



**OptiFlex** Super Elastic  
Nickel Titanium  
Arches

**Thermal** OptiFlex Thermal  
Nickel Titanium  
Arches

**Dimpled** Super Elastic  
Nickel Titanium  
Arches

**Thermal  
Dimpled** OptiFlex Thermal  
Nickel Titanium  
Arches

**Reverse  
Curve** Super Elastic  
Nickel Titanium  
Arches

**TRI-FORCE**  
MULTI-MODULOUS ARCHWIRE

**TI-BEND** Nickel-Free  
Beta Titanium  
Arches

## About our NiTi Products...

Fairfield Orthodontics' nickel titanium wire products are manufactured right here in Connecticut by one of the world's largest wire manufacturers. Constructed from the finest raw materials using the latest technology, we are confident that our NiTi wire products are the finest available.

All wires are highly polished providing a silky smooth finish, minimizing friction. Acid etched markings clearly distinguish upper and lower arches. We carry a large variety of shapes and sizes to suit every practice's needs.

This year we are pleased to offer a wider range of sizes. New to our line is also Tri-Force which is a multi-modulous arch wire specifically engineered to deliver ideal forces to specific regions of the mouth in a single arch wire. Fairfield Orthodontics also offers a wide range of nickel-free beta-titanium products.

Fairfield Orthodontics also wants to make the ordering process as simple as possible. Therefore, we developed the ez fax ordering system. On the back of this page is a fax order form which can be copied and used for placing wire orders. You will find a similar order form at the beginning of each section throughout the catalog- each specifically designed for ordering the products in that section.



## Full Form



### 3 New Sizes

.014" x .025"	NT-45U/L
.016" x .025"	NT-65U/L
.020" x .020"	NT-22U/L

● Round	Upper	Lower
.012"	NT-12U	NT-12L
.014"	NT-14U	NT-14L
.016"	NT-16U	NT-16L
.018"	NT-18U	NT-18L
.020"	NT-20U	NT-20L
■ Rectangular	Upper	Lower
.016" x .016"	NT-66U	NT-66L
.016" x .022"	NT-62U	NT-62L
.017" x .025"	NT-75U	NT-75L
.018" x .018"	NT-88U	NT-88L
.018" x .025"	NT-85U	NT-85L
.019" x .025"	NT-95U	NT-95L
.021" x .025"	NT-25U	NT-25L

## International Form



### 3 New Sizes

.014" x .025"	NTN-45U/L
.016" x .025"	NTN-65U/L
.020" x .020"	NTN-22U/L

● Round	Upper	Lower
.012"	NTN-12U	NTN-12L
.014"	NTN-14U	NTN-14L
.016"	NTN-16U	NTN-16L
.018"	NTN-18U	NTN-18L
.020"	NTN-20U	NTN-20L
■ Rectangular	Upper	Lower
.016" x .016"	NTN-66U	NTN-66L
.016" x .022"	NTN-62U	NTN-62L
.017" x .025"	NTN-75U	NTN-75L
.018" x .018"	NTN-88U	NTN-88L
.018" x .025"	NTN-85U	NTN-85L
.019" x .025"	NTN-95U	NTN-95L
.021" x .025"	NTN-25U	NTN-25L

## Standard Form



### We now carry

.020" x .020"	NTS-22U/L
---------------	-----------

● Round	Upper	Lower
.012"	NTS-12U	NTS-12L
.014"	NTS-14U	NTS-14L
.016"	NTS-16U	NTS-16L
.018"	NTS-18U	NTS-18L
.020"	NTS-20U	NTS-20L
■ Rectangular	Upper	Lower
.016" x .016"	NTS-66U	NTS-66L
.016" x .022"	NTS-62U	NTS-62L
.017" x .025"	NTS-75U	NTS-75L
.018" x .018"	NTS-88U	NTS-88L
.018" x .025"	NTS-85U	NTS-85L
.019" x .025"	NTS-95U	NTS-95L
.021" x .025"	NTS-25U	NTS-25L

## About our NiTi Wire:

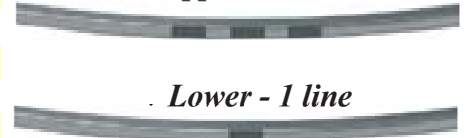
OptiFlex Nickel Titanium Archwire is manufactured from the finest raw materials available using the latest technology. The result is a consistent and accurate archwire with optimal sliding mechanics, predictable force levels, and resistance to deformation for high spring back. Your satisfaction is GUARANTEED.

## Silky Smooth, Bright Finish



## Permanent Etched Midline

Upper - 3 lines



Lower - 1 line

## Save with Bulk Packs!

25 arches per pack

100 arches per BULK pack



- Silky Smooth, Bright Finish
- "Memory" Type Archwire
- For initial leveling, aligning, and alleviating crowding

## Thermal Full Form



We now carry

.020" x .020" TN-22U/L

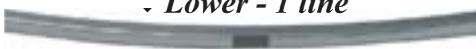
Round	Upper	Lower
.012"	TN-12U	TN-12L
.014"	TN-14U	TN-14L
.016"	TN-16U	TN-16L
.018"	TN-18U	TN-18L
.020"	TN-20U	TN-20L
Rectangular	Upper	Lower
.016" x .016"	TN-66U	TN-66L
.016" x .022"	TN-62U	TN-62L
.017" x .025"	TN-75U	TN-75L
.018" x .018"	TN-88U	TN-88L
.018" x .025"	TN-85U	TN-85L
.019" x .025"	TN-95U	TN-95L
.021" x .025"	TN-25U	TN-25L

## Permanent Etched Midline

Upper - 3 lines



Lower - 1 line



## Thermal International Form



We now carry

.020" x .020" ITN-22U/L

Round	Upper	Lower
.012"	ITN-12U	ITN-12L
.014"	ITN-14U	ITN-14L
.016"	ITN-16U	ITN-16L
.018"	ITN-18U	ITN-18L
.020"	ITN-20U	ITN-20L
Rectangular	Upper	Lower
.016" x .016"	ITN-66U	ITN-66L
.016" x .022"	ITN-62U	ITN-62L
.017" x .025"	ITN-75U	ITN-75L
.018" x .018"	ITN-88U	ITN-88L
.018" x .025"	ITN-85U	ITN-85L
.019" x .025"	ITN-95U	ITN-95L
.021" x .025"	ITN-25U	ITN-25L

## Chill Spray

Softens NiTi Wire

Turns wire soft and pliable instantly. Engage wires more easily. Chills wire -62°F / -52°C.

6 oz. (170 g) can  
Item #CH-200



## Thermal Standard Form



We now carry

.020" x .020" TNS-22U/L

Round	Upper	Lower
.012"	TNS-12U	TNS-12L
.014"	TNS-14U	TNS-14L
.016"	TNS-16U	TNS-16L
.018"	TNS-18U	TNS-18L
.020"	TNS-20U	TNS-20L
Rectangular	Upper	Lower
.016" x .016"	TNS-66U	TNS-66L
.016" x .022"	TNS-62U	TNS-62L
.017" x .025"	TNS-75U	TNS-75L
.018" x .018"	TNS-88U	TNS-88L
.018" x .025"	TNS-85U	TNS-85L
.019" x .025"	TNS-95U	TNS-95L
.021" x .025"	TNS-25U	TNS-25L

## Dimpled Super Elastic Nickel Titanium Arches

### Dimpled Full Form

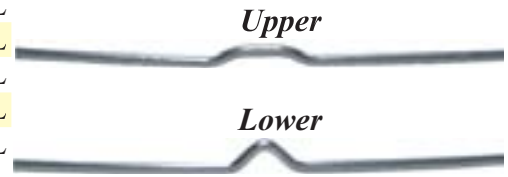


We now carry

.020" x .020" DNT-22U/L

Round	Upper	Lower
.012"	DNT-12U	DNT-12L
.014"	DNT-14U	DNT-14L
.016"	DNT-16U	DNT-16L
.018"	DNT-18U	DNT-18L
.020"	DNT-20U	DNT-20L
Rectangular	Upper	Lower
.016" x .016"	DNT-66U	DNT-66L
.016" x .022"	DNT-62U	DNT-62L
.017" x .025"	DNT-75U	DNT-75L
.018" x .018"	DNT-88U	DNT-88L
.018" x .025"	DNT-85U	DNT-85L
.019" x .025"	DNT-95U	DNT-95L
.021" x .025"	DNT-25U	DNT-25L

### Dimpled Midline *Prevents Wire Slippage*



- Silky Smooth, Bright Finish  
- No Wire Slip with Dimple

### Dimpled International Form



We now carry

.020" x .020" DNN-22U/L

Round	Upper	Lower
.012"	DNN-12U	DNN-12L
.014"	DNN-14U	DNN-14L
.016"	DNN-16U	DNN-16L
.018"	DNN-18U	DNN-18L
.020"	DNN-20U	DNN-20L
Rectangular	Upper	Lower
.016" x .016"	DNN-66U	DNN-66L
.016" x .022"	DNN-62U	DNN-62L
.017" x .025"	DNN-75U	DNN-75L
.018" x .018"	DNN-88U	DNN-88L
.018" x .025"	DNN-85U	DNN-85L
.019" x .025"	DNN-95U	DNN-95L
.021" x .025"	DNN-25U	DNN-25L

## Aluminum Organizer

Holds All Wire Types and Sizes

Stylish Brushed Aluminum.  
Comes complete with labels.  
Dust Cover Included.

Item #999-ALU



## Oak Organizer *p. 66*



## Acrylic Organizer *p. 69*



See page 69  
for more wire  
accessories and  
organizers!

- Silky Smooth, Bright Finish
- "Memory" Type Archwire
- For initial leveling, aligning, and alleviating crowding
- Prevent Wire Slip w/ Dimpled

## Thermal Dimpled Full Form

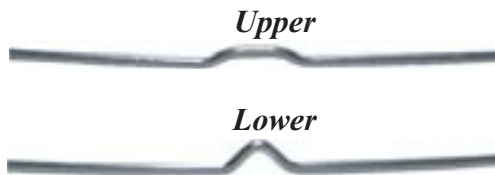


We now carry

.020" x .020" TND-22U/L

Round	Upper	Lower
.012"	TND-12U	TND-12L
.014"	TND-14U	TND-14L
.016"	TND-16U	TND-16L
.018"	TND-18U	TND-18L
.020"	TND-20U	TND-20L
Rectangular	Upper	Lower
.016" x .016"	TND-66U	TND-66L
.016" x .022"	TND-62U	TND-62L
.017" x .025"	TND-75U	TND-75L
.018" x .018"	TND-88U	TND-88L
.018" x .025"	TND-85U	TND-85L
.019" x .025"	TND-95U	TND-95L
.021" x .025"	TND-25U	TND-25L

## Dimpled Midline Prevents Wire Slippage



## Thermal Dimpled International Form



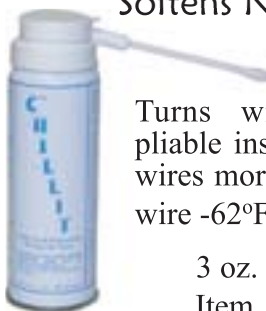
We now carry

.020" x .020" ITND-22U/L

Round	Upper	Lower
.012"	ITND-12U	ITND-12L
.014"	ITND-14U	ITND-14L
.016"	ITND-16U	ITND-16L
.018"	ITND-18U	ITND-18L
.020"	ITND-20U	ITND-20L
Rectangular	Upper	Lower
.016" x .016"	ITND-66U	ITND-66L
.016" x .022"	ITND-62U	ITND-62L
.017" x .025"	ITND-75U	ITND-75L
.018" x .018"	ITND-88U	ITND-88L
.018" x .025"	ITND-85U	ITND-85L
.019" x .025"	ITND-95U	ITND-95L
.021" x .025"	ITND-25U	ITND-25L

## Mini Chill-It Spray

Softens NiTi Wire



Turns wire soft and pliable instantly. Engage wires more easily. Chills wire -62°F / -52°C.

3 oz. (85 g) can  
Item #CH-100

## Oak Organizer

Holds All Wire Types and Sizes



Comes with labels.  
Dust Cover Included.

Item #999-OAK



# Reverse Curve

Super Elastic  
Nickel Titanium  
Arches

# NiTi Wire

Nickel Titanium Arches available with or without dimple.  
Straight leg Intrusion arch is also available. All wires have  
a permanent acid etched midline and are GUARANTEED!

## Reverse Curve



Round	Upper	Lower
.014"	RC-14U	RC-14L
.016"	RC-16U	RC-16L
.018"	RC-18U	RC-18L
.020"	RC-20U	RC-20L
Rectangular	Upper	Lower
.016" x .016"	RC-66U	RC-66L
.016" x .022"	RC-62U	RC-62L
.017" x .025"	RC-75U	RC-75L
.018" x .018"	RC-88U	RC-88L
.018" x .025"	RC-85U	RC-85L
.019" x .025"	RC-95U	RC-95L
.021" x .025"	RC-25U	RC-25L

## Reverse Curve With Dimple



Round	Upper	Lower
.014"	RCD-14U	RCD-14L
.016"	RCD-16U	RCD-16L
.018"	RCD-18U	RCD-18L
.020"	RCD-20U	RCD-20L
Rectangular	Upper	Lower
.016" x .016"	RCD-66U	RCD-66L
.016" x .022"	RCD-62U	RCD-62L
.017" x .025"	RCD-75U	RCD-75L
.018" x .018"	RCD-88U	RCD-88L
.018" x .025"	RCD-85U	RCD-85L
.019" x .025"	RCD-95U	RCD-95L
.021" x .025"	RCD-25U	RCD-25L

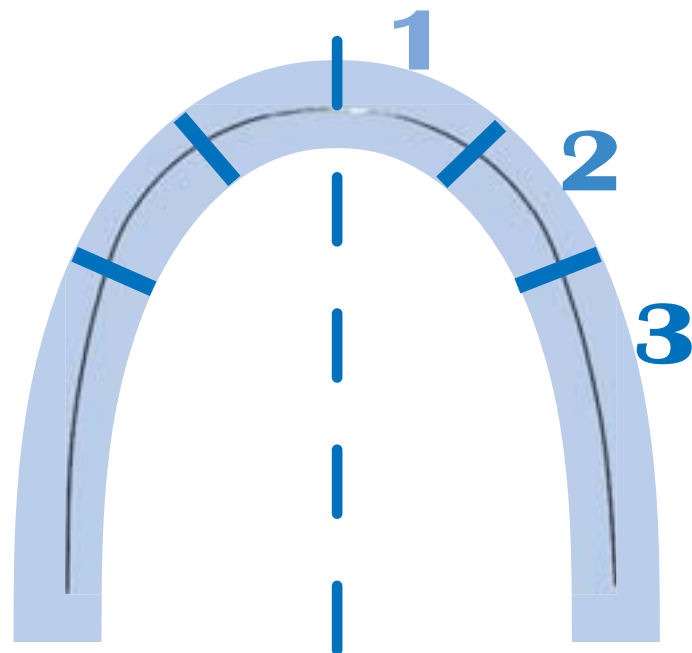
## Intrusion Straight Leg



Round	Upper	Lower
.014"	RC2-14U	RC2-14L
.016"	RC2-16U	RC2-16L
.018"	RC2-18U	RC2-18L
.020"	RC2-20U	RC2-20L
Rectangular	Upper	Lower
.016" x .016"	RC2-66U	RC2-66L
.016" x .022"	RC2-62U	RC2-62L
.017" x .025"	RC2-75U	RC2-75L
.018" x .018"	RC2-88U	RC2-88L
.018" x .025"	RC2-85U	RC2-85L
.019" x .025"	RC2-95U	RC2-95L
.021" x .025"	RC2-25U	RC2-25L

# NiTi Wire

"One archwire that delivers ideal forces to specific regions of the mouth for optimal individual tooth movement."



**1** Gentle forces in the centrals

**2** SE 1 Forces in Pre-Molar Region

**3** SE 2 Forces in Molar Region

## TRI-FORCE MULTI-MODULOUS ARCHWIRE

Tri-Force is our most technologically advanced archwire. The wire's design produces three different forces in the ideal regions of the mouth. The centrals exhibit Martensitic 2 forces for easier ligation earlier in treatment, the premolars exhibit SE 1 forces to move deep-rooted pre-molars, and the molar region exhibit SE 2 force values which enhance anchorage and provide greater stability. Each section of the archwire is clearly marked with FDA approved ink.

● Round	Upper	Lower
.016"	TRI-16U	TRI-16L
.018"	TRI-18U	TRI-18L
.020"	TRI-20U	TRI-20L
■ Rectangular	Upper	Lower
.016" x .016"	TRI-66U	TRI-66L
.016" x .022"	TRI-62U	TRI-62L
.017" x .025"	TRI-75U	TRI-75L
.018" x .018"	TRI-88U	TRI-88L
.018" x .025"	TRI-85U	TRI-85L
.019" x .025"	TRI-95U	TRI-95L
.021" x .025"	TRI-25U	TRI-25L

## Spooled NiTi Wire

15 foot spool



Size	Part #
.012"	NSP-012
.014"	NSP-014
.016"	NSP-016
.018"	NSP-018
.020"	NSP-020

## Straight Length NiTi Wire

10 7" Lengths per Tube



Round	Part #
.014"	NTL-014
.016"	NTL-016
.018"	NTL-018
.020"	NTL-020
Rectangular	Part #
.016" x .016"	NTL-066
.016" x .022"	NTL-062
.017" x .025"	NTL-075
.018" x .018"	NTL-088
.018" x .025"	NTL-085
.019" x .025"	NTL-095
.021" x .025"	NTL-025

## NiTi Open Coil Springs

15" spools and 7" lengths



Size	7" Lengths	15" Spools
.010" x .030"	350-101	350-101S
.012" x .030"	350-102	350-102S
.014" x .036"	350-103	350-103S

## NiTi Closed Coil Springs

9mm and 12mm sizes



10 per pack

6mm	#NCS-06
9mm	#NCS-09
12mm	#NCS-12

## NiTi Distalizing Springs

15" spools and 7" lengths



Size	7" Lengths	15" Spools
.010" x .036"	350-201	350-201S
.010" x .045"	350-202	350-202S

## Acrylic Organizer

Holds All Wire Types and Sizes



100% acrylic with hinged dust cover.

Item #999-ACR



## Archwire Markers

Disposable Markers and Dispenser

Markers (100 /pk) #OGM-401

Dispenser #OGM-400



# Beta Titanium

- Nickel-Free
- Extra length for loops / bends
- Force levels between NiTi and Stainless Steel



"Bend it Anyway you want!"



Extra Length  
Full Form



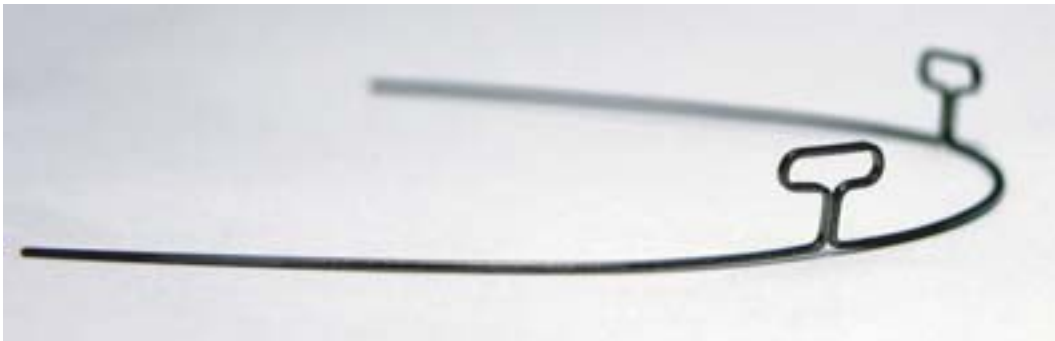
# TI-BEND

Nickel-Free  
Beta Titanium  
Arches

Constructed of 100% Beta Titanium, our Ti-Bend arches have set a new benchmark in nickel-free arches. Ti-bend arches have excellent memory properties which allow a low load of deflection rate yet will easily accept and maintain bends and activations. Available in extra length full form, and T-Looped.

● Round	Upper	Lower
.016"	TB-16U	TB-16L
.018"	TB-18U	TB-18L
.020"	TB-20U	TB-20L
■ Rectangular	Upper	Lower
.016" x .016"	TB-66U	TB-66L
.016" x .022"	TB-62U	TB-62L
.017" x .025"	TB-75U	TB-75L
.018" x .018"	TB-88U	TB-88L
.018" x .025"	TB-85U	TB-85L
.019" x .025"	TB-95U	TB-95L
.021" x .025"	TB-25U	TB-25L

# TI-BEND T-LOOPED



Nickel-Free



T-Looped  
Full Form

Wire Size	Loop Spacing (measured along wire, between loops)											
	24mm	26mm	28mm	30mm	32mm	34mm	36mm	38mm	40mm	42mm	46mm	
.016" x .022"	TL-624	TL-626	TL-628	TL-630	TL-632	TL-634	TL-636	TL-638	TL-640	TL-642	TL-646	
.017" x .025"	TL-724	TL-726	TL-728	TL-730	TL-732	TL-734	TL-734	TL-734	TL-734	TL-734	TL-734	
.019" x .025"	TL-924	TL-926	TL-928	TL-930	TL-932	TL-934	TL-934	TL-934	TL-934	TL-934	TL-934	

- Versatile in closing spaces
- Great for retracting anteriors
- Allows for longer activations
- Control root position of posterior teeth

VECTOR III®

# SPACE MAKERS™

U.S. Patent # 5,984,675

## Make space easily, in less time.



Beginning X-Ray with 16mm Spacemaker™

Progress X-Ray 1 month 12days

Progress X-Ray 1 month 18 days

### Exhibit 1

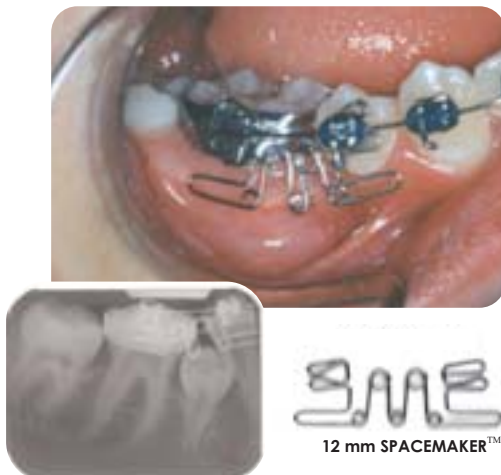
Usage of 20mm Spacemaker™



20 mm SPACE MAKER

### Exhibit 2

Usage of 12mm Spacemaker



12 mm SPACE MAKER™

Spacemakers™ are used to make space for impacted teeth in an arch while moving the roots and crowns away from the impacted tooth.

The patented "slide and grip" attachment reduces the tendency for adjacent teeth to tip, rotate, and move undesirably.

The appliance is easily placed over most commonly used conventional brackets. It is not necessary to tie into or remove the wire.

Spacemakers™ are manufactured from an exclusive wire, VECTORLOY™. This gives the wire flex and force control, without brittleness.

### Spacemaker™ Kits

- #SPA-12 Box of 5- 12mm spacemakers™
- #SPA-16 Box of 5- 16mm spacemakers™
- #SPA-20 Box of 5- 20mm spacemakers™
- #SPA-99 Box of 2- 12mm, 2- 16mm, 1- 20 mm

### Exhibit 3

Usage of 16mm Spacemaker



16 mm SPACE MAKER™

