr. Ravi Nanda



CNA™ Beta III Archwire

This improved TMA* alternative allows optimal control of torque and angulation of teeth in the earlier stages of treatment. Switch to CNA™ and experience less breakage, less friction and maintain loops better.

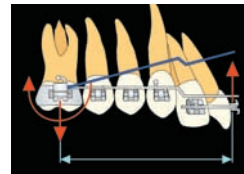
Pro Form™ (shown), Oval Arch III™ or 14" Straight Length (See page 67)



CIA™ Nitanium® Intrusion/Extrusion Arch

These super elastic nickel titanium arches allow optimum control of torque and angulation of teeth in the earlier stages of treatment. This Nitanium® Intrusion/Extrusion Arch provides low continuous force for deep bite and Class II correction. (See page 67)

Ask for your FREE copy of this article on CIA™ "The Connecticut Intrusion Arch" by Drs. R. Nanda, R. Marzban and A. Kulberg. English version • 999-161 or Spanish Version • 999-161S



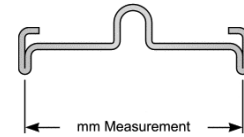
CNA™ Beta III Mushroom Loop™ Archwire

Through its advanced special memory alloy material and improved loop shape, this archwire significantly increases the efficiency of space closure, anterior intrusion, retraction and elastic engagement. (See page 72)



CNA™ Beta III Reverse (Mesial) Loop Palatal Bar

Mesially orientated loop to reduce gag reflex. Fits .036 lingual sheath. Control upper 1st molars with gentle biocompatible force. (See page 81)



Ask for your FREE copy of this Article on Smart™ Wires. "Bio-Mechanical Archwires" by Drs. Nanda and Uribe: • 999-194

NANDA Rx ARCHWIRE SEQUENCE	Type of Tooth Movement/Wire	Wire Size	Pro Form™ Upper	Oval Arch Form III™ Upper	Pro Form™ Lower	Oval Arch Form III™ Lower
	Aligning					
	Wire sizes listed accommodate doctor's use of either .018 or .022 archwire slots.					
	Nitanium® (Nickel Titanium)	.014	100-650	101-432	100-651	101-433
		.016	100-652	101-434	100-653	101-435
		.016 x .022	100-662	101-442	100-663	101-443
		.017 x .025	100-664	101-444	100-665	101-445
		.018	100-854	101-464	100-855	101-465
	Bio-Kinetix™ (Thermal Nitanium®)	.018	100-856	101-466	100-857	101-467
		.016 x .022	100-862	101-472	100-863	101-473
		.016	100-941	101-504	100-951	101-505
	CNA™	.018	100-942	101-506	100-952	101-507
		.016 x .022	100-944	101-512	100-954	101-513
		Intrusion/Extrusion Class II Molar Correction:				
	Connecticut Intrusion Arch (CIA™)	.016 x .022 Short	100-980	—	100-982	—
		.016 x .022 Long	100-981	—	100-983	—
		.017 x .025 Short	100-984	—	100-986	—
		.017 x .025 Long	100-985	—	100-987	—
	Space Enclosure: CNA™ Mushroom Loop™					
	Kit contains 4 each: 24, 26, 28, 30, 32, 34, 36, 38, 40mm	.017 x .025 Kit	106-420	—	—	—
		.019 x .025 Kit	106-440	—	—	—
	Finishing: Stainless Steel (Golden)	.016 x .022	100-105	—	100-115	—
		.017 x .025	100-106	—	100-116	—
		.019 x .025	100-108	—	100-118	—
	CNA™	.016 x .022	100-944	101-512	100-954	101-513
		.017 x .025	100-945	101-514	100-955	101-515
		.019 x .025	100-948	101-520	100-958	101-521
	14" Straight CNA™ Lengths	Catalogue #:	101-008	101-009	101-012	
		Wire Size:	.016 x .022	.017 x .025	.019 x .025	

* TMA is a registered trademark of Ormco Corporation.

Super Elastic Nitanium® Archwires

Round and Rectangular

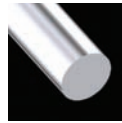
Remains constantly active, reducing the number of archwire changes. The advanced metallurgical composition delivers more constant force for efficient tooth movement. Ultra-smooth finish reduces friction enabling teeth to move easily along archwire. Excellent initial archwire for leveling, aligning and rotating. Unsurpassed quality at an economical price.

Laser etched midlines: Upper - 3 Black Laser Marks, Lower - 1 Black Laser Mark

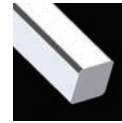
- High Quality
- Economically Priced
- Fast, Dependable Results
- Superior Elastic Properties
- Light, Continuous Force
- Optimum Force Distribution



Pro Form™ Arch Shape



Round (10 per package)			
Diameter	Upper	Lower	
.012	100-658	100-659	
.014	100-650	100-651	
.016	100-652	100-653	
.018	100-654	100-655	
.020	100-656	100-657	



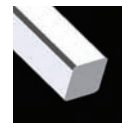
Rectangular (10 per package)			
Diameter	Upper	Lower	
.016 x .016	100-660	100-661	
.016 x .022	100-662	100-663	
.017 x .025	100-664	100-665	
.018 x .018	100-670	100-671	
.018 x .025	100-666	100-667	
.019 x .025	100-668	100-669	
.020 x .020	100-672	100-673	



Oval Arch Form III™



Round (10 per package)			
Diameter	Upper	Lower	
.012	101-430	101-431	
.014	101-432	101-433	
.016	101-434	101-435	
.018	101-436	101-437	
.020	101-438	101-439	



Rectangular (10 per package)			
Diameter	Upper	Lower	
.016 x .016	101-440	101-441	
.016 x .022	101-442	101-443	
.017 x .025	101-444	101-445	
.018 x .018	101-446	101-447	
.018 x .025	101-448	101-449	
.019 x .025	101-450	101-451	
.021 x .025	101-452	101-453	

Bio-Twist Wire .021 x .025

The Bio-Twist Wire is a .021 x .025 Pro Form™ rectangular archwire formed with multiple strands of Nitanium® super elastic wire. This multi-strand structure gives the wire low force and low stiffness with excellent flexibility, and the rectangular shape allows significant engagement of the slot.

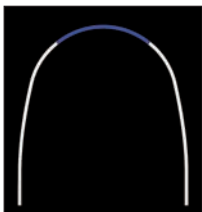
Bio-Twist wire is great for use at the beginning of treatment during the unraveling stage because it will facilitate leveling and aligning while also

controlling torque. This wire can also be used at the end of treatment when the retention of torque is important but it will allow movement from forces such as vertical elastics. (10 per pack)

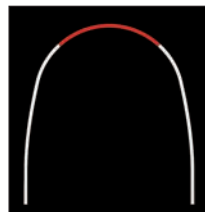
Upper Pro Form™ Nitanium® Bio-Twist .021 x .025 • 100-450
Lower Pro Form™ Nitanium® Bio-Twist .021 x .025 • 100-451

Torqued Archwires

Excellent for adding additional torque in the anterior segment. We take our Pro Form™ Nitanium® archwire and add 20° of torque in the anterior segment, introducing 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 the archwire is removed. These torqued archwires should be placed in the upper arch with the I.D. mark facing gingival, and in the lower arch with the I.D. mark facing occlusally. .019 x .025 and .017 x .025 wire size. (5 per pack)



28mm/Blue
.017 x .025 101-835
.019 x .025 101-841



34mm/Red
101-836
101-842



38mm/Green
101-837
101-843

Black Ti™ Dimpled Archwires

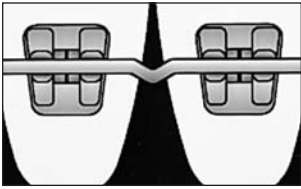
- Ultra Smooth
- Hard Black Oxide Surface
- Low Friction

Provides increased archwire integrity. Reduces sliding friction by 30% compared to traditional Nitanium®. Will not chip, wear or peel. Works well with self-ligating & DELTA FORCE® bracket systems. (10 per pack)

Size	Upper	Lower
.012	101-901	101-902
.014	101-903	101-904
.016	101-905	101-906
.018	101-907	101-908
.020	101-909	101-910

Dimpled Archwires

Dimpled "Notch" Reduces Archwire Drift and "Slide-Out"

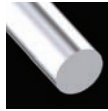


Dimpled Nitanium® Archwires feature a permanent "dimpled" centre reference mark that will not rub off like inked marks, and is easy to see in normal office light. Manufactured from super-elastic nickel titanium, these wires reduce wire rotation, prevent "slide-out" from buccal tubes and eliminate distal wire bends.

Upper arch dimples are wider than lower arches for easy identification.

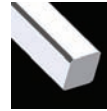


Pro Form™ Arch Shape



Dimpled Nitanium® Archwires Round (10 per package)

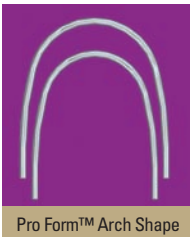
Diameter	Upper	Lower
.014	100-800	100-801
.016	100-802	100-803
.018	100-804	100-805
.020	100-806	100-807



Dimpled Nitanium® Archwires Rectangular (10 per package)

Diameter	Upper	Lower
.016 x .016	100-808	100-809
.016 x .022	100-810	100-811
.017 x .025	100-812	100-813
.018 x .025	100-814	100-815
.019 x .025	100-816	100-817

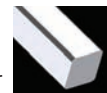
Total Control™ (NTC™) Wires



Pro Form™ Arch Shape



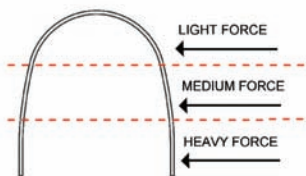
Super-Elastic Nitanium® Archwires accept 1st, 2nd and 3rd order bends permanently. It's excellent for a multitude of adjustments including angulation, rotation and torquing. A super low-friction, light continuous force archwire accepts permanent bends like the type needed during intermediate stages of treatment; detailing and finishing stages. NTC™ can be formed into utility arches with minimum effort. Will accept 3rd order bends without breaking.



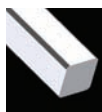
NTC™ Rectangular (5 per package)

Diameter	Upper	Lower
.016 x .016	100-916	100-917
.016 x .022	100-918	100-919
.017 x .025	100-920	100-921
.018 x .018	100-922	100-923
.018 x .025	100-924	100-925
.019 x .025	100-926	100-927
.021 x .025	100-928	100-929

Multi-Force Nitanium® Archwires



These archwires offer increased forces throughout the three regions: The anterior region consists of a light super-elastic force; the bicuspid region is engineered to produce a graduating amount of super-elastic force as it travels towards the posterior region; the posterior region exhibits the highest force and is designed to bend and then return to original shape.



Multi-Force Nitanium® Archwires (10 per package)

Diameter	Upper	Lower
.016 x .016	100-830	100-831
.016 x .022	100-832	100-833
.017 x .025	100-834	100-835
.018 x .025	100-836	100-837
.019 x .025	100-838	100-839
.020 x .020	100-840	100-841



Dimpled Multi-Force Nitanium® Archwires (10 per package)

Diameter	Upper	Lower
Round		
.018	100-826DM	100-827DM
Rectangular		
.020 x .020	100-840DM	100-841DM

Nitanium® Spooled Round Archwire



Spooled Round (10 foot roll)

Diameter	Catalogue Number
.012	100-894
.014	100-895
.016	100-896
.018	100-897

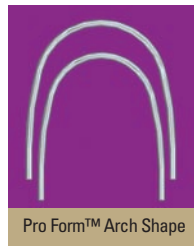
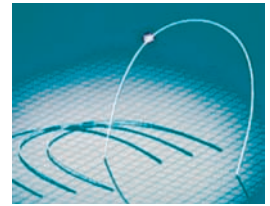
Bio-Kinetix™ Thermally Activated Nitanium® Archwires

Round and Rectangular High Performance with Memory

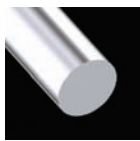
Excellent wire for initial leveling and aligning. Reacts to the heat in a patient's mouth and exerts a light, continuous force as it returns to its original shape. Made from an advanced nickel titanium that exhibits an improved resiliency which means they are measurably more resistant to permanent set (deformation) while friction is minimized. The advanced thermal properties display a narrower transformation band from martensite to austenite which gives the archwires a "crisper" response as they move between their "soft" state and "stiff" state. This wire is ideal for adult patients with significant crowding as they are easier to ligate and deliver low biologic force.

A .016 x .022 wire can easily be ligated in a moderate crowding patient.

Laser etched midlines: • Upper - 3 Black Laser Marks • Lower - 1 Black Laser Mark

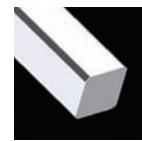


Pro Form™ Arch Shape



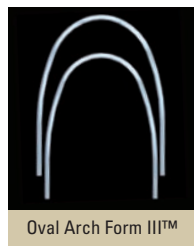
Thermally Activated Nitanium® Round (10 per package)

Diameter	Upper	Lower
.012	100-850	100-851
.014	100-852	100-853
.016	100-854	100-855
.018	100-856	100-857

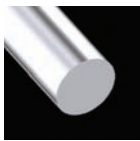


Thermally Activated Nitanium® Rectangular (10 per package)

Diameter	Upper	Lower
.016 x .016	100-860	100-861
.016 x .022	100-862	100-863
.017 x .025	100-864	100-865
.018 x .025	100-866	100-867
.019 x .025	100-868	100-869
.021 x .025	100-870	100-871

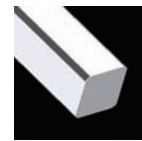


Oval Arch Form III™



Thermally Activated Nitanium® Round (10 per package)

Diameter	Upper	Lower
.014	101-462	101-463
.016	101-464	101-465
.018	101-466	101-467

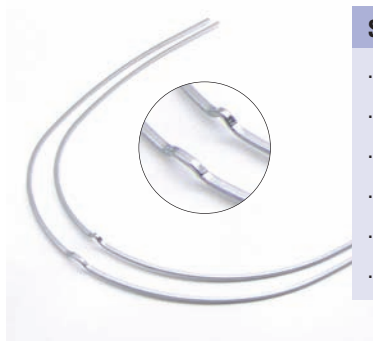


Thermally Activated Nitanium® Rectangular (10 per package)

Diameter	Upper	Lower
.016 x .016	101-470	101-471
.016 x .022	101-472	101-473
.017 x .025	101-474	101-475
.018 x .025	101-478	101-479
.019 x .025	101-480	101-481

Dimpled Bio-Kinetix™ Thermally Activated Nitanium® Archwires (10 per pack)

- Dimpled (Middle of Archwire)
- Thermal Activation
- Nickel Titanium (Nitanium®)
- Pro Form™ Arch Shape



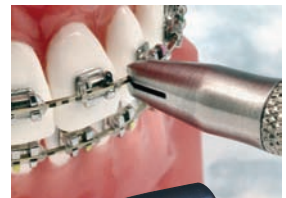
Size	Upper	Lower
.014	100-852DM	100-853DM
.016	100-854DM	100-855DM
.018	100-856DM	100-857DM
.014 x .025	100-872DM	100-873DM
.016 x .025	100-874DM	100-875DM
.018 x .025	100-866DM	100-867DM

De-Activate Your Thermal Wires and Expanders

Polar Bear Ice Instrument

Thermally activated archwires can be chilled easily, quickly and intra-orally for easy placement of specific and difficult bends. The Polar Bear can be heat or cold sterilized.

- 200-330



Ortho Freez Ice Spray

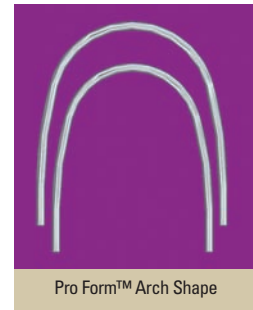
Chills thermal wire making it flexible and easy to place.
10 oz. can. • 100-788



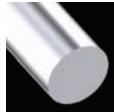
Nitium® Tooth Tone Plastic-Coated Archwires

- Super-Elastic Nickel Titanium
- Stain and Crack Resistant

Plastic, friction reducing, tooth-coloured coatings blend with natural dentition as well as ceramic, plastic and composite brackets. Stain and crack resistant, the arch maintains its original colour and will not crack when deflected or bent. Archwire delivers a gentle, constant force throughout treatment.

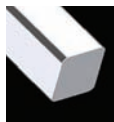


Pro Form™ Arch Shape



Nitium® Tooth Tone Round (10 per package)			
Diameter	Upper	Lower	

.012	100-878	100-879	
.014	100-880	100-881	
.016	100-882	100-883	
.018	100-884	100-885	



Nitium® Tooth Tone Rectangular (10 per package)			
Diameter	Upper	Lower	

.016 x .022	100-886	100-887	
.018 x .018	100-887A	100-887B	
.018 x .024	100-887C	100-887D	
.018 x .025	100-888	100-889	
.019 x .025	100-890	100-891	
.021 x .027	100-892	100-893	

Coated Wire	Raw Wire (Uncoated)
.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

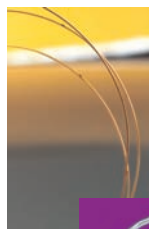
These wires blend in with tooth anatomy and esthetic brackets to further enhance the visual appeal of esthetic bracket systems. The new Stainless Steel Coated Wires and new sizes of Nitium® Coated wires as well as the addition of RCS Nitium® Coated arch wire will give doctors using esthetic systems all the wire sequencing options they would need to effectively and efficiently finish their cases.

Tooth Tone Coated Archwires Nitium® R.C.S. (10 per package)			
Diameter	Upper	Lower	
.016	101-184	101-185	
.018	101-186	101-187	
.016 x .022	101-190	101-191	
.018 x .024	101-194	101-195	
.021 x .027	101-198	101-199	

Stainless Steel Tooth Tone Plastic Coated Archwires (10 per package)			
Diameter	Upper	Lower	
.016 x .022	101-174	101-175	
.018 x .024	101-176	101-177	
.021 x .027	101-180	101-181	

24 Karat Gold-Plated Archwires

The perfect archwire to compliment your patient's Golden Brackets. These wires are coated with a superhard finish that will not come off during treatment. The super smooth finish enhances sliding mechanics. Available in both Stainless Steel and Nitium® Pro Form™ Archwires with midlines marked black for uppers and red for lowers. (5 per pack)



See Golden Brackets on page 38.

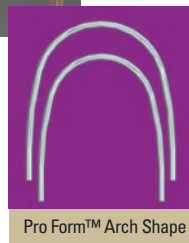
24 Karat Gold Pro Form™ Archwires Round				
Size	SS = Stainless Steel		NT = Nitium®	
	Upper SS	Lower SS	Upper NT	Lower NT
.014	101-101	101-121	101-141	101-161
.016	101-102	101-122	101-142	101-162
.018	101-103	101-123	101-143	101-163
.020	101-104	101-124	101-144	101-164



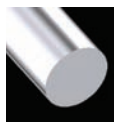
24 Karat Gold Pro Form™ Archwires Rectangular				
Size	SS = Stainless Steel		NT = Nitium®	
	Upper SS	Lower SS	Upper NT	Lower NT
.016 x .016	101-105	101-125	101-145	101-165
.016 x .022	101-106	101-126	101-146	101-166
.017 x .025	101-107	101-127	101-147	101-167
.018 x .025	101-108	101-128	101-148	101-168
.019 x .025	101-109	101-129	101-149	101-169



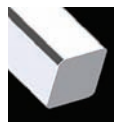
Micro-Coated Thermally Activated Nitium® Pro Form™ Archwires



Pro Form™ Arch Shape



Micro-Coated Thermally-Activated Nitium® Round (10 per package)			
Diameter	Upper	Lower	
.012	101-850	101-851	
.014	101-852	101-853	
.016	101-854	101-855	
.018	101-856	101-857	




Micro-Coated Thermally-Activated Nitium® Rectangular (10 per package)			
Diameter	Upper	Lower	
.016 x .016	101-860	101-861	
.016 x .022	101-862	101-863	
.017 x .025	101-864	101-865	
.018 x .018	101-866	101-867	
.018 x .025	101-868	101-869	
.019 x .025	101-870	101-871	

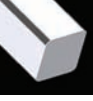
R.C.S. Archwires Super-Elastic Nitanium®

Reverse Curve Prevents Molar Tipping

These special Reverse Curve of Spee Archwires feature popular “rocking chair” curve. Opens bites, prevents molar rotations and maintains anterior torque. Made of super-elastic, continuous force nickel titanium. Provides maximum retraction efficiency with fewer archwire changes.




Nitanium® R.C.S. Archwires Round (10 per package)			
Diameter	Upper	Lower	
.014	100-599	100-600	
.016	100-601	100-602	
.018	100-603	100-604	

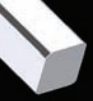
Nitanium® R.C.S. Archwires Rectangular (10 per package)			
Diameter	Upper	Lower	
.016 x .022	100-605	100-606	
.017 x .025	100-607	100-608	
.019 x .025	100-609	100-610	

Straight Leg Archwires

This archwire is different from our current R.C.S. wires in that the anterior portion of the wire has a “rocking horse curve”, and the legs of the wire are flat and level. Straight legs to not “toe-in” the molars.



Nitanium® R.C.S. Archwires Round Straight Leg (10 per package)			
Diameter	Upper	Lower	
.014	100-700	100-701	
.016	100-702	100-703	
.018	100-704	100-705	
.020	100-706	100-707	

Nitanium® R.C.S. Archwires Rectangular Straight Leg (10 per package)			
Diameter	Upper	Lower	
.016 x .016	100-708	100-709	
.016 x .022	100-710	100-711	
.017 x .025	100-712	100-713	
.018 x .025	100-714	100-715	
.019 x .025	100-716	100-717	


Dimpled Archwires

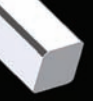
R.C.S. Archwires Larger “Rocking Chair” Radius for a Gentler Movement!

This wire features a larger radius which exerts a lighter force when correcting the curve than standard R.C.S. archwires. It also makes the wire easier to place. Once comfortable with this milder wire, the clinician may choose to advance to our standard R.C.S. archwire.

This R.C.S. has a dimpled midline that distinguishes it from our standard R.C.S. archwire.



Nitanium® Dimpled R.C.S. Round (10 per package)			
Diameter	Upper	Lower	
.016	100-582	100-583	
.018	100-584	100-585	

Nitanium® Dimpled R.C.S. Rectangular (10 per package)			
Diameter	Upper	Lower	
.016 x .022	100-590	100-591	
.017 x .025	100-592	100-593	
.018 x .025	100-594	100-595	
.019 x .025	100-596	100-597	

Bio-Kinetix™ Nitanium® R.C.S.

This thermal Nitanium® RCS wire is extremely flexible with very low, gentle force. These features enable this wire to be easily engaged into brackets even when severe steps and rotations are present in the occlusion. With this wire the doctor can introduce occlusal plane correction earlier in treatment.

Bio-Kinetix™ Nitanium® R.C.S. (10 per package)			
Diameter	Upper	Lower	
.016	100-765	100-766	
.016 x .022	100-769	100-770	
.017 x .025	100-771	100-772	

CNA™ Beta III Archwires

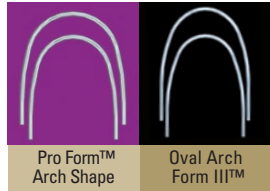
Developed in consultation with Dr. Ravi Nanda

- Nickel-Free Beta Titanium Alloy
- Improved TMA* Alternative
- We went a step beyond TMA*

Here are three reasons clinicians are switching from TMA* to CNA™

- CNA™ Does Not Break as Easily as TMA*
- CNA™ has a Smooth, High Polish Finish which Provides Much Less Friction than TMA*
- CNA™ Maintains Loops Much Better than TMA*
- Once a Loop is Formed it Maintains the Intended Shape

NICKEL-FREE!



CNA™ Pro Form™ Archwires Round (5 per package)			
Diameter	Upper	Lower	
.016	100-941	100-951	
.018	100-942	100-952	
.020	100-943	100-953	

CNA™ Pro Form™ Archwires Rectangular (5 per package)			
Diameter	Upper	Lower	
.016 x .016	100-960	100-961	
.016 x .022	100-944	100-954	
.017 x .025	100-945	100-955	
.018 x .018	100-946	100-956	
.018 x .025	100-947	100-957	
.019 x .025	100-948	100-958	
.021 x .025	100-949	100-959	

CNA™ Oval Arch III™ Archwires Round (10 per package)			
Diameter	Upper	Lower	
.016	101-504	101-505	
.018	101-506	101-507	

CNA™ Oval Arch III™ Archwires Rectangular (10 per package)			
Diameter	Upper	Lower	
.016 x .022	101-512	101-513	
.017 x .025	101-514	101-515	
.019 x .025	101-520	101-521	

14-inch CNA™ Straight Archwires Rectangular (5 per package)		
Diameter	Catalogue Number	
.016 x .016	101-007	
.016 x .022	101-008	
.017 x .025	101-009	
.018 x .018	101-010	
.018 x .025	101-011	
.019 x .025	101-012	
.021 x .025	101-013	

14-inch CNA™ Straight Archwires Round (5 per package)		
Diameter	Catalogue Number	
.016	101-003	
.018	101-004	
.032	101-022	
.036	101-024	

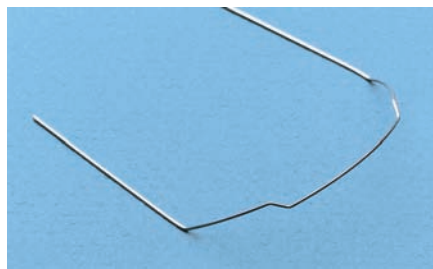
CIA™ Nitanium® Intrusion/Extrusion Arch

CIA™ is a multi-functional Nitanium® wire that was developed by Dr. Ravindra Nanda. This versatile wire can be used for anterior intrusion, molar extrusion, distal molar tip back for posterior anchorage preparation and Class II correction.

- Use the LONG (Upper and Lower) wires for non-extraction and/or long arches.
- Use the SHORT (Upper and Lower) wires for extraction and/or shorter arches.

Ask for YOUR FREE COPY of this CIA™ Article "The Connecticut Intrusion Arch" by Drs. R. Nanda, R. Marzban and A. Kuhlberg. • 999-161

CIA™ Intrusion Archwires (5 per package)			
Description	.016 x .022	.017 x .025	
Upper/Short	100-980	100-984	
Upper/Long	100-981	100-985	
Lower/Short	100-982	100-986	
Lower/Long	100-983	100-987	

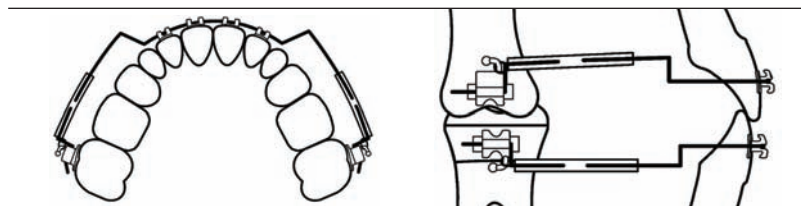


CNA CIA™ Intrusion Archwires (5 per package)			
Description	.016 x .022	.017 x .025	
Upper/Long	100-971	100-975	
Lower/Long	100-973	100-977	

Adjustable Utility Archwires

Stainless Steel Adjustable Utility Arch

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



Nitium® Adjustable Utility Arch

- Easy Leveling, Alignment and Torque Control
- 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

The Nitium® anterior segment and stainless steel posterior segments are joined by inconel tubing which allows for precise adjustments in arch length. The 3mm 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.

Rack • 120-007



Ask for a FREE COPY of this Article on Utility Archwires. "Space Age Pedodontics: The Use of the Utility Archwire Appliance" by Dr. Waldemar Brehm • 999-170

Bio-Kinetix™ Utility Arch

The Bio-Kinetix™ Utility Arch is identical in design and function to our very popular and successful Stainless Steel and Nitium® Utility arches, but uses an anterior wire that offers lighter continuous Nitium® 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 Nitium® 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.

Stainless Steel Adj. Utility Arch (10 per package)

Description	Size*	Lower	Upper
.016 x .016 Arch	28mm	100-314	—
.016 x .016 Arch	34mm	—	100-334
.016 x .016 Arch	38mm	—	100-338
.016 x .016 Arch	42mm	—	100-342

* Millimeter size is a measurement of anterior arch from one 90° bend to the other 90° bend.

Nitium® Adjustable Utility Arch (5 per package)

Description	Size*	Lower	Upper
.018 Lower	28mm	100-273	—
.018 Upper	34mm	—	100-274
.018 Upper	38mm	—	100-275
.018 Upper	42mm	—	100-275L

* .018 Nitium® anterior wire, .016 x .016 stainless steel posterior wire.

.016 x .016 Lower	24mm	100-279	—
.016 x .016 Lower	28mm	100-276	—
.016 x .016 Upper	34mm	—	100-277
.016 x .016 Upper	38mm	—	100-278
.016 x .016 Upper	42mm	—	100-280

* .016 x .016 Nitium® anterior wire, .016 x .016 stainless steel posterior wire.

* Millimeter size is a measurement of anterior arch from one 90° bend to the other 90° bend.

Utility Arch Kit • 105-019

Includes 9 packages of Utility Arches and 1 Covered Utility Archwire Rack (5 per package)
Includes 1 package each of:

	Size	Lower	Upper
Nitium®	.018	28mm	34mm
			38mm
	.016 x .016	28mm	34mm
Stainless Steel	.016 x .016	28mm	34mm
			38mm

Utility Arch Starter Kit • 105-019S

Includes wires and Covered Utility Archwire Rack
Includes 2 wires each of:

	Size	Lower	Upper
Nitium®	.018	28mm	34mm
			38mm
	.016 x .016	28mm	34mm
Stainless Steel	.016 x .016	28mm	34mm
			38mm

Bio-Kinetix™ Utility Arch (5 per package)

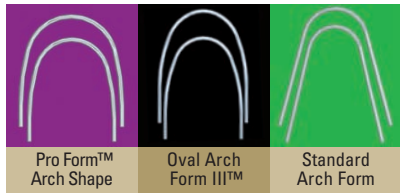
Size	Catalogue Number
28mm	100-283
34mm	100-284
38mm	100-285

Stainless Steel Archwires

Now with PERMANENT LASER-ETCHED MIDLINES

- Upper 3 Black Laser Marks
- Lower 1 Black Laser Mark

Specifically designed for use with Straight Arch Wire Technique. Special alloy provides maximum spring while minimizing fracturing. Pre heat-treated. Available in bright or golden finish. Excellent for all Orthopedic/Orthodontic techniques.

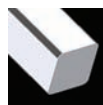


(also available in Nickel-Free®)



Pro Form™ Round (50 per package)

Diameter	Golden		Bright		Nickel-Free®	
	Upper	Lower	Upper	Lower	Upper	Lower
.012	100-120	100-121	100-160	100-161	101-350	101-351
.014	100-100	100-110	100-140	100-150	101-352	101-353
.016	100-101	100-111	100-141	100-151	101-354	101-355
.018	100-102	100-112	100-142	100-152	101-356	101-357
.020	100-103	100-113	100-143	100-153	101-358	101-359



Pro Form™ Rectangular (10 per package)

Diameter	Golden		Bright		Nickel-Lite®	
	Upper	Lower	Upper	Lower	Upper	Lower
.016 x .016	—	—	—	—	101-360	101-361
.016 x .022	100-105	100-115	100-145	100-155	101-362	101-363
.017 x .017	100-105B	100-115B	—	—	—	—
.017 x .025	100-106	100-116	100-146	100-156	101-364	101-365
.018 x .018	100-106B	100-116B	—	—	—	—
.018 x .025	100-107	100-117	100-147	100-157	101-368	101-369
.019 x .025	100-108	100-118	100-148	100-158	101-370	101-371
.021 x .025	100-109	100-119	100-149	100-159	—	—
.022 x .016	100-122	100-123	—	—	—	—



Oval Arch Form III™ with bright finish only Round (50 per package)

Diameter	Bright	
	Upper	Lower
.014	101-402	101-403
.016	101-404	101-405
.018	101-406	101-407
.020	101-408	101-409

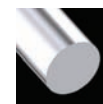


Oval Arch Form III™ with bright finish only Rectangular (10 per package)

Diameter	Bright	
	Upper	Lower
.016 x .016	101-410	101-411
.016 x .022	101-412	101-413
.017 x .025	101-414	101-415
.018 x .018	101-416	101-417
.018 x .025	101-418	101-419
.019 x .025	101-420	101-421
.021 x .025	101-422	101-423

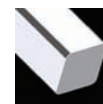
Hi-Tensile Oval Arch

Hi-Tensile wire is comparable to Australian wire with very similar properties and excellent spring back. These wires are great for space closure, retraction, and opening the bite. They are also ideal for the Tip-Edge® and Coralex™ systems.



Standard Round (50 per package)

Diameter	Bright	
	Upper	Lower
.012	100-542	100-543
.014	100-544	100-545
.016	100-546	100-547
.018	100-548	100-549
.020	100-550	100-551



Standard Rectangular (10 per package)

Diameter	Bright	
	Upper	Lower
.016 x .016	100-553	100-554
.016 x .022	100-555	100-556
.017 x .025	100-557	100-558
.018 x .025	100-559	100-560
.019 x .025	100-561	100-562
.021 x .025	100-563	100-564

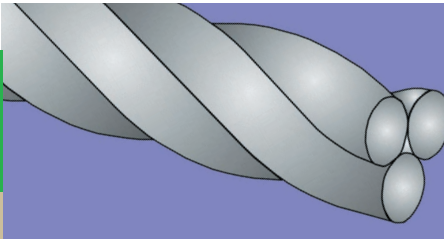
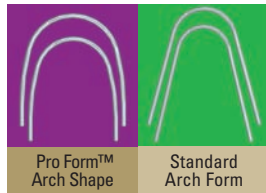
Hi-Tensile Oval Arch

(10 per package)

Diameter	Upper	Lower
.016	107-202	107-203
.018	107-204	107-205
.020	107-206	107-207
.022	107-208	107-209
.016 x .022	107-212	107-213
.018 x .025	107-216	107-217
.021 x .025	107-220	107-221

Twist Wire Stainless Steel Preformed Archwires

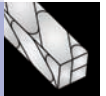
Super spring and hard temper for gentle leveling during early treatment stages. Triple stranded twist wire accepts greater deflection before elastic limit is reached. End will not fray when cut.



Twist Pro Form™ Round (20 per package)			
Diameter	Upper	Lower	
.015	100-301	100-302	
.0175	100-303	100-304	
.0195	100-305	100-306	



Twist Pro Form™ Rectangular (10 per package)			
Diameter	Upper	Lower	
.016 x .022	100-231	100-232	
.017 x .025	100-234	100-235	

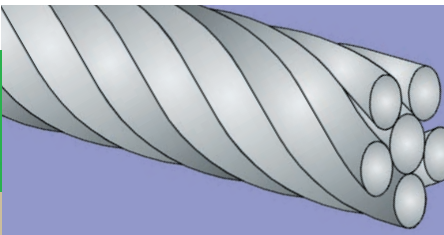
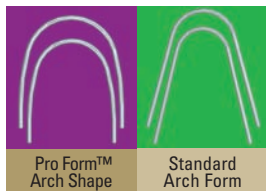


Twist Standard Round (20 per package)	
Diameter	Catalogue Number
.015	100-201
.0175	100-202
.0195	100-203



Coaxial Archwires

Coaxial twist wire (5 wires wrapped around a single core wire), is a super resilient wire that can be bent to a greater degree than ordinary twist wire - without taking a set. Its resilience is most apparent with severely malposed cases. Coaxial wire is an excellent initial archwire.



Coaxial Pro Form™ Archwires (20 per package)			
Diameter	Upper	Lower	
.015	100-351	100-352	
.0175	100-353	100-354	
.0195	100-355	100-356	



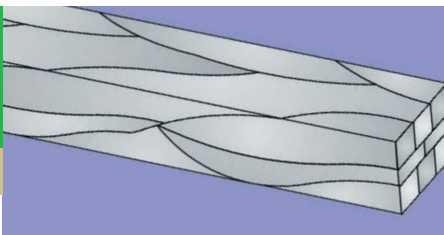
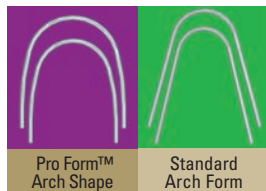
Spooled Coaxial Wire 30 feet		
Diameter	Catalogue Number	
.015	100-358	
.0175	100-359	
.0195	100-360	

Straight Length Coaxial Wire 6 Strand 14 inches (20 per package)			
Diameter	Catalogue Number		
.015	100-258		
.0175	100-259		
.0195	100-260		

Coaxial Standard Archwires (20 per package)			
Diameter	Catalogue Number		
.015	100-251		
.0175	100-252		
.0195	100-253		

Braided Archwires

Eight strands of stainless steel wire with a bright finish are braided together to provide a super resilient archwire. Braided wire fills the edgewise slot and offers torque control, while its resiliency permits early application in treatment. Serves as an excellent transitional wire from round to rectangular.

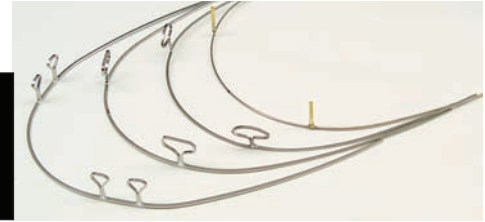


Braided Pro Form™ Archwires (10 per package)			
Diameter	Upper	Lower	
.016 x .016	100-380	100-381	
.016 x .022	100-382	100-383	
.017 x .025	100-384	100-385	
.018 x .025	100-386	100-387	
.019 x .025	100-388	100-389	
.021 x .025	100-390	100-391	

Braided Standard Archwires (10 per package)		
Diameter	Catalogue Number	
.016 x .016	100-370	
.016 x .022	100-371	
.017 x .025	100-372	
.018 x .025	100-373	
.019 x .025	100-374	

Retraction/Intrusion Archwires

- Close Space
- Arch Alignment
- Anterior Intrusion
- Retraction
- Anterior Retraction
- Elastic Engagement



Pro Form™ Stainless Steel Posted Archwires

Available in KITS or INDIVIDUAL PACKS



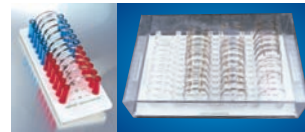
These archwires have extra strong soldered joints and pliable brass posts for ease of adjustment. Assists in retraction of anterior teeth and consolidation of space.

- Assorted Sizes to Fit All Situations
- Excellent for Use with Elastics and Springs
- Uniform Post Placement



Individual Posted Archwires (10 per package)						
Size*	.018	.020	.016 x .022	.017 x .025	.018 x .025	.019 x .025
Upper 44mm	102-044	103-044	104-044	121-044	107-044	101-044
Upper 42mm	102-042	103-042	104-042	121-042	107-042	101-042
Upper 40mm	102-040	103-040	104-040	121-040	107-040	101-040
Upper 38mm	102-038	103-038	104-038	121-038	107-038	101-038
Upper 36mm	102-036	103-036	104-036	121-036	107-036	101-036
Upper 34mm	102-034	103-034	104-034	121-034	107-034	101-034
Upper 32mm	102-032	103-032	104-032	121-032	107-032	101-032
Lower 30mm	112-030	113-030	114-030	121-030	117-030	111-030
Lower 28mm	112-028	113-028	114-028	121-028	117-028	111-028
Lower 26mm	112-026	113-026	114-026	121-026	117-026	111-026
Lower 24mm	112-024	113-024	114-024	121-024	117-024	111-024
Lower 22mm	112-022	113-022	114-022	121-022	117-022	111-022

*mm size is inside measurement around arch form, between posts



(See page 73-74 for empty racks.)

Posted Archwire Kits

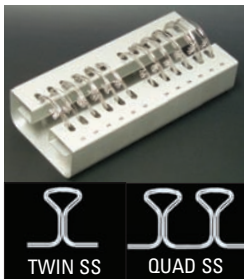
12 assorted sizes in each kit (does not include rack)

Size	Catalogue Number
.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

Keyhole Loop Stainless Steel Archwires

Available in KITS or INDIVIDUAL PACKS

Keyhole Loop Archwires are versatile in closing spaces, retractions and arch alignment. Available in "balanced size" kits of 100 archwires or individual packs of 10 archwires.



Twin (2) Loop Design

Kit includes storage rack

Size*	.016 x .022	.017 x .025	.019 x .025
22mm	125-121	125-141	125-181
24mm	125-122	125-142	125-182
26mm	125-123	125-143	125-183
28mm	125-124	125-144	125-184
30mm	125-125	125-145	125-185
32mm	125-126	125-146	125-186
34mm	125-127	125-147	125-187
36mm	125-128	125-148	125-188
38mm	125-129	125-149	125-189
40mm	125-130	125-150	125-190
42mm	125-131	125-151	125-191
44mm	125-132	125-152	125-192
Kit (100 wires)	125-120	125-140	125-180

*mm size is inside measurement around arch form, between loops

Quad (4) Loop Design

Kit includes storage rack

Size*	.016 x .022	.017 x .025	.019 x .025
22mm	126-121	126-141	126-181
24mm	126-122	126-142	126-182
26mm	126-123	126-143	126-183
28mm	126-124	126-144	126-184
30mm	126-125	126-145	126-185
32mm	126-126	126-146	126-186
34mm	126-127	126-147	126-187
36mm	126-128	126-148	126-188
38mm	126-129	126-149	126-189
40mm	126-130	126-150	126-190
42mm	126-131	126-151	126-191
44mm	126-132	126-152	126-192
Kit (100 wires)	126-120	126-140	126-180

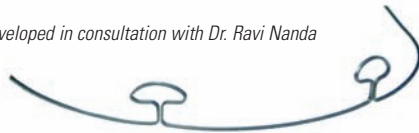
*mm size is inside measurement around arch form, between loops

CNA™ Mushroom Loop™ Archwires

Through its advanced special memory alloy material and improved loop shape, the Mushroom Loop™ increases the efficiency of space closure, anterior intrusion, retraction and elastic engagement. In addition, the rounded gingival portion of the loop, unlike traditional T-Loop and similar archwires, is more anatomically shaped resulting in a more tissue friendly appliance and therefore significantly more comfortable for patients. Use sizes 24mm to 40mm for loop activation between lateral and cuspid. Use sizes 52mm and 56mm for loop activation between cuspid and bicuspid.

Available individually, in packs of 5, or in a kit (4 each size 24mm to 40mm: 36 total).

Developed in consultation with Dr. Ravi Nanda



The loops are more anatomically shaped to gingival area and therefore less intrusive on sensitive tissue.



CNA™ Mushroom Loop™ Archwires

Kit includes storage rack

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

* mm size is inside measurement around arch form, between loops

Pro Form™ Stainless Steel Archwires



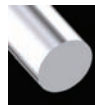
Increases the efficiency of space closure, retraction and elastic engagement.

"T" Loop Design Kit includes storage rack

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

* mm size is inside measurement around arch form, between loops

14" Straight Length Archwires



14" Straight Lengths Round (20 per package)

Diameter	Catalogue Number
.012	100-012
.014	100-014
.016	100-016
.018	100-018
.020	100-020

Stainless Steel Straight Lengths



Diamond drawn to exact tolerances for optimal resilience for every orthodontic application. Wire has excellent working characteristics,

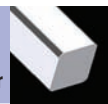
accepts severe bends with minimal fracturing and is easily soldered. Twist and Coaxial Wires are tightly wound, precision-formed and may be cut without unraveling. Retainer Wires are medium/hard temper to facilitate forming retainers and lingual arches.

14" Straight Lengths Retainer Wire (20 per package)

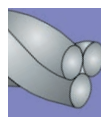
Diameter	Catalogue Number
.022	100-022
.025	100-025
.028	100-028
.030	100-030
.032	100-032
.036	100-036
.040	100-040
.045	100-045

14" Straight Lengths Rectangular (10 per package)

Diameter	Catalogue Number
.016 x .016	100-046
.016 x .022	100-047
.017 x .025	100-049
.018 x .025	100-051
.019 x .025	100-052
.021 x .025	100-053



Multi-Strand Straight Lengths

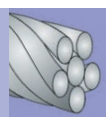


14" Straight Lengths Twist Wire - 3 Strand (20 per package)

Diameter	Catalogue Number
.015	100-208
.0175	100-209
.0195	100-210
.0215	100-211

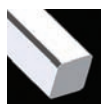
14" Straight Lengths Coaxial Wire - 6 Strand (20 per package)

Diameter	Catalogue Number
.015	100-258
.0175	100-259
.0195	100-260



Ortholoy-Blue Straight Wire

Ortholoy heat treatable wires are available in blue temper (the softest, most popular temper). Can be used "as is", welded with low heat or soldered. Recommended when a wire requires considerable bending, welding or soldering because it will not fracture. Excellent for edgewise arches, lingual arches, retainers and removables.



Rectangular 14" (10 per package)

Diameter	Catalogue Number
.016 x .016	100-080
.016 x .022	100-081

Round 14" (20 per package)

Diameter	Catalogue Number
.020	100-064
.030	100-067
.032	100-068
.036	100-069



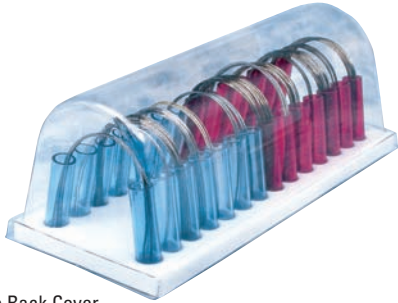
Archwire Racks and Covers

Display Racks for Preformed Archwires

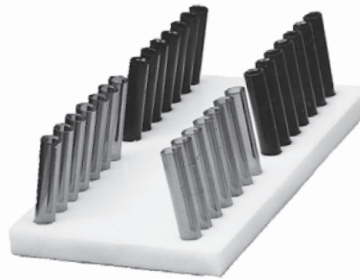
All Archwire Racks Come with Self-Stick Archwire Size Decals.

These archwire racks are excellent organizers for chairside use.

Archwires shown are not included with racks.



Molded Archwire Rack Cover
4-1/2" L x 10" W x 3-1/2" H • 120-006MC
Fits • 120-000, • 120-003 and • 120-004
(Rack and Archwires Not Included)



White Display Rack
4" L x 9-1/2" W x 2-1/8" H • 120-000
14 rows of storage tubes.
(Uses optional clear cover • 120-006MC)



Titanium® Display Rack
4" L x 9-1/2" W x 2-1/8" H • 120-004
Silver acrylic base with 10 rows.
(Uses optional clear cover • 120-006MC)

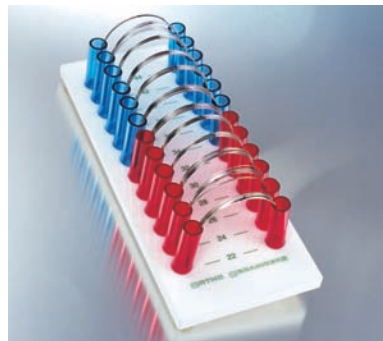
Display Racks for Posted Archwires

All Archwire Racks Come with Self-Stick Archwire Size Decals.

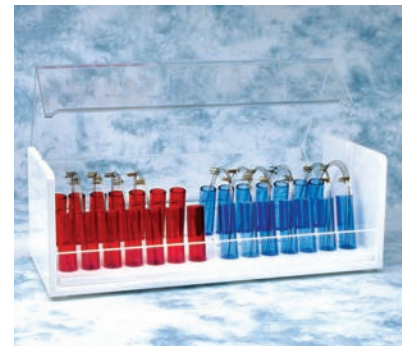


Master Posted Rack
(Shown with Cover)
14-1/2" L x 9" W x 1-1/4" H • 120-002
Accommodates 3 rows of posted archwires and 1 row of regular Pro Form™ archwires.
(Total of 48 slots) White acrylic base.

Master Clear Cover
(As shown above)
14-1/2" L x 9" W x 3-1/8" H • 120-012



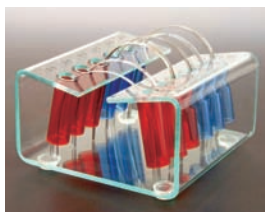
Small Posted Rack
4" L x 9-1/2" W x 2-1/8" H • 120-003
Has 12 rows of storage.
Base is numbered 22 through 44 to accommodate a full set of posted wires.
(Uses optional clear cover • 120-006MC)



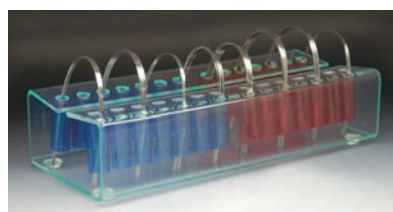
Covered Small Posted Rack
4-1/4" L x 10" W x 3-1/2" H • 120-003C
Has 14 rows of storage.
Base is numbered 22 through 44 to accommodate a full set of posted wires.

Designer Archwire Racks

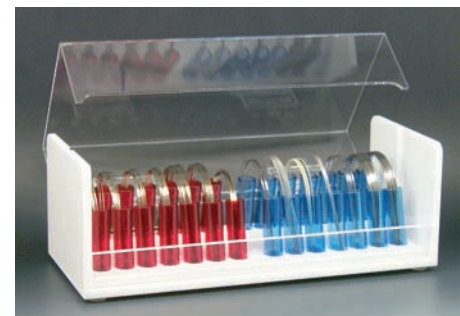
Constructed from formed clear acrylic that has a translucent green edge giving them the look of designer glass. These racks have tubes mounted inside the structure to hold the archwires. Tubes are divided into red and blue to easily separate upper & lower wires.



4-1/4" L x 4-1/4" W x 2-1/4" H
(small - holds 6) • 120-008



4-1/4" L x 9-1/2" W x 2-1/4" H
(large - holds 14) • 120-009



Deluxe Wire Rack with Clear Cover
4" L x 10" W x 4" H • 120-005
Compact, esthetically pleasing. Fits either standard or Pro Form™ arch shapes. Holds up to 14 different types. Clear hinged lid keeps wires sanitary and dust free.

Archwire Racks and Covers (continued)

Covered Utility Archwire Rack

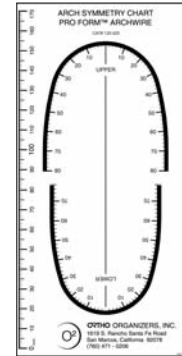
4-1/2" L x 10" W x 3-1/2" H • 120-007

Has 13 rows for storage. Archwire rows are colour-coded for stainless steel, round Nitanium® and rectangular Nitanium® for quick and easy identification.

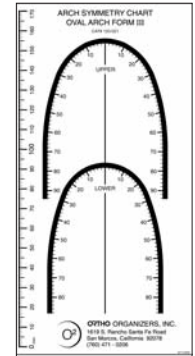


Pro Form™ and Oval Arch Form III™ Clear Archwire Templates

Each template shows the upper and lower arch shape for Pro Form™ or Oval Arch Form III™ 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)



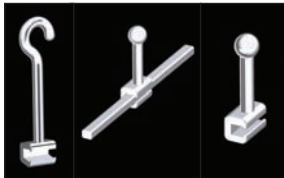
Pro Form™ Template
3-1/2" L x 7" W • 120-020



Oval Arch Form III™ Template
3-1/2" L x 7" W • 120-021

Crimpable Hooks and Stops

Crimpable Archwire Hooks



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 remains firmly in place during treatment. Ball hook may be bent for right or left applications. All hooks fit round or rectangular wire up to .018 x .025.

- Crimpable Ball Hooks (20 per pack) • 430-010
- Crimpable Archwire Power Hooks Rights (20 per pack) • 430-015
- Lefts (20 per pack) • 430-016
- Hook Crimping Plier (Straight) see page 105 • 201-435
- Hook Crimping Plier (Angled) see page 105 • 201-436

Crimpable Archwire Tubes with Hooks



Provides a firm anchor point for a variety of applications. Can be positioned anywhere on an archwire by threading the wire through the tube before engaging the brackets. The tube then can be locked securely into position by crimping it with a How Plier or dull wire cutter. (10 per pack)

- .017 x .025 Crimpable Tubes • 430-022
- .019 x .025 Crimpable Tubes • 430-023

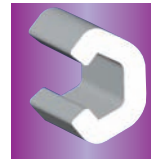
Archwire Stop Lock



Ideal for adjustable or tie-back stop applications, spring activation or for prevention of wire migration. Can 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 (sold separately). (5 per pack)

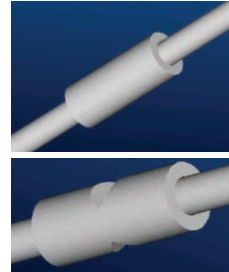
- .018 Archwire Stop Lock • 430-031
- .022 Archwire Stop Lock • 430-032
- .036 Archwire Stop Lock • 430-033
- .045 Archwire Stop Lock • 430-033A

MIM Crimp Stop



Our MIM Crimp Stop can be placed anywhere on an archwire to limit tooth movement or maintain proper wire positioning. Fits round or rectangular wire up to .021 x .025. (10 per pack) • 430-020

Micro-Stop



Use to limit movement or provide anchorage. Thread the Micro-Stop through the archwire to the desired location and crimp with a dull cutter, a Weingardt or most any other holding plier. The small size makes these comfortable for the patient while being inconspicuous. Available in two sizes. (25 per pack)

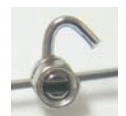
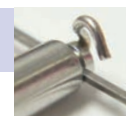
- 430-040 Small Fits .020" and up to .016" x .022"
- 430-041 Large Fits .018" x .018" up to .018" x .025"

Archwire Stop Lock with Hook

Ideal for anchorage, placement of elastics or springs and traction applications. Use Double-Sided Archwire Stop Lock Wrench to lock in place (sold separately). (5 per pack)



- Rights • 430-034
- Lefts • 430-035

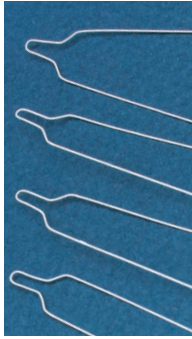


Double-Sided Archwire Stop Lock Wrench

Use for application of stop lock and stop lock with hook • 430-036



Ligature Wires & Auxiliaries

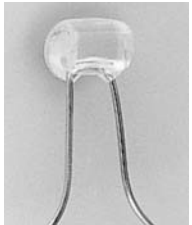


Pearl Tone® Preformed Ligature Wires

Coated with super smooth nonstick coating. Brackets glide effortlessly along archwire. Pearl tone white in .012 wire diameter. (100 per pack)

• 100-420

*Pearl Tone for that
esthetic look*



Ligature Rotation Wedges

Simply ligate this .090 elastomeric wedge under archwire to correct rotations. .012 ligature wire and clear wedge are threaded together. (25 per pack)

• 100-406



Spooled Dead Soft Ligature Wire

Dead soft ligature wire comes in an economical 1 pound spool for doctors who prefer to fabricate their own ligatures. Bright finish. (1 pound spool)

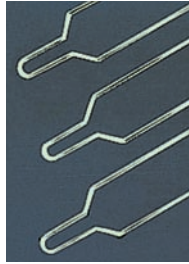
.009 Spooled Ligature Wire • 100-416
.010 Spooled Ligature Wire • 100-417
.011 Spooled Ligature Wire • 100-418



Shorty Ligature Twists

Time saving preformed wire is dead soft stainless steel ligature with ends twisted for quick placement. Fits Shorty Twist Holder or Mathieu Needle Holder. (500 per pack)

.010 • 100-412
.012 • 100-412B



Preformed Ligature Wires

Dead soft temper for maximum workability. Preformed to save valuable chair time. (1000 per pack)

.009 Preformed Ligature Wire • 100-401
.010 Preformed Ligature Wire • 100-402
.011 Preformed Ligature Wire • 100-403
.012 Preformed Ligature Wire • 100-407



Action Ligature Rotator

Rotates teeth without slipping. This slotted .090 elastomeric wedge and .012 ligature wire are firmly molded together. This rotator may be placed under the archwire to correct rotations. (20 per pack)

Gray • 100-408
Clear • 100-409



Kobayashi Ligature Tie Hooks

Wire is spot-welded together to form hook. Can be quickly tied in place in the same manner as ligature wire. (100 per pack)



.012 Kobayashi Hooks • 100-405
.014 Kobayashi Hooks • 100-404



Shorty Koby Twists

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)

.012 Shorty Koby Twists • 100-413
.014 Shorty Koby Twists • 100-414



Shorty Twist Holder

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.

• 200-428

Nitanium® Coil Springs

Nitanium® Coil Spring Kit

Manufactured from a super-elastic nickel titanium alloy. These springs are designed to open and close spaces with consistent and predictable results. Exclusive perpendicular loop design is easy to engage and remove.

KIT CONTAINS:

- 4 each .010 x .030 - 9mm Closing Springs
- 4 each .010 x .030 - 12mm Closing Springs
- 4 each .010 x .030 - 9mm Ligature Closing Springs
- 4 each .010 x .030 - 12mm Ligature Closing Springs
- 6 each .010 x .030 - 15mm Open Coil Springs
- 6 each .010 x .036 - 15mm Open Coil Springs
- 1 each Dispenser/Storage Case

Nitanium® Coil Spring Kit • 100-620



INDIVIDUAL COMPONENTS:

- .010 x .030 - 9mm Closing Springs (6 per pack) • 100-622
- .010 x .030 - 12mm Closing Springs (6 per pack) • 100-623
- .010 x .030 - 9mm Ligature Closing Springs (4 per pack) • 100-626
- .010 x .030 - 12mm Ligature Closing Springs (4 per pack) • 100-627
- .010 x .030 - 15mm Open Coil Springs (10 per pack) • 100-630
- .010 x .036 - 15mm Open Coil Springs (10 per pack) • 100-631

Applications for Individual Components

Nitanium® Closing Springs	Nitanium® Ligature Closing Springs	Nitanium® Open Coil Springs
<p>Excellent for closing spaces and anterior retraction. Easily engaged to bracket hook, buccal tube hook, sliding hook, or posted wire hook.</p>	<p>When distance between two hooks exceeds expansion limitation of this coil spring, use ligature closing spring to engage hooks.</p>	<p>Provides constant force for maximum efficiency in opening space when placed on wire compressed between two brackets.</p>

Nitanium® Closed Coil Springs

Nitanium® Closing Coil Springs are manufactured from our super-elastic nickel titanium alloy. Coil springs close spaces with consistent and predictable results. Exclusive perpendicular loop design is easy to engage and remove.



200 Grams of Force:

- .010 x .030 9mm • 100-622
- .010 x .030 12mm • 100-623

300 Grams of Force

(colour coded purple to distinguish from 200 gram force):

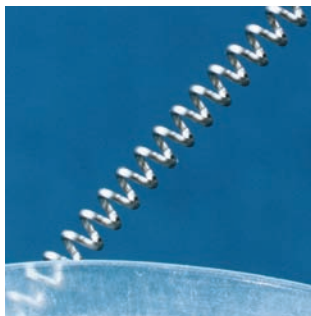
- .010 x .030 12mm • 100-636
- .010 x .030 14mm • 100-637
- .010 x .030 16mm • 100-638
- .010 x .030 18mm • 100-639

Nitanium® Coil Springs (continued)

Nitanium® 15" Spooled Open Coil Spring

Super-elastic, providing tooth movement which is constant, yet gentle for patients. Maximum efficiency in opening spaces when placed on wire and compressed between brackets. (15" spool)

- .009 x .030 Open (inner dia.) • 100-750
- .010 x .030 Open (inner dia.) • 100-751
- .012 x .030 Open (inner dia.) • 100-752
- .014 x .030 Open (inner dia.) • 100-753
- .010 x .036 Open (inner dia.) • 100-754
- .014 x .036 Open (inner dia.) • 100-755
- .010 x .045 Open (inner dia.) • 100-756
- .012 x .045 Open (inner dia.) • 100-757



Nitanium® 7" Length Open Coil Spring

This spring can be deflected twice its original length without taking a permanent set. Tooth movement is constant yet gentle. Provides maximum efficiency in opening or closing spaces when placed on wire and compressed between two brackets.

(3 per pack)

- .010 x .030 Open (inner dia.) • 100-643
- .010 x .036 Open (inner dia.) • 100-644
- .014 x .037 Open (inner dia.) • 100-642



Nitanium® Molar Distalizing Spring

Super-elastic .010 x .045 springs provide 100 grams of continuous force. Fits directly over archwire when distalizing molars. Attaches to hooks for canine/anterior retraction and can be customized to replace Class II elastics. (7" length)

(2 per pack)

- .010 x .045 • 100-647

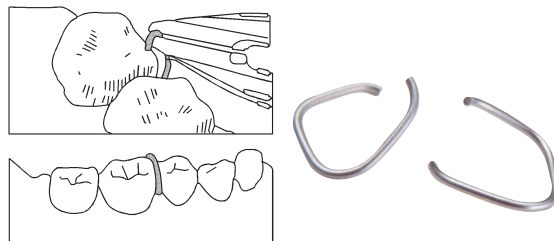


Nitanium® Separating Spring

Provides a light consistent force for optimum space opening in minimum time. Maximum patient comfort. Easy to place and self-seating. Simple to remove once sufficient space for banding is achieved.

(20 per pack)

- Small (Bicuspid) • 100-690
- Large (Molars) • 100-691



Wire Products & Auxiliaries

Spoiled Open Coil Spring and Closed Coil Spring

Coiled spring is made from hard, tempered wire that provides maximum efficiency in opening or closing space. May be placed on wire and between brackets.

(3' spool)

.010 x .030 Open Coil Spring	• 106-040
.010 x .036 Open Coil Spring	• 106-050
.010 x .045 Open Coil Spring	• 108-105
.007 x .025 Open Coil Spring	• 108-138
.009 x .040 Open Coil Spring	• 108-104
.010 x .030 Closed Coil Spring	• 106-060



Preformed Brass Separating Wire

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 (201-101) for best results. (100 per pack)

.020 Brass Separating Wire	• 105-020
.025 Brass Separating Wire	• 105-025



Australian Super Plus™ Archwire

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

(25' Roll)

.014	• 107-120
.016	• 107-121
.018	• 107-122
.020	• 107-123



Ball Clasp

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)

.028 Ball Clasp	• 032-050
.032 Ball Clasp	• 032-051



Solder Flux

Smooth creamy formula for easy application and adherence. Designed for chrome alloy wires. May be thinned with water.

(4 oz. jar)

Solder Flux	• 600-130
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Pletcher Tension Springs

.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 Pro Form™ Posted Arches.

(50 per pack)

Pletcher Tension Springs • 106-010

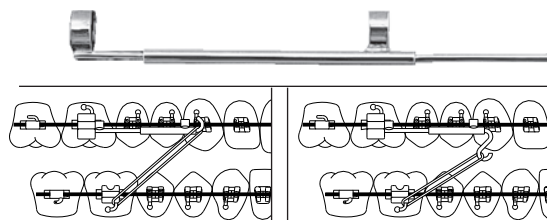


Adjustable Sliding Yoke

Fully adjustable and easily sized to required length. Useful for distally driving molars or bicuspid or maintaining molar anchorage.

(10 per pack)

Adjustable Sliding Yoke • 106-210



Silver Solder Paste with Flux

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)

Silver Solder Paste with Flux • 600-150



Heat Shield

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)

Heat Shield • 600-121

