

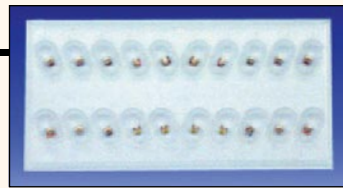
# NANDA Prescription

To Order Nickel-Lite® Specify **NL** with Item Number

Arch	Centrals		Laterals		Cuspids		1st Bicuspid		2nd Bicuspid		1st Molars			2nd Molars				
	Torque	Tip	Torque	Tip	Torque	Tip	Torque	Tip	Torque	Tip	Off	Torque	Tip	Off	Torque	Tip	Off	
Upper	+17	+4	+11	+9	-7	+10	-7	0	-7	0	-14	0	+14	-14	0	+14		
Lower	0	0	0	0	-11	+5	-17	0	-22	0	-25	0	+4	-25	0	+4		

	Description / Color Code	Torque	Angulation	Catalog Numbers	
				.018	.022
	<b>5x5 Set (Hooks on cuspids)</b>			702-298RN	702-398RN
	<b>5x5 Set Hooks on cuspids and bicuspid</b>			702-299RN	702-399RN
	<b>Quick Pac 5x5 (Hooks on cuspids)</b>			702-298RNQ	702-398RNQ
	<b>Quick Pac 5x5 (Hooks on cuspids &amp; bicuspid)</b>			702-299RNQ	702-399RNQ
Centrals	Upper Right Twin - Black	+17°	+4°	702-209	702-309
	Upper Left Twin - Black	+17°	+4°	702-210	702-310
Laterals	Upper Right Twin - Pink	+11°	+9°	702-225	702-325
	Upper Left Twin - Pink	+11°	+9°	702-226	702-326
Lower Anteriors	Lower Right Twin - Yellow	0°	0°	702-235	702-335
	Lower Left Twin - Yellow	0°	0°	702-236	702-336
Cuspids	Upper Right Twin/hook - Green	-7°	+10°	702-253HK	702-353HK
	Upper Left Twin/hook - Green	-7°	+10°	702-254HK	702-354HK
	Lower Right Twin/hook - Lt. Blue	-11°	+5°	702-267HK	702-367HK
	Lower Left Twin/hook - Lt. Blue	-11°	+5°	702-268HK	702-368HK
Bicuspid	Upper Right Twin - Purple	-7°	0°	702-259	702-359
	Upper Left Twin - Purple	-7°	0°	702-260	702-360
	Upper Right Twin/hook - Purple	-7°	0°	702-259HK	702-359HK
	Upper Left Twin/hook - Purple	-7°	0°	702-260HK	702-360HK
	Lower Right Twin - White	-17°	0°	702-289SP	702-389SP
	Lower Left Twin - White	-17°	0°	702-290SP	702-390SP
	Lower Right Twin/hook - White	-17°	0°	702-289HKSP	702-389HKSP
	Lower Left Twin/hook - White	-17°	0°	702-290HKSP	702-390HKSP
	Lower Right Twin - Red	-22°	0°	702-293SP	702-393SP
	Lower Left Twin - Red	-22°	0°	702-294SP	702-394SP
	Lower Right Twin/hook - Red	-22°	0°	702-293HKSP	702-393HKSP
	Lower Left Twin/hook - Red	-22°	0°	702-294HKSP	702-394HKSP

Convenient Quick Pac Sets



## Elite® Weldable Molars

• Metal Injection Molding  
• Low Profile Design

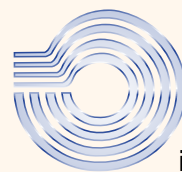
Maxillary Prescription	Description	Torque	Ang.	Offset	Catalog Numbers	
					.018/.045	.022/.045
Upper 1st Molar Double Buccal Tube (DBT)	Upper Right	-14°	0°	+14°	900-019	900-119
	Upper Left	-14°	0°	+14°	900-020	900-120
Upper 1st Molar Triple Buccal Tube (TBT)	Upper Right	-14°	0°	+14°	900-009	900-109
	Upper Left	-14°	0°	+14°	900-010	900-110
Upper 1st Molar Buccal Tube (STD)	Upper Right	-14°	0°	+14°	900-033	900-133
	Upper Left	-14°	0°	+14°	900-034	900-134
Upper 2nd Molar Mini Buccal Tube	Upper Right	-14°	0°	+14°	900-013	900-113
	Upper Left	-14°	0°	+14°	900-014	900-114
Mandibular Prescription	Lower Right	-25°	0°	+4°	900-021	900-121
	Lower Left	-25°	0°	+4°	900-022	900-122
Lower 1st Molar Double Buccal Tube (DBT)	Lower Right	-25°	0°	+4°	900-023	900-123
	Lower Left	-25°	0°	+4°	900-024	900-124
Lower 2nd Molar Mini Buccal Tube	Lower Right	-25°	0°	+4°	900-031	900-131
	Lower Left	-25°	0°	+4°	900-032	900-132



### Dr. Ravindra Nanda

Dr. Ravindra Nanda has done extensive research during the last thirty years in the areas of cleft lip and palate, orthopedic forces, and on long-term growth with orthognathic surgery in adolescents. In recent years, his major thrust has been in clinical orthodontic trials and application of biomechanics in a busy orthodontic practice.

Dr. Nanda is a Diplomate of the American Board of Orthodontics and an active member of various organizations, including the American Associate of Orthodontists, European Orthodontic Society, and Edward H. Angle Society. Dr. Nanda is the author of the best selling book *Biomechanics in Clinical Orthodontics*.



Ortho Organizers, Inc. was one of the industry's first to commit 100 percent of its manufacturing processes to state-of-the-art Metal-Injection Molding (MIM). Metal-Injection Molding is an efficient, patented, multi-step process which forms products to exacting dimensions and tolerances.



Ortho Organizers Metal-Injection-Mold Machines.  
Photo courtesy of Injection Molding Magazine.

A CANADIAN COMPANY

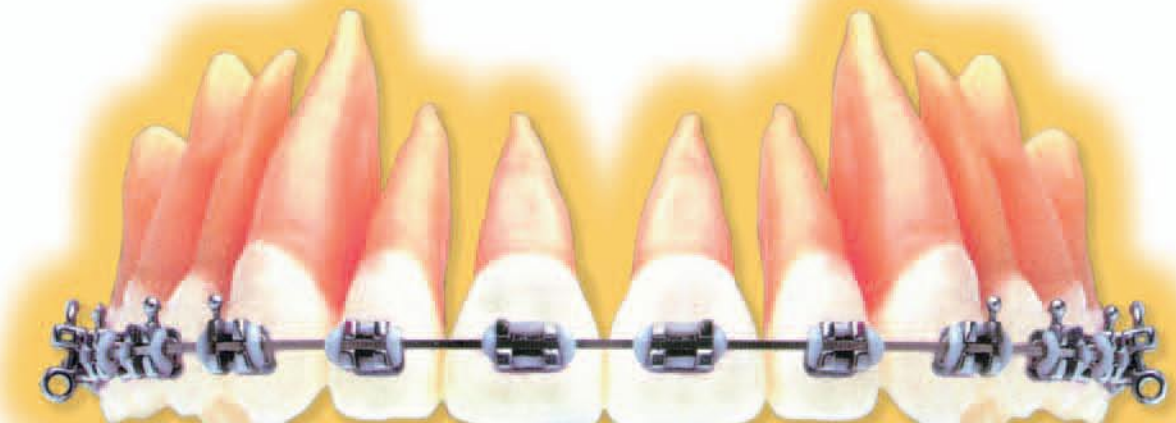


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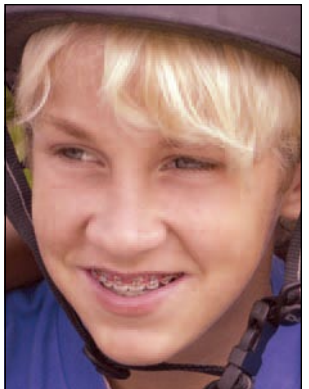


## NANDA Biomechanical Appliance System

Optimum Control Throughout Treatment with Light Biocompatible Force!

Pre-programmed, pre-formed biomechanical bracket and wire systems.

- Nanda Prescription MINI TWIN® Brackets
- CIA™ Nitanium® Intrusion/Extrusion Arches
- CNA™ Beta III Mushroom Loop™ Archwires
- CNA™ Beta III Reverse Loop Palatal Bars
- Bio-Kinetix™ Thermal Nitanium® Archwires



Advancing the Future of Orthodontics!™



## THE NANDA BIOMECHANICAL APPLIANCE SYSTEM

*Your Clinical Advantage!*

This appliance system transcends all techniques to achieve proper torque, axial inclinations and in and out positioning of teeth with precision. The bracket systems help in accentuating the effects of biomechanically oriented appliances.

It is based on the principle that a biomechanically sound force system is the primary source of tooth movement. Brackets and tubes help in achieving final treatment goals by providing optimal torque, angulation and intra and inter-tooth positions. The system allows the control of torque and angulation of maxillary anterior teeth early in the treatment without engaging large dimension wires.

Flexibility of using small dimension stainless steel wires, nickel titanium wires, large dimension thermal wires or Kinetix™ wires early in treatment allows torque and angulation to be maintained throughout the treatment.

Application of Connecticut Intrusion Arches (CIA™) to correct Class II molar relation and correction of deep bites or open bites allows simultaneous ideal positioning of maxillary and mandibular anterior teeth.

New Beta III Titanium CNA™ archwires further compliment the system when loops and bends are desired in the archwire to open or close spaces and to straighten axial inclinations of teeth.

Preformed Beta III CNA™ arches with predetermined bends allow ease in space closure without the need for uprighting of teeth. Bracket geometry of the Nanda Bracket System allows the use of sophisticated biomechanically sound appliances as well as simple intra-arch mechanics to achieve treatment goals. The Nanda Biomechanical Appliance System allows the use of integrated bracket and appliance (wire) systems with pre-calibrated and predetermined force, helping to achieve the beautiful smiles demanded by clinicians and patients.



**Dr. Ravindra Nanda**



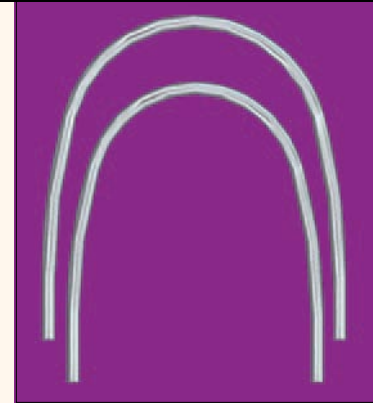
## Nanda Prescription Elite® Opti-MIM® Regular Profile MINI-TWIN® Brackets

Ortho Organizer's Elite® Opti-MIM® brackets are created by state-of-the-art metal injection molding (MIM) to produce a single-piece bracket, which eliminates bracket and pad separation issues. In addition, Elite® Opti-MIM® brackets feature a patented, micro-etched Grip-LOK® base, which has

been proven by university research to provide improved bond strength and greatly reduce bond failures. Elite® Opti-MIM® brackets are fully programmed to the straight arch system with torque-in-base and are anatomically designed (mesial-distal/occlusal/gingival) with tooth shape compound/contour so an accurate fit is made on each individual tooth every time. Elite® Opti-MIM® brackets are available in Stainless Steel or Nickel-Lite® (for nickel-sensitive patients).

## BIO-TITANIUM™ SMART™ ARCHWIRES

### CNA™ BETA III Archwire



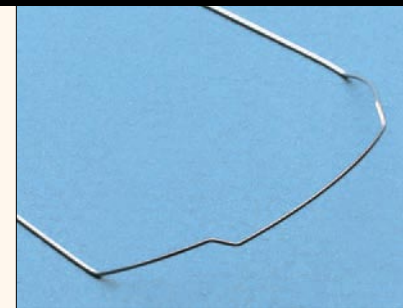
This improved TMA\* alternative allows optimal control of torque and angulation of teeth in the earlier stages of treatment. Switch to CNA™ and experience less breakage, less friction and maintain loops better.

*Pro Form™ (shown), Oval Arch III™, or 14" Straight Lengths... (see table on next page)*

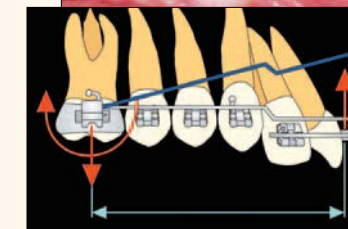


\*TMA is a registered trademark of Ormco Corporation.

### CIA™ Nitanium® Intrusion/Extrusion Arch



These 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.



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

### CNA™ BETA III Mushroom Loop™



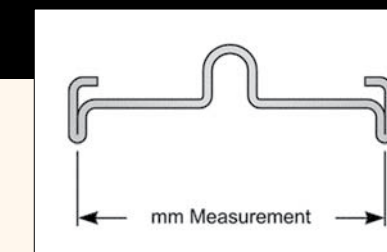
Through its advanced special memory alloy material and improved loop shape, this archwire significantly increases the efficiency of space closure, anterior intrusion, retraction and elastic engagement.



### CNA™ BETA III Reverse Loop Palatal Bar



Mesially orientated loop to reduce gag reflex. .036 lingual sheath. Control upper 1st molars with gentle biocompatible force.



## NANDA Archwire Selection

Wire sizes listed accommodate doctor's use of either .018 or .022 Archwire Slots

Type of Tooth Movement/Wire	Wire Size	Pro Form™ Upper	Oval Arch III™ Upper	Pro Form™ Lower	Oval Arch III™ Lower
<b>ALIGNING:</b> <i>Nitanium® (Nickel Titanium)</i>	.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
<i>Kinetix™ (Thermal Nitanium®)</i>	.016	100-854	101-464	100-855	101-465
	.018	100-856	101-466	100-857	101-467
	.016 x .022	100-862	101-472	100-863	101-473
<b>CNA™</b>	.016	100-941	101-504	100-951	101-505
	.018	100-942	101-506	100-952	101-507
	.016 x .022	100-944	101-512	100-954	101-513
<b>INTRUSION/EXTRUSION CLASS II MOLAR CORRECTION:</b> <i>Connecticut Intrusion Arch (CIA™)</i>	.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	—
<b>SPACE CLOSURE:</b> <i>CNA™ Mushroom Loop™</i>	Kit contains 4 each: 24, 26, 28, 30, 32, 34, 36, 38, 40mm	.017 x .025 Kit	—	—	—
		.019 x .025 Kit	—	—	—
<b>FINISHING:</b> <i>Stainless Steel (Golden)</i>	.016 x .022	100-105	—	100-115	—
	.017 x .025	100-106	—	100-116	—
	.019 x .025	100-108	—	100-118	—
<b>CNA™</b>	.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
<b>14" Straight CNA™ Lengths</b>	Catalog #:	101-008	101-009	101-012	
	Wire Size:	.016 x .022	.017 x .025	.019 x .025	

## TWIN FORCE® CLASS II and Class III Correction

The Titanium TWIN FORCE® is a big improvement over other like appliances for Class II and Class III correction. Small but strong, the TWIN FORCE® is a one-piece appliance that allows lateral mouth movement and features encased dual Nitanium® springs that provide gentle, continuous forces, reducing condular resorption. The TWIN FORCE® is more comfortable for patients, less intrusive to soft tissue, and features enclosed force modules making it more hygienic than other spring devices. It is precision-machined for accuracy, and all components are laser-welded to ensure single-unit functioning while minimizing separation.

### MEASURING FOR DOUBLE LOCK

1. Measure from the distal edge of the lower cuspid bracket to the mesial end of the upper molar tube.
2. If measurement is 27mm+ use the standard size. If measurement is less than 27mm, use the small size.

**TWIN FORCE® DOUBLE LOCK**

Small  
#424-216Ti  
Standard  
#424-215Ti

