



## Product Catalog • Europe

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# 01

## COMPANY PROFILE

Since 1933, Rocky Mountain Orthodontics (RMO®) has been on the forefront of innovation and continuous improvement of products and services in the orthodontic industry. RMO® introduced many advancements to the industry such as: stainless steel, which eliminated the use of precious metals, computer aided diagnostics, and the utilization of metal injection molding (MIM).

These technologies have since become worldwide industry standards due to the effectiveness, accuracy and production efficiencies. Through the years, RMO® has pioneered the industry with a strong emphasis on innovation and collaboration.

RMO® is much more than a business and model of excellence among Colorado corporations; it is the first privately held orthodontic firm in the United States and is a Colorado institution with history tightly linked to Denver and orthodontics itself.

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## Our People, Our Biggest Asset

Before the advent of Tru-Chrome stainless steel, and prior to the founding of RMO®, orthodontists had to be skilled craftsman as well as doctors. In fact, much of their time was spent devising, constructing and maintaining their own oral appliances. All of that changed with the development of versatile Tru-Chrome stainless steel alloys coupled with the ingenuity and foresight of RMO®'s founder, Dr. Archie Brusse. Dr. Brusse was a pioneer in orthodontics. He was the AAO President twice and the captain of the football team at Denver University.

With a small but capable staff, and with help from an executive at the American Steel and Wire Company, RMO® set about developing the first set of prefabricated orthodontic appliance system options. Tru-Chrome stainless steel was the major component used in conjunction with the Resistance Welder, versus previous methods which used only precious metals. After much clinical research and experimentation, the first system of appliances was unveiled in 1933 at the annual meeting of the American Association of Orthodontists, in Oklahoma City, OK. Dr. Archie Brusse was an early adherent to the synergistic approach to orthodontic appliances and treatment options.

In time, the impact of these prefabricated devices on the world of orthodontics was dramatic. Simply put, they changed the face of dentistry. The wide variety of appliance shapes and sizes supplied by RMO® enabled orthodontists to treat a diverse array of patients more effectively. RMO® can be proud of the loyalty and the efforts of the employees as well as the local and national commercial suppliers who have helped it succeed and advance during the company's history. RMO® is, by all measures, an international standard, poised to build upon its legacy of excellence for decades to come.



## A Family Legacy

In 1949 Founder Archie Brusse's son, Martin, officially joined RMO®. Archie mentored Martin for years, teaching him the complexities of the orthodontic industry as well as how to operate the family business. Martin was one of the original members of the 10th Mountain Division; he served during World War II and received a Bronze Star. Shortly after the war, he went back to Dartmouth University and graduated with a Liberal Arts Degree. In his early years at RMO®, Martin was influenced by the teaching of his Uncle Walt's perspectives on life and business. Additionally, numerous other close friends had significant influence on Martin including: Jack Meehan, Bay Brunson, Sam Bulkley and Martin Hamilton to mention few.



Dr. Archie Brusse's legacy continued and under Martin's leadership, RMO® developed worldwide distribution networks. Currently RMO® Denver serves more than 60 international independent distributors and has a European Subsidiary in France which in turn serves about 30 independent distributors. RMO® was awarded the President's distinguished "E-Star Award for Exports" twice by the U.S. Secretary of Commerce for continued outstanding contributions to the U.S.A.'s Export Expansion Program. RMO® was also honored with the "Excellence in Export" award by the Governor of Colorado on two separate occasions.

Martin met many good friends and business associates but never had children to mentor as his father before him. In the coming years, Martin searched for exceptional individuals to whom he would entrust with his family legacy. Martin realized his goals in two special and capable people he confidently selected to continue his innovative legacy. Tony Zakhem, CEO and Jody Hardy, President uphold the same pride and family-centric ideals as Martin. With an increased emphasis on marketing, Human Resources and technology, Tony and Jody have taken RMO® into the future with creativity and innovation. Strong leadership and the combination of both innovation and experience is what continues to propel RMO® into the future.



Dr. Archie Brusse & Martin Brusse



Jody Hardy CPO/President & Tony Zakhem CEO

## Synergistic Solutions for Orthodontists

RMO® has been manufacturing quality U.S. products and services for more than 85 years. With versatile offerings that includes everything from computer-aided orthodontic data services, early treatment systems and functional / fixed appliances.

RMO® recognizes that all patients differ and that orthodontists vary in education, experience, treatment approach, appliance performance, detailing and more. Since the needs of every doctor and patient are different, RMO® is committed to developing practical synergistic solutions. Founded on synergistic solutions, RMO® continues to make it an integral part

of all products and services. Synergy develops when two or more interactive parts of a system produce an effect in which the power of the interactions of the whole become far greater than the sum of the parts. RMO®'s attention to synergies provides practices with a wide selection of dependable treatment options. As the family tradition passed on from Archie to Martin, then to Jody and Tony, we continue to learn from the past to expand into the future.

**“Whatever you do - make a contribution, believe in what you do, have fun with it and keep the patient in mind.”**

- Archie Brusse



Michael Jahns, President



Brandon Bernacchi, CEO

## 2020 : New Ownership

On October 20th 2020 Rocky Mountain Orthodontics owners Jody Hardy and Tony Zakhem agreed to sell their RMO® global assets to the managing partnership of new owners Michael Jahns and Brandon Bernacchi.

Both are committed to evolve RMO® with a renewed focus toward excellence in product quality and customer service. They are grateful for the opportunity to earn all customers continued support to re-establish RMO® as a world-class leader in the global orthodontic industry.

## 2021-2022

Bands assembly remains in Denver and the rest of the production is moved to Indiana. A major production modernization plan is implemented.



**RMO® Europe**

RMO® Europe was established in 1966 as a wholly owned subsidiary of RMO® Inc. Currently RMO® Europe serves orthodontists via a direct sales force in France and over 35 international distributors throughout Europe and parts of Africa. RMO® Inc and RMOE collaborate on product development and sales to bring existing products and new products to customers in the region. RMOE has a staff of 40 people based in Strasbourg, France.

Since 2010 Marc Mayer has served as the President of RMOE and has been with the RMO® family for 33 years. Marc has been involved in all aspects of the company's operations. His hard work, loyalty, and dedication have been fundamental to the success of RMO® Europe.



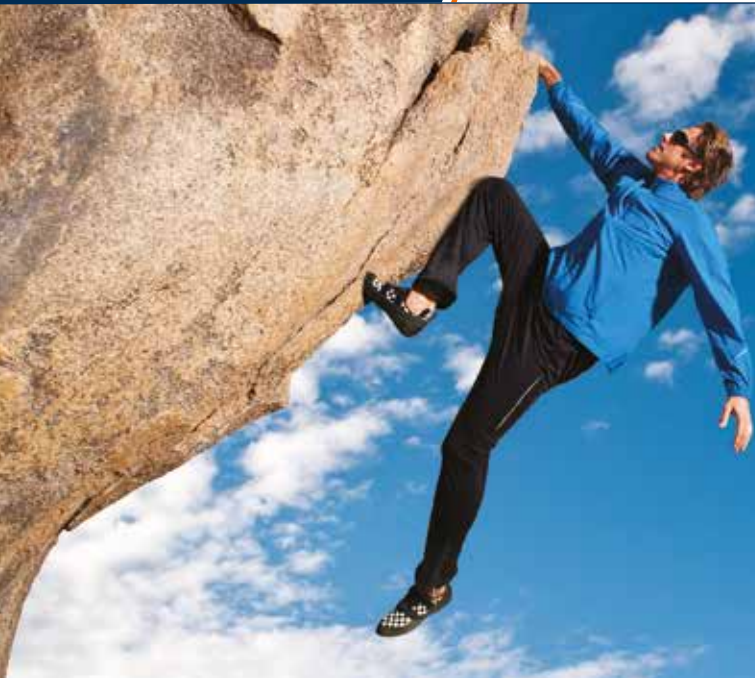
**"RMO believed in Europe and invested to create RMO Europe. Today, when the world is getting so small, both companies work together more than ever to contribute to the orthodontic profession."**

**Marc Mayer**

President RMO®Europe







**Single Tube**

**FLI® buccal tubes** offer superior performance thanks to the metal injection moulding (MIM) process. FLI® tubes are smooth and rounded to provide maximum patient comfort.

Its “ultralow” profile with flared mesial grooves allows for easy archwire insertion. Combined with the RMO® anatomical bases, the FLI® range meets all your requirements.

The FLI® range of tubes is **available in different techniques**, in single or double tube versions, for bonding or soldering, but also in the Mini format specially designed for second molars.

### Also available :



**Double Tube**



**Mini Tube**

FEATURES	BENEFITS
Smooth, Rounded Low-Profile Design	Aesthetically inspired with enhanced patient comfort Reduced occlusal interference
Enlarged Funneled Entrance	Easy wire insertion provides quicker wire change
Funneled Exit	Facilitates distal-end cutting and wire bending to minimize cheek irritation
Placement Notches	Simplified handling and placement
Facial Recess	Aids scalar positioning on molars
Color Quadrant Coding	Quick and easy identification saves time
Low Friction Slot	Rounded slot floor for reduced friction without sacrificing torque.





# 02

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## DIAGNOSTIC



**Golden Divider**

Describes/identifies "the divine proportion" in nature.

In orthodontics, the divider is used to measure harmonious relationships in the face, radiographs and dental models. Stainless steel - can be sterilized

Size : 165 x 60mm (Closed)

Package Contains	Order Number
1	ECi0394

**Bow Divider**

- maximum opening 5 cm between the tips

Package Contains	Order Number
1	ECi0395



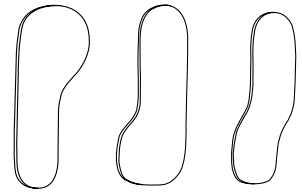
### Mirrors For Intra-buccal Photos

Double sided mirrors. The quality of the silverplating and the glass resist moisture and eliminate picture distortion. Good reflective properties accurately reflect intra-oral detail and colour.

- Reflective power 75%
- 3 mm depth - Sterilization up to 220°C
- Available in convenient shapes to accommodate children and adults.

Description	Package Contains	Order Number
Lingual narrow	1	ECM0103
Lingual wide	1	ECM0103G
Buccal	1	ECM0104
Occlusal adult	1	ECM0105
Occlusal child	1	ECM0106
Handle for mirrors	1	ECM0109

ECM0103 ECM0103/G ECM0104



ECM0105



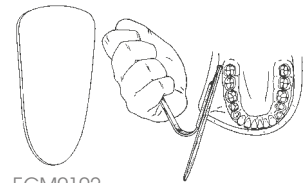
ECM0106

### Mirrors with Handle

Stainless steel mirror with reversible offset handle. Easy to use, convenient and patient friendly.

Same characteristics as the mirrors above.

Description	Package Contains	Order Number
Standard	1	ECM0102
Narrow	1	ECM0122



ECM0102



ECM0363

### Typodonts

The typodont is an occlusor allowing the study and control of dental movements generated by the fitting and activation of orthodontic appliances.

- Available as complete kits (articulator, preformed wax + set of teeth) or partial kits (wax + teeth only)
- Lightweight, compact and perfectly functional
- 180 ° opening, allowing to work on each arch flat
- Recommended in most orthodontic courses



ECM0364

### Kits

	Package Contains	Order Number
Articulator + Wax + Teeth in Normoclusion	1	<b>ECM0363</b>
Articulator + Wax + Teeth in Class I	1	<b>ECM0364</b>
Articulator + Wax + Teeth in Class II division 1 and 2	1	<b>ECM0365</b>
Articulator + Wax + Teeth in Class II division 1 and 2 with miniscrew	1	<b>ECM0366</b>
Articulator + Wax + Teeth in Class III	1	<b>ECM0368</b>
Wax + Teeth in Normoclusion	1	<b>ECM0363-C</b>
Wax + Teeth in Class I	1	<b>ECM0364-C</b>
Wax + Teeth in Class II division 1 and 2	1	<b>ECM0365-C</b>
Wax + Teeth in Class II division 1 and 2 with miniscrew	1	<b>ECM0366-C</b>
Wax + Teeth in Class III	1	<b>ECM0368-C</b>



ECM0365



ECM0366



ECM0368

## Sankin Typodont

The Sankin typodont is an occluder for the study and control of dental movements generated by the placement and activation of orthodontic appliances.

- Light and compact
- Opening at 180°
- Recommended for orthodontics courses



Description	Package Contains	Order Number
Sankin Typodont	1	ECM0331
Set of white teeth with white acrylic crowns	1	i00911
Premolded wax forms normocclusion	1	ECM0333
Premolded wax forms Class I	1	ECM0334
Premolded wax forms Class II division 1	1	ECM0335
Premolded wax forms Class II division 2	1	ECM0336
Premolded wax forms Class III	1	ECM0338



## Typodont Model

RMO® offers well finished plastic models, for training or appliances presentations

Description	Package Contains	Order Number
The model comes with no brackets nor bands	1	P00023



## Transparent Course Model

Package Contains	Order Number
1	ECM0351



## Base Wax Sheets

Description	Package Contains	Order Number
Package of 500 g (sheet 8.8 cm x 18.7 cm)	1	ECM0308





### RMO® Ortho/Trace – Cephalometric Tracing Paper

Description	Package Contains	Order Number
Thickness 0,076 mm (size 20.32 x 25.4 cm)	100 sheets	J00086
Trace Paper (18 x 24 cm)	100 sheets	ECJ0086
Red/Blue Pencil	1	ECJ0095



### Ricketts Template

- Stencil and Universal Template
- EC product. Medical device

Package Contains	Order Number
1	ECM0004

Package Contains	Order Number
1	ECA AXO 500



### Axiograph®

The SAM® system allows axiographic recording with the Axiograph® III complete kit. This kit is presented in a suitcase, with more than 30 accessories. All items are available separately. The description of the accessories needed for axiography is given in the illustrated SAM® catalog.

Package Contains	Order Number
1	ECA AXO 500



### AxioSim®

Simulation software for the temporomandibular joint. Assembly errors, temporomandibular joint problems and occlusion errors can be reproduced. AxioSim offers the possibility to learn and search for causes and remedies. The user can see which change causes which effect, graphically and numerically. The following parameters can be changed:  
Error position of the axis (distance and direction), radius of rotation of the patient, angle of the occlusal plane, inclination of the occlusal plane, anterior guide angle, inclination of the molar cusp, occlusal length and anterior thickness of the centric registration. The display of different reference planes completes the adjustment possibilities.

More information on [www.sam-dental.de](http://www.sam-dental.de)



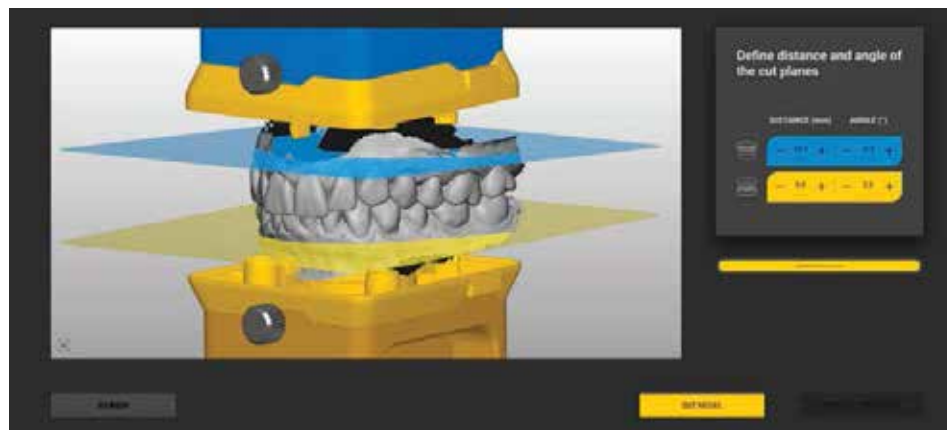
## Axiosnapmount®

AxioSnapMount was born out of the following problem: until now, printed models always had to be articulated with plaster or a mounting clamp.

Now, digital models can be mounted in the articulator in a reproducible and anatomically correct manner.

For the first time, digital models can be printed "ready to use" for use in a fully adjustable articulator.

The different block sizes, as well as the different adjusted mounting plates reduce the height of the model, which saves printing time, printing material and working time in the practice and laboratory.



More information on [www.axiosnapmount.de](http://www.axiosnapmount.de)

## Axioprisa®: Digitizable bite fork carrier

Axioprisa allows the exact jaw position of the patient to be recorded and digitally transferred using an intraoral scanner and an analogue transfer arch.

The models are linked to the skull in the articulator with Axioprisa and can be prepared for 3D printing in the AxioSnapMount software and sent to the printing suppliers.

Export as STL file for further use, e.g. in AxioSnapMount or with CAD software (3Shape, Exocad,...)



More information on [www.axioprisa.de](http://www.axioprisa.de)



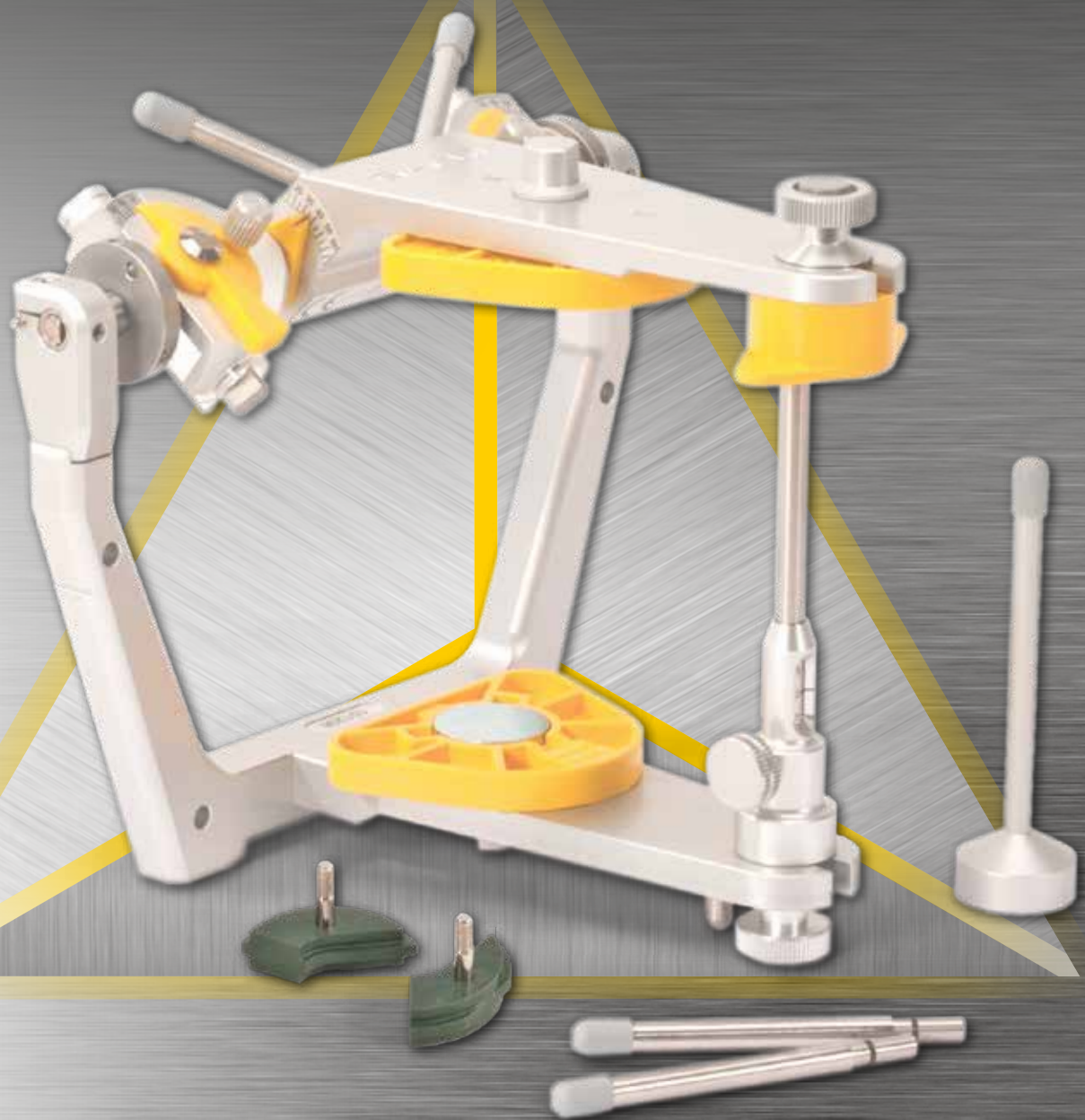
reddot award 2021  
winner



The SAM® articulators can be available in certain markets upon request from RMO® Europe, or online at [www.rmoeurope.com](http://www.rmoeurope.com)



# S-A-M



**VDDI**  
Dental Solutions.  
German Manufacturers.



Made in Germany



# ENERGY CHAIN™

J. MORITA ORTHO

Outperforms all  
other elastic chains

Comparative study from the University of Kentucky  
"College of Dentistry" available.

New  
Size  
Available !

RMO®'s Energy Chain™, also known as F.M. Ringlet, is the proven leader among all brands of elastic chain.

Numerous universities and clinical researchers have shown that RMO®'s Energy Chain™ outperforms virtually all other elastic chains available.

## BENEFITS

- Patented formula provides light continuous force for weeks
- Independently tested and clinically proven performance can reduce appointment intervals and save valuable chair time
- Less stress decay and less elongation over time compared to other elastic chains available
- Stain resistant and latex-free
- All Energy Chain™ colors perform similarly to Gray and Clear



- 5 available sizes







# 03

## EARLY TREATMENT & INTERCEPTION

RMO® provides a variety of early treatment options including many variations of expanders, distalizers and other interceptive appliances. Ideally, it is best for children to see an orthodontist by age 7 in order to determine if orthodontic treatment is required. This is widely considered the best time for patients to begin treatment and/or treatment planning. The first permanent molars and incisors have usually erupted by that time and crossbites, crowding, and other problems can be evaluated.

When treatment begins early, the orthodontist can guide the growth of the jaw and guide incoming permanent teeth. Early treatment can also regulate the width of the upper and lower dental arches, gain space for permanent teeth, avoid the need for permanent tooth extractions, reduce the likelihood of impacted permanent teeth, correct thumb-sucking, and eliminate abnormal swallowing or speech problems. Early treatment can simplify orthodontic treatment for the patients and orthodontist.

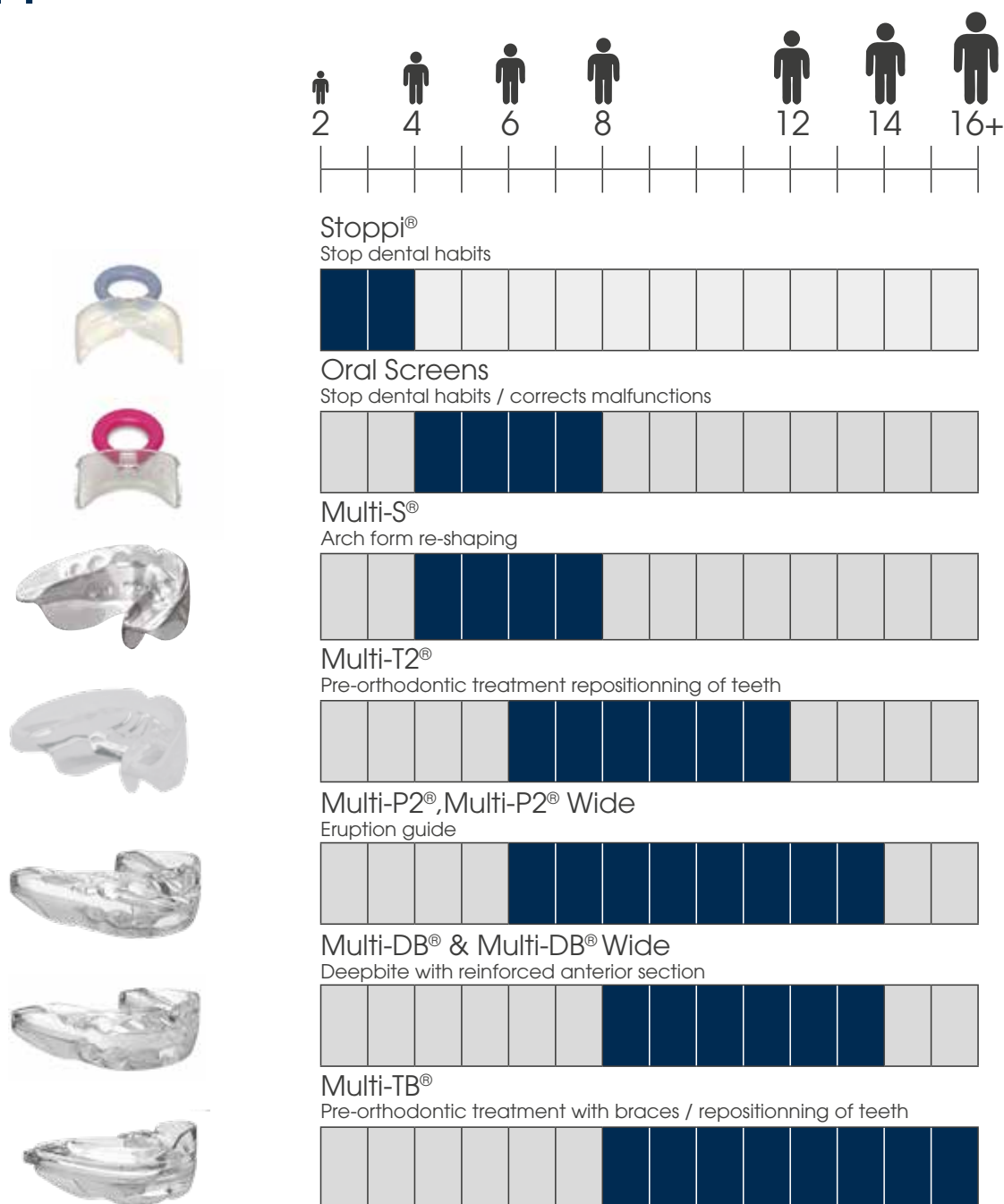
## CONTENTS

**22** Functional Education®

**28** Wilson® System

**37** Quad Helix

## Appliances - Flow Chart

**STOPPI® (for children from the age of 2 to 4)**

Stoppi® is a dental-care alternative to existing sucking habits. STOPPI® has no foreign bodies between the incisors. Therefore the upper and lower jaw can develop normally and the teeth can find their correct position without being disturbed.

Description	Package Contains	Order Number
Unit	1	ECM0166
Kit - 6 pcs	1	ECM0165

### Oral Screen - Standard

Even if teeth do not suffer from major malpositioning damaging thumb-sucking habits should be corrected with the assistance of the Oral screen.

#### The Oral screen:

- promotes the self-healing of existing anomalies
- helps eliminate speech defects
- corrects malfunctions of the tongue
- eliminates harmful mouth breathing
- leads to normal lip closure
- strengthens lip muscles
- supports myofunctional interventions



Description	Package Contains	Order Number
Small model	1	ECM0150
Large model	1	ECM0151
Soft small model (clear)	1	ECM0160
Soft large model (clear)	1	ECM0161

### Oral Screen with Bite Caps

Thumb-sucking frequently produces large overbite of the anterior teeth, or deteriorates an existing retroposition of the mandible. In this case the Oral screen with a bite cap is indicated. The bite cap prevents the Oral screen from tipping. The mandible is simultaneously guided forward.



Description	Package Contains	Order Number
Small model	1	ECM0152
Large model	1	ECM0153
Soft small model (clear)	1	ECM0162
Soft large model (clear)	1	ECM0163

### Oral Screen with Wire Guard

This form of Oral screen is indicated for an anterior open bite cause by the thumb or by frequent use of a pacifier. It prevents the tongue from inserting between the dental arches and helps closing the open bite.



Description	Package Contains	Order Number
Small model	1	ECM0154
Large model	1	ECM0155

### Oral Screen with Pearl

The pearl, held by a wire frame. Guides a tongue with weak muscles toward the palate. His special Oral screen is indicated in the case of Downs syndrome, speech defects or cerebral palsy.



Description	Package Contains	Order Number
Small model OS/P I	1	ECM0156
large model OS/P II	1	ECM0157

## The Multi-Family® System

The Multi-Family System Appliances are myofunctional appliances that can be incorporated into your practice during all phases of orthodontic treatment. They are Functional Educational Appliances used as early as 5 years old to reduce muscular forces in the mouth and promote proper alignment of the teeth; or as late as 13 years old, during fixed appliance treatment, to facilitate mandibular positioning. The Multi-Family System is versatile and functional for both you and your patients. The Multi-Family System is easy to use; it does not require impressions or a laboratory fee. The universal design allows for easy inventory management and product identification.

## Common Characteristics of the Multi-Family® System Appliances

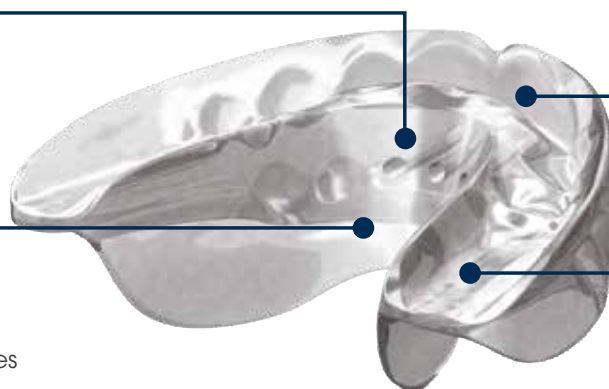
### Lingual Ramp

Properly repositions the tongue

### Smiley mark for right positioning

### Mono-Bloc Shape

Works on both dental arches simultaneously



### Vestibular Shield

Acts as a lip bumper and activates the perioral muscles to diminish labial forces

### Raised Occlusal Plane

Promotes proper mandibular positioning and unlocking of the TMJ



Multi-Family®



## MULTI-S® : Multi-Start (for children from the age of 4 to 8)

Designed for children between the ages of 4 and 7 years old, the Multi-S® is suitable for both the primary and mixed dentition patient. The appliance reduces the muscular forces and promotes the proper alignment of the teeth.

### Characteristics

- Expanded anterior arch form acts directly on the repositioning of the arch
- Mandibular lingual envelope repositions the tongue in the maxilla
- Inter-molar thickness and an integrated eruption guide unlock the dentition to facilitate proper growth of the mandible
- Inter-digitation of the centrals and laterals, in combination with a midline guide, act to insure the correct positioning of the midline at an early age
- Vestibular bumper diminishes the effect of labial forces
- Appliance is manufactured of a soft silicone material that is readily tolerated by the youngest patients
- Incisors are positioned end to end to insure the appropriate anterior-posterior relationship
- Easily adjustable to each patient. Due to the softness and flexibility of the material it can be easily be sized to fit using a scissors
- Sterilizable at 134°

### Wearing Requirements

- The Multi-S® appliance must be worn at least four (4) hours during the day and through out the night. Depending on the needs of the patient, a re-education and breathing exercises program may be prescribed by the specialist.

Package Contains	Order Number
1	ECXS

## MULTI-T2® : Multi Trainer (for children from the age of 6 to 12)

A pre-orthodontic treatment appliance designed to improve facial and dental development in children (mixed dentition) and reduce problems associated with: swallowing, thumb sucking, tongue thrusting, labial dysfunction, respiratory problems. One size fits all.

### Characteristics

- **Lingual Envelope** : Ensures the proper repositioning of the tongue in the palate
- **Mandibular Inter-molar Incline Plane** : Maximize mandibular growth potential.
- **Midline Correction** : Ensures proper midline alignment
- **Broadly Defined Tooth Channels** : Guides the dentition into a proper pre-alignment
- **Buccal Bumper** : reduces the muscular forces applied to the mandible

### Wearing Requirements

- In the daytime : while reading, at the computer, watching television, doing homework.
- At night : Must be worn all night. In the early days of the treatment it is not uncommon for the appliance to dislodge during the night time. Wearing the appliance regularly during the day will quickly resolve the problem. Remember, a disciplined approach in the use of the appliance is the key to successful treatment.

Package Contains	Order Number
1	ECXT2



Multi-Family®



## MULTI-TB® : Trainer for braces (for children/adults from 8 to 16 +)

This unique appliance, suitable for both children and adults wearing brackets, incorporates the inter-molar thickness and an increased propulsion guide to facilitate mandibular growth.

### Characteristics

- Can be worn with both brackets and bands
- Extended posterior length (exclusive to Multi-T® Braces) permits appliance to be adjusted to suit both children and adult patients
- Buccal and palatal cut-away (exclusive to Multi-T® Braces) to accommodate brackets, bands, quad-helix, palatal arch and other palatal appliances with a transversal action. Expanded anterior arch form acts directly on the repositioning of the arch
- Inter-molar thickness and an integrated eruption guide unlock the dentition to facilitate proper growth of the mandible
- Inter-digitation of the centrals and laterals, in combination with a midline guide, act to insure the correct positioning of the midline at an early age
- Vestibular bumper diminishes the effect of labial forces
- Appliance is manufactured of a soft silicone material that is readily tolerated by the youngest patients
- Incisors are positioned end to end to insure the appropriate anterior-posterior relationship.
- Easily adjustable to each patient. Due to the softness and flexibility of the material it can be easily be sized to fit using a scissors
- Sterilizable at 134° C
- One size fits all

### Wearing Requirements

- In the daytime : while reading, at the computer, watching television, doing homework
- At night : Must be worn all night. In the early days of the treatment it is not uncommon for the appliance to dislodge during the night time. Wearing the appliance regularly during the day will quickly resolve the problem. Remember, a disciplined approach in the use of the appliance is the key to successful treatment

Package Contains	Order Number
1	ECXTB



Multi-Family®







**Multi-Family®**



LOW



HIGH

### MULTI-P2® : (for children from the age of 6 to 14)

The Multi-P2® is an effective and economic method specifically developed for early orthodontic treatment. The Multi-P2® guides erupting teeth with the help of the patient's own muscle forces to an ideal position in the dental arches. A good occlusion is established and development of severe malocclusions avoided.

Multi-P2® can be used in a wide variety of cases both in deciduous, mixed and permanent dentitions. The method has many advantages whether used independently or in combination with traditional treatment modalities and fixed appliances. The Multi-P2® is simple to use and requires less chair-side time. Treatment costs may also be reduced.

#### Characteristics

- Horizontal and vertical overbites
- Crowding in the anterior region
- Rotations in the anterior region
- Crossbites of single teeth
- Gummy-smile
- Openbite (thickened high model)
- Distal bite
- Scissors bite

#### Contraindications

- Class III occlusion
- Midline discrepancies exceeding 3 mm
- Very narrow upper arch

#### Port

- Day : As active daytime use is a vital part of the treatment, the patient's cooperation is therefore essential. The importance of regular use should be emphasized to the patient, because only regular use can lead to satisfying treatment results. Multi-P2® should be used in periods of 30 to 60 minutes for a total of two hours a day. In case other daily routines of the patient do not allow for periodic use, the appliance can be used for one two-hour period just prior to bedtime.
- Night : The appliance should be worn all night. Once the treatment shows good progress, nighttime use is usually sufficient, making daytime unnecessary. Knowing this will enhance the patient's motivation.

### MULTI-P2®

Size	Sizer	Package contains	Low Short	Low Long	High Short	High Long
35	Multi-P2® Sizer XPSIZER	1	XPNLS35	XPNLL35	XPNHS35	XPNHL35
40		1	XPNLS40	XPNLL40	XPNHS40	XPNHL40
45		1	XPNLS45	XPNLL45	XPNHS45	XPNHL45
50		1	XPNLS50	XPNLL50	XPNHS50	XPNHL50
55		1	XPNLS55	XPNLL55	XPNHS55	XPNHL55
60		1	XPNLS60	XPNLL60	XPNHS60	XPNHL60
65		1	XPNLS65	XPNLL65	XPNHS65	XPNHL65
70		1	XPNLS70	XPNLL70	XPNHS70	XPNHL70

### MULTI-P® (Small Sizes)

Size	Sizer	Package contains	Low Short	Low Long	High Short	High Long
10	Sizer ECXPSIZER	1	ECXPLS10			
15		1	ECXPLS15			
20		1	ECXPLS20		ECXPHS20	
25		1	ECXPLS25		ECXPHS25	
30		1	ECXPLS30		ECXPHS30	



Multi-P2® Sizer

Description	Package contains	Order Number
Multi-P® Sizer	1	ECXPSIZER
Multi-P2® Sizer	1	XPSIZER

## MULTI-P2® Wide

- Same characteristics as Multi-P2®
- Ovoid arch shape

Size	Size	Package contains	Low Short	Low Long	High Short	High Long
35	Multi-P2® Sizer XPSIZER	1	XPWLS35	XPWLL35	XPWHS35	XPWHL35
40		1	XPWLS40	XPWLL40	XPWHS40	XPWHL40
45		1	XPWLS45	XPWLL45	XPWHS45	XPWHL45
50		1	XPWLS50	XPWLL50	XPWHS50	XPWHL50
55		1	XPWLS55	XPWLL55	XPWHS55	XPWHL55
60		1	XPWLS60	XPWLL60	XPWHS60	XPWHL60
65		1	XPWLS65	XPWLL65	XPWHS65	XPWHL65
70		1	XPWLS70	XPWLL70	XPWHS70	XPWHL70



## MULTI-DB® : (for children from the age of 8 to 14)

- Same characteristics as Multi-P2®
- Incisal reinforcement for deep bite

Size	Size	Package contains	Low Short	Low Long
35	Multi-P2® Sizer XPSIZER	1	XPNLS35R	XPNLL35R
40		1	XPNLS40R	XPNLL40R
45		1	XPNLS45R	XPNLL45R
50		1	XPNLS50R	XPNLL50R
55		1	XPNLS55R	XPNLL55R
60		1	XPNLS60R	XPNLL60R
65		1	XPNLS65R	XPNLL65R
70		1	XPNLS70R	XPNLL70R



## MULTI-DB® Wide

- Same characteristics as Multi-DB®
- Ovoid arch shape
- Incisal reinforcement for deep bite

Size	Size	Package contains	Low Short	Low Long
35	Multi-P2® Sizer XPSIZER	1	XPWLS35R	XPWLL35R
40		1	XPWLS40R	XPWLL40R
45		1	XPWLS45R	XPWLL45R
50		1	XPWLS50R	XPWLL50R
55		1	XPWLS55R	XPWLL55R
60		1	XPWLS60R	XPWLL60R
65		1	XPWLS65R	XPWLL65R
70		1	XPWLS70R	XPWLL70R



## Selecting size

for Multi-P2® • Multi-P2® Wide • Multi-DB® and Multi-DB Wide®

Place the elevated marker between the left maxillary lateral incisor and canine.



Read the scale between the right maxillary lateral incisor and canine. Sizes 10, 20, 30... are indicated with larger markers whereas sizes 15, 25, 35... are indicated with smaller markers.

In case of crowding or diastemas, consider a larger or smaller appliance. Fit Multi-P2 Sizer on the patient and double check that the teeth fits properly in the slots.

## Fitting

Fitting is the most important step of size selection. Appliances used for fitting can be sterilized in an autoclave.



**Fig. 1.** The canine rests at the bottom of its slot and Multi places no mesiodistal-force on the canine. If there is no crowding or risk of crowding, the size in the photo is correct. However, if crowding is present or expected, a larger size should be selected to enable expansion of the arch perimeter.



**Fig. 2.** One size larger than in Fig.1. The canine is guided by Multi towards the bottom of the canine's slot and applies a force that pushes the canine distally. This size is appropriate if crowding is present or expected and arch perimeter expansion is needed.

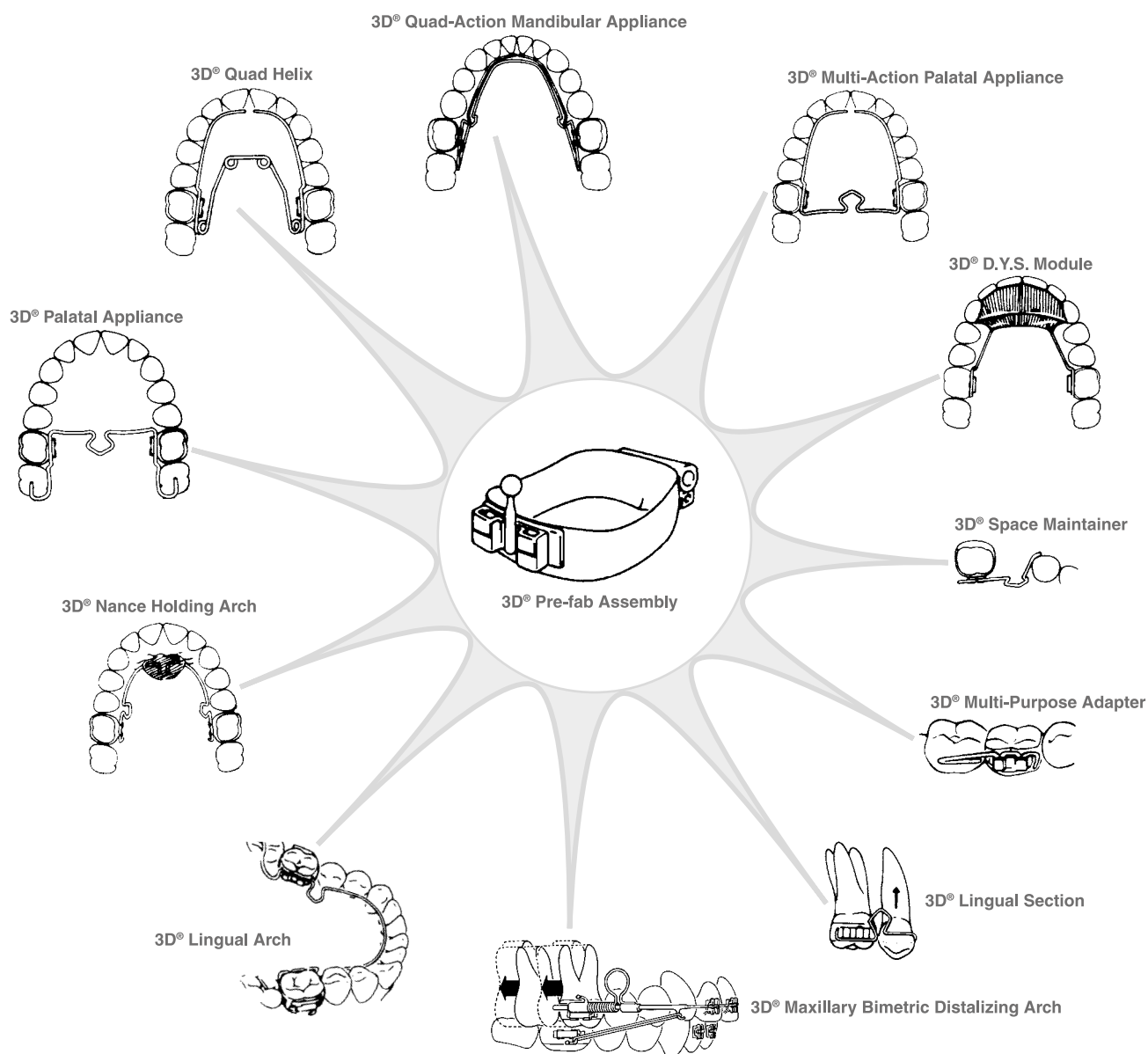


**Fig. 3.** Three sizes larger than in Fig. 1. The appliance is too large. The canine is guided against a ridge between two slots and the appliance does not guide teeth properly. Choose a smaller size. Sterilize Multi in the autoclave.

Without changing your chosen technique, RMO® 3D® 1st Phase FIXED/REMOVABLE® Modular Orthodontics™ (Wilson®) can help your practice target treatment planning decisions to reduce treatment time and cost, and to improve patient comfort and cooperation. This will help your practice grow.

All principles have been proven through successful usage for many decades. What is new and unique is the way the principles were engineered by Dr. William Wilson and Dr. Robert Wilson into an easy-to-use plug-in, plug-out system of 12 modular options. Over 100 different 1st Phase treatment movements can be achieved with minimum number of appliances and maximum patient comfort and satisfaction.

In perspective, the 3D® FIXED/REMOVABLE System (Wilson) should be considered as a comprehensive appliance supplementing system; it is a "tool box" of options. The numerous 3D® options help you add to the effectiveness of the appliances you have chosen to deal with your diagnosis and treatment plan. Also, it is important to note that each 3D® module is a subsystem by itself. That is, each has specific areas for use and each has numerous supplementing options.





**3D® Lingual Tube (Wilson®)**

- The 3D® Lingual Tube is integral to the 1st phase system because all modules plug into the tubes, creating a full system
- Available with and without prewelded hooks and can be purchased separately or as a preweld on RMO® TruForm® Molar Bands
- New, improved “click-fit” assures positive post seating



Description	Package Contains	Order Number
3D® Lingual Tube	10	A04315
3D® Lingual Tube with Gingival Hook	10	A04314

**3D® Buccal Tubes (Wilson®) – Maxillary**

- 6° distal offset
- Extended gingival .045" round headgear tube prevents molar tipping when distalizing
- Convertible rectangular cap has consistent force and is easy to remove



Size	Style	Right/Left	Package Contains	Order Number
.018	Weldable	R	10	A04360
.018	Weldable	L	10	A04361
.022	Bondable	R	10	A08262
.022	Bondable	L	10	A08263
.022	Weldable	R	10	A04362
.022	Weldable	L	10	A04363

**3D® Buccal Tubes (Wilson®) – Mandibular**

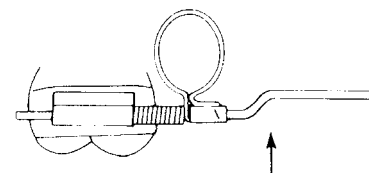
- Consists of two rectangular arch slots with a mesial hook
- Reduced friction slot minimizes corner drag when using square or rectangular wire
- Rounded edges for patient comfort
- Increased mesial distal length for increased control

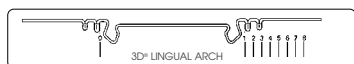
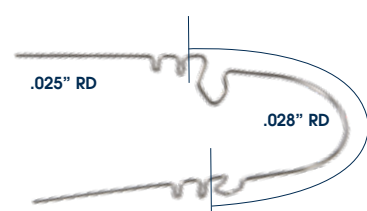


Size	Base	Right/Left	Package Contains	Order Number
.018	Weldable	R	10	A04370
.018	Weldable	L	10	A04371
.022	Weldable	R	10	A04372
.022	Weldable	L	10	A04373

**Buccal Tubes**

When using 3D Maxillary Bimetric Distalizing Arches with .045" or .051" occlusally placed buccal tubes, it is necessary to adjust the distal buccal section of the arch. A step up bend is made anterior to the Omega Stop assembly. This enables the distalizing elements to function in the occlusally placed tube while the anterior elements of the arch are properly aligned with anterior brackets. RMO® has buccal tubes and tube variations for all popular techniques.

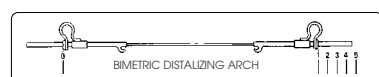
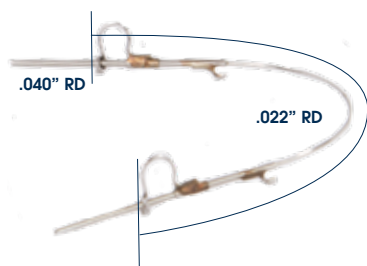




### 3D® Lingual Arch

- Easy vertical placement and removal
- Mandibular anchorage
- Holding arch for use in both extraction and non-extraction cases
- Mandibular arch length increase, including slight molar distalization

Size	Kit Contains	Package Contains	Order Number
1 - 51mm	2	3	A04300
2 - 54mm	3	3	A04301
3 - 57mm	4	3	A04302
4 - 60mm	6	3	A04303
5 - 63mm	6	3	A04304
6 - 66mm	4	3	A04305
7 - 69mm	3	3	A04306
8 - 72mm	2	3	A04307
9 - 75mm	-	3	A04318
10 - 78mm	-	3	A04319
Assorted	30	-	K00760
3D® Lingual Arch Selector	1	1	i00505



### 3D® Maxillary Bimetric Distalizing Arch

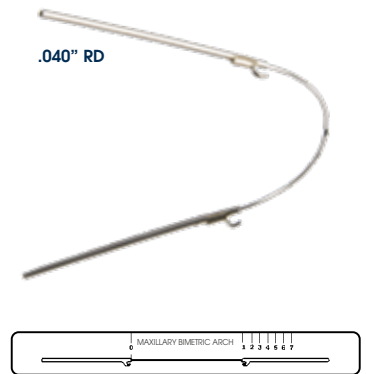
- Rapid molar distalizing, anterior retraction, and anterior intrusion without the need for headgear

Size	Kit Contains	Package Contains	Order Number
1 - 80mm	1	3	A04155
2 - 83mm	1	3	A04156
3 - 86mm	2	3	A04157
4 - 89mm	3	3	A04158
5 - 92mm	3	3	A04159
6 - 95mm	2	3	A04160
7 - 98mm	2	3	A04161
Assorted	14	-	K00678
3D® Maxillary Bimetric Distalizing Arch Selector	1	1	i00507

### 3D® Bimetric Arch (Basic)

- Used to create a 3D Maxillary Bimetric Distalizing Arch

Size	Kit Contains	Package Contains	Order Number
1 - 40mm	1	3	A04127
2 - 43mm	2	3	A04128
3 - 46mm	3	3	A04129
4 - 49mm	3	3	A04150
5 - 52mm	3	3	A04151
6 - 55mm	2	3	A04152
7 - 58mm	1	3	A04153
8 - 58mm	-	3	A04154
with extended section (6mm) each side			
Assorted	15	-	K00688
3D® Bimetric Arch Selector	-	1	i00506



### Omega Adjustable Stop

- Crimpable .040" ID
- Easily adjusted with the i00548W Modular Omega plier

Package Contains	Order Number
10	A04124



### 5mm Coil Spring

- Open Elgiloy® coil spring. Does not require heat treatment
- For use with Bimetric Distalizing Arch
- .010" x .045" x 5mm

Package Contains	Order Number
50	F00125



- Open Orthono® Coil Spring, constant force gradient of nickel titanium when distalizing (Schedule II elastics only)
- .012" x .045" x 5mm

Package Contains	Order Number
10	F00126

### Energy Pak™ Elastics

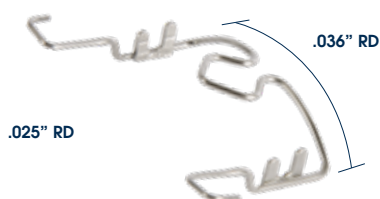
- Superior quality, pure latex (contains natural rubber latex which may cause allergic reactions)
- Excellent resistance to fluid absorption

Size	Package Contains	Order Number
5/16" 2 oz. (nonextraction case)	5,000	J01103
5/16" 3 oz. (nonextraction case)	5,000	J01113
1/4" 2 oz. (extraction case)	5,000	J01102
1/4" 3 oz. (extraction case)	5,000	J01112



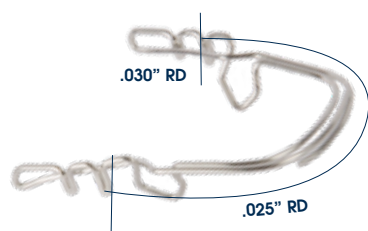
DISCOVER OUR FULL ELASTIC RANGE IN SECTION  
"INTRA & EXTRA ORAL" PAGE 40



**3D® Palatal Appliance**

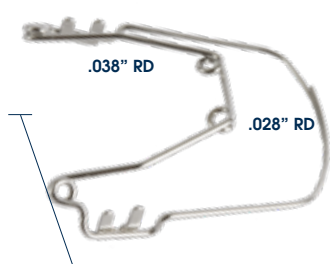
- High pull headgear control
- Molar expansion, contraction, rotation, torquing and tipping
- Palatal cusp intrusive action to offset extrusive action during high pull headgear usage
- Easy vertical placement and removal

Size	Kit Contains	Package Contains	Order Number
1 - 32mm	1	3	A04330
2 - 36mm	1	3	A04331
3 - 40mm	1	3	A04332
4 - 44mm	1	3	A04333
5 - 50mm	1	3	A04334
6 - 56mm	1	3	A04335
Assorted	6	-	K00790

**3D® Multi-Action Mandibular Appliance**

- Solves many problems for those using Crozat-type appliances
- Arch and selective expansion
- Incisor advancement
- Slight molar distalization (one side at a time)
- Lower molar rotation, torquing and tipping
- Easy vertical placement and removal

Size	Kit Contains	Package Contains	Order Number
1 - 51mm	1	3	A04340
2 - 54mm	1	3	A04341
3 - 57mm	1	3	A04342
4 - 60mm	1	3	A04343
Assorted	4	-	K00795

**3D® Quad Helix**

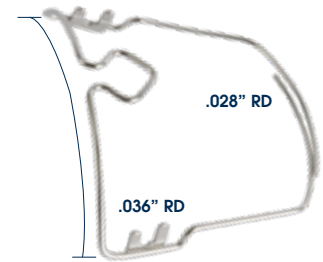
- A single fixed/removable alternative to using multiple removable appliances
- Easy vertical placement and removal
- Made of Blue Elgiloy®

Size	Kit Contains	Package Contains	Order Number
1 - 25mm	1	3	A04308
2 - 27mm	1	3	A04309
3 - 31mm	1	3	A04310
4 - 34mm	1	3	A04311
5 - 37mm	1	3	A04312
6 - 40mm	1	3	A04313
Assorted	6	-	K00770

## 3D® Multi-Action Palatal Appliance

- Easy vertical placement and removal
- A single fixed/removable alternative to using multiple removable appliances
- Bilateral molar and maxillary expansion
- Helps with molar rotation, torquing and tipping

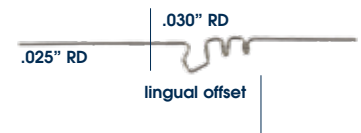
Size	Kit Contains	Package Contains	Order Number
1 - 32mm	1	3	A04320
2 - 36mm	1	3	A04321
3 - 40mm	1	3	A04322
4 - 44mm	1	3	A04323
5 - 50mm	1	3	A04324
6 - 56mm	1	3	A04325
Assorted	6	-	K00780



## 3D® Sectional

- Impacted cuspid activator
- Works as an expander, bicuspid space maintainer and bicuspid space regainer
- Cantilever resistor, molar tip-back resistor
- Easy vertical placement and removal

Description	Package Contains	Order Number
Maxillary Right/Mandibular Left	5	A04345
Maxillary Left/Mandibular Right	5	A04346



## 3D® Adapter

- Works as a simple space maintainer and expander
- Mandibular and Maxillary molar tip-back resistor
- Cross elastic hook
- Easy vertical placement and removal

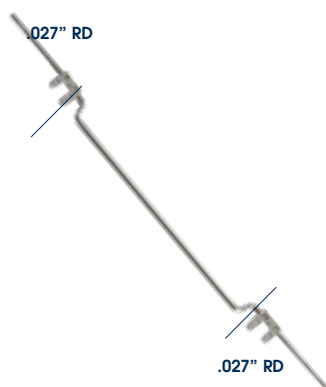
Description	Package Contains	Order Number
Maxillary Right/Mandibular Left	5	A04347
Maxillary Left/Mandibular Right	5	A04348



**3D® D.Y.S. Module**

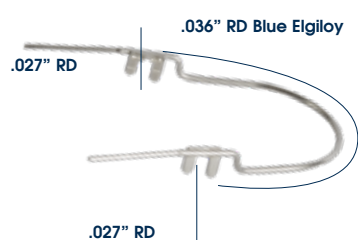
- Available in .036" and .040" TRU-CHROME® Stainless Steel
- Universal lingual attachment
- Multiple fixed/removable lab-made appliances for individual needs

Description	Wire Size	Package Contains	Order Number
Maxillary Right/Mandibular Left	.036"	5	A04350
Mandibular Right/Maxillary Left	.036"	5	A04351
Maxillary Right/Mandibular Left	.040"	5	A04352
Mandibular Right/Maxillary Left	.040"	5	A04353

**3D® Wilson®/Dillehay Lingual Arch – straight length**

- Made of .036" diameter Blue Elgiloy® (not heat-treated)
- Laser-welded posts
- Step down bends for proper positioning at cingulum

Size	Package Contains	Order Number
3 - 57mm	5	A04265
4 - 60mm	5	A04266
5 - 63mm	5	A04267
6 - 66mm	5	A04268
7 - 69mm	5	A04269
8 - 72mm	5	A04270
9 - 75mm	5	A04271
10 - 78mm	5	A04272

**3D® Wilson®/Dillehay Preformed Lingual Arch – with distal extension**

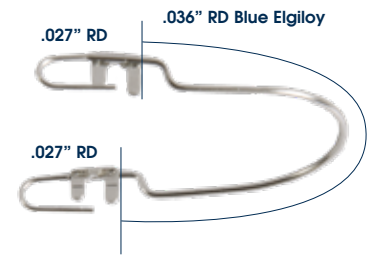
- Made of .036" diameter Blue Elgiloy® (not heat-treated)
- Distal extension for molar uprighting
- Easy vertical placement and removal

Size	Package Contains	Order Number
3 - 57mm	3	A04278
4 - 60mm	3	A04279
5 - 63mm	3	A04280
6 - 66mm	3	A04281
7 - 69mm	3	A04282
8 - 72mm	3	A04283
9 - 75mm	3	A04284
10 - 78mm	3	A04285

## 3D® Wilson®/Dillehay Preformed Lingual Arch – with distal bend

- Made of .036" diameter Blue Elgiloy (not heat-treated)
- Holding arch for use in both extraction and non-extraction cases
- Helps with lower molar rotation, torquing and tipping
- Easy vertical placement and removal

Size	Package Contains	Order Number
3 - 57mm	3	A04252
4 - 60mm	3	A04253
5 - 63mm	3	A04254
6 - 66mm	3	A04255
7 - 69mm	3	A04256
8 - 72mm	3	A04257
9 - 75mm	3	A04258
10 - 78mm	3	A04259







### 3D® Transfer System

- Reduces time consuming laboratory related procedures
- Laboratory impression can be taken during active treatment (No need to stop treatment)
- Laboratory can produce very accurate Fixed/Removable appliance
- A time/cost saver; excellent for in-practice and outside 3D laboratory appliance fabrication procedures

Description	Package Contains	Order Number
3D® Transfer Insert	10	A04198
3D® Transfer Lingual Tube	10	A04199



### Space Maintainer Kit

#### Description

34 preformed Truform seamless universal bands - 1 each of sizes 11 through 27 - both in maxillary and mandibular, 10 open end maintainers and 10 occlusal bar-type maintainers

Package  
Contains

1

Order  
Number

K00005

### Open End Maintainer

#### Description

.040" (1.02mm) stainless steel  
Occlusal bar-type

Package  
Contains

10

Order  
Number

C00130

10

C00141



### Palatar Bars

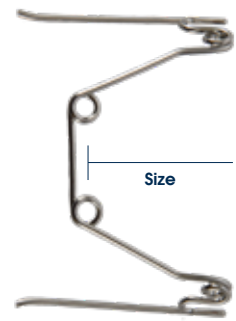
- Made of 0.9mm stainless steel wire
- Available in distal and mesial loop
- Palatal bars control the rotation, expansion and contraction of the maxillary 1st molars

Description	Package Contains	Order Number
Distal Palatar Bar	5	ECM1282
Mesial Palatar Bar	5	ECM1283

**RM Quad Helix (Removable)**

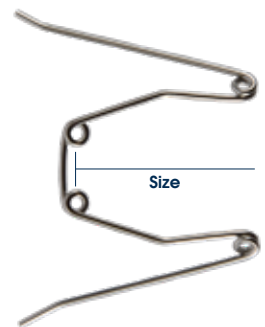
- Continuous controlled force application
- .036 (0.914mm) TRU-CHROME® Stainless steel

Description	Package Contains	Order Number
1 - 21 mm	3	A01230
2 - 23 mm	3	A01231
3 - 24 mm	3	A01232
4 - 26 mm	3	A01233
Assortment, one of each size	4	K00722

**Maxillary Quad Helix (Ricketts®)**

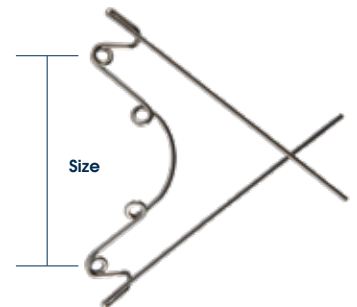
- Continuous controlled force application, solder to bands
- For rotation or stabilization of molars, to expand, or contract the arch
- Blue Elgiloy® unheat-treated .038" (0.965mm)

Description	Package Contains	Order Number
1 - 14mm	3	A00510
2 - 18mm	3	A00511
3 - 24 mm	3	A00512
4 - 28mm	3	A00513
5 - 37mm	3	A00514
Assortment, one of each size	5	K00690

**Preformed Blue Elgiloy® Quad Helix**

- Continuous controlled force application, soldering not required
- For rotation or stabilization of molars, to expand, or contract the arch
- Easy insertion with straight and curved lingual sheaths
- Blue Elgiloy® unheat-treated .036" (0.914mm)

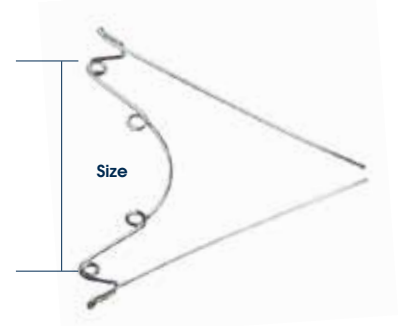
Description	Package Contains	Order Number
0 - 34 mm	2	A01430
1 - 36 mm	2	A01431
2 - 37 mm	2	A01432
3 - 43 mm	2	A01433

**Quad Helix Preformed Banana - Stainless Steel**

The Quad helix Banana is removable and easily activated :

- Possible molar movement and control by Quad Helix arches, buccal and lingual rotation, expansion and contraction
- Ideal for bilateral expansion of posterior teeth, cuspids and molars
- Ideal for Asymmetrical expansion of posterior teeth or molars
- Continuous controlled force application

Description	Package Contains	Order Number
0 - 34 mm	3	ECM1270
1 - 37 mm	3	ECM1271
2 - 38 mm	3	ECM1272
3 - 46 mm	3	ECM1273
Banana lingual sheath	10	ECA0196





# 04

## INTRAORAL & EXTRAORAL

RMO® offers a complete line of intraoral and extraoral products to meet all your orthodontic needs!

RMO®'s intraoral line offers a myriad of elastic options, including our famous Energy Chain™ (which is exclusively distributed by RMO®), as well as a variety of accessory products like impression trays, alginate, patient relief wax, mouth guards, cheek retractors and more. Extraoral products include a variety of options including headgear, facebows and Spring Gear® (distributed exclusively by RMO®).

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- 40** Elastomerics
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- 57** Extraoral Products
- 60** Lingual Retainers & Wires



# intraoral & extraoral

ELASTOMERICS: ENERGY PAK™ ELASTICS



1/8"

3/16"

1/4"

5/16"

3/8"

1/2"



0.32cm



0.48cm



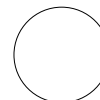
0.64cm



0.79cm



0.95cm



1.27cm

## Force Values

## General Purpose

Light	57gm (2oz.)	 parachute J-01100	 hang glider J-01101	 balloon J-01102	 dirigible J-01103	 helicopter J-01104	
Medium	85gm (3oz.)		 motor home J-01111	 truck J-01112	 train J-01113	 monorail J-01114	
Heavy	99gm (3.5oz.)	 surfboard J-01120	 canoe J-01121	 sailboat J-01122	 speedboat J-01123	 submarine J-01124	
Heavy Plus	128gm (4.5oz.)		 motorcycle J-01131	 racecar J-01132	 car J-01133	 snowmobile J-01134	
Extra Heavy	142gm (5oz.)	 jumprope J-01140	 skateboard J-01141	 unicycle J-01142	 bicycle J-01143	 jogging J-01144	
<b>Non-Latex</b>							
Heavy Plus	128gm (4.5oz.)		 snowboard J-01190	 van J-01191	 walking J-01192		
Extra Heavy	170gm (6oz.)		 bobsled J-01193	 police J-01194	 paddle board J-01195		
<b>Extraoral</b>							
Light	454gm (16oz.)					 spaceship J-01174	
Heavy	908gm (32oz.)		 rickshaw J-01181	 horse J-01182	 chariot J-01183	 covered wagon J-01184	 stage coach J-01185

- J01100-J01144 : 50 x 100 units • J01190-J01195 : 50 x 100 units • J01174-J01185 : 20 x 50 units
- Ounce pull equals three times slack diameter
- To achieve ounce pull, two elastics must be used (only applies to extraoral elastics)



Scan the  
following QR  
code to read  
the study



## Elastics Selector Gauge

This instrument allows you to quickly and easily select the most suitable elastic for your treatment according to the following doctors study : Sergio Sambataro, Salvatore Bocchieri, Luigi Bafumi, Luca Fiorillo, Gabriele Cervino & Marco Cicciù.

Package  
Contains






1
















Order  
Number

ECi0390

## Energy Chain™ Elastics

- Superior elastic memory following initial stretch
- Manufactured using special elastomeric materials exclusive to RMO®
- Spacing variation between modules allows proper selection, retraction, ligating, etc.
- Latex-Free, non-toxic, non-staining

Rings size	Small	Small	Small	Small	Large
Space between rings	Closed	Adjoined	Reduced	Medium	Large
					
Space between centers	2,8 mm	3 mm	3,8 mm	4 mm	5,1 mm

Spool length		2,30 m	2,30 m	2,30 m	2,30 m	2,30 m
Color						
Clear		J00120	J00202	J00269	J00121	J00122
Grey		J00166	J00203	J00270	J00167	J00168
Blue		J00223	J00205	J00271	J00224	J00281
Green		J00227	J00206	J00272	J00228	J00282
Red		J00231	J00204	J00273	J00232	J00280
Purple		J00235	J00207	J00274	J00236	J00283
Teal		J00136	J00214	J00137	J00138	J00290
Perl blue		J00139	J00215	J00140	J00141	J00291
Orange		J00239	J00208	J00275	J00240	J00284
Porsche Red		J00261	J00209	J00276	J00262	J00285
Black		J00263	J00210	J00277	J00264	J00286
Light pink		J00265	J00211	J00278	J00266	J00287
Yellow		J00267	J00212	J00279	J00268	J00288
Ivory		J00142	J00213	J00143	J00144	J00289
Pink		J00145	J00216	J00146	J00147	J00292

Spool length		4,70 m	4,70 m	4,70 m	4,70 m	4,70 m
Couleur						
Clear		J00293	J00295	J00297	J00299	J00301
Gray		J00294	J00296	J00298	J00300	J00302



## Energy Thread™ Elastomeric Thread

- Consistent resiliency and knot retention
- Resists stain, odors and moisture resorption
- Available in square
- Clear color blends with appliances
- Latex-Free

Size	Color	Package Contains	Order Number
.025" (0.635mm), 7,5m	Clear	1 spool	J00386
.025" (0.635mm), 7,5m	Gray	1 spool	J00387
.030" (0.762mm), 7,5m	Clear	1 spool	J00388
.030" (0.762mm), 7,5m	Gray	1 spool	J00389
.018" x .018" (0.457mm x 0.457mm), 10m	Clear	1 spool	ECM0695
.018" x .018" (0.457mm x 0.457mm), 10m	Gray	1 spool	ECM0645
.026" x .026" (0.660mm x 0.660mm), 10m	Clear	1 spool	ECM0694
.026" x .026" (0.660mm x 0.660mm), 10m	Gray	1 spool	ECM0644



# intraoral & extraoral

## ELASTOMERICS: LIGATURES



### Energy Chain™ Dispenser

The RMO Spool Dispenser features a new hinged lid and spindle design for quick changeovers of spooled elastomerics.

- Accommodates up to 10 spools of elastomeric chain, tubing, or thread
- Easy load slots
- Slip-resistant silicone feet
- Easy-to-clean durable thermoplastic
- 5.75"L x 3.25"W x 3.00"H

Package Contains	Order Number
1 Dispenser	J00600



### Rack for elastomeric chain rolls

- Transparent plexiglass
- Hold max 10 rolls
- Removable bottom for easy placement of rolls
- Reduces cross contamination risks

Package Contains	Order Number
1 Rack	ECM0690



### Ligatures, Mini Single Case

- .110" (2.79mm) outside diameter
- 10 ligatures per stick

Color	Package Contains	Order Number
Gray	100 Sticks	J00350
Clear		J00345
Pearl		J00337
Yellow		J00340
Bright Pink		J00341
Bright Green		J00342
Porsche Red		J00343
Purple		J00344
Sky Blue		J00347
Orange		J00348
Navy		J00349
Blue		J00351
Teal		J00352
Dark Green		J00353
Green		J00354
Red		J00355
Light Pink		J00356
Pink		J00357
Gold		J00358
Silver		J00359
White		J00360
Black		J00361

### Separator, Sticks

- .191" (4.85mm) outside diameter
- 10 ligatures per stick
- 8 sticks per star
- 12 stars (960 ligatures)
- Latex-Free

Color	Package Contains	Order Number
Blue	12 stars	J00177
Radio Opaque	12 stars	J01451



### Separator, Cut

- .170" (4.32mm) outside diameter
- Latex-Free

Color	Package Contains	Order Number
Radio Opaque	1,000 (approx.)	J01450





# intraoral & extraoral

ELASTOMERICS: ROTATION WEDGES, LIGATURES, BULK ELASTICS



## Ligatures, Tough-O®

- Higher force retention over standard ligatures
- .118" (3.0mm) outside diameter
- Same material as Energy Chain™
- Latex-Free

Description	Package Contains	Order Number
Tough-O	30 sticks (20ligs/stick)	ECJ0180
Tough-O light	30 sticks (20ligs/stick)	ECJ0181



## O-Ring Ligatures

- Manufactured with the same elastomeric material as RMO Morita chain, strong and attractive
- A minimum of deformation between visits
- Economical
- Foam dispenser floor to facilitate the loading of the placement instrument
- Latex-free

Description	Package Contains	Order Number
O ring ligature grey	500	ECJ0179

## Elastic Engager

Accessory has been designed to minimize patient discomfort

- One end is an elastic hook, the other for directing the elastic
- 5 Fluo colors: yellow, pink, blue, purple and red

Package Contains	Order Number
100	ECM8019



## Flavoured Wax Sticks (4 cm)

To protect the mucous membrane of the cheeks and the lips during the first days after the placement of brackets and bands. Packaged in individual patient dispenser (5 sticks / Boxes) (Sold / 50 boxes / PKG).

Description	Package Contains	Order Number
Wintergreen-scented patient relief wax	50 boxes	J00551
Unscented patient relief wax	50 boxes	J00550



## Tiger Gel Clear LC - Light Curing Gel

The Tiger Gel is the perfect solution to maximize patient comfort thanks to its unique characteristics. Its viscosity allows an application without dripping. After application, a selfsmoothing effect makes it the perfect coat with no uneven or rough surface.

Thanks to its non-adhesive character, it can be placed on brackets, tubes or other intertwined surfaces and will be easy removable and have no blocking/ hindering effect on the mechanics.

Description	Order Number
Tiger Gel Clear LC • 1,5g Syringe	ECT0610
Tiger Gel Clear LC • 4,5g Syringe	ECT0611



# intraoral & extraoral

IMPRESSION TRAYS : DISPOSABLE IMPRESSION TRAYS, ALUMINIUM IMPRESSION TRAYS



## First Impression™ Rim-Lock Disposable Impression Trays

- Plastic injection molded for accuracy and precision
- Features integral rim-lock technology and perforations throughout to maximize alginate retention and impression accuracy
- Ergonomic handle allows positive grip during seating and removal
- Sold in convenient bags of 25 trays per size upper and lower.
- Available in four color coated, anatomically-correct sizes

Description	Color	Package Contains	Max.	Mand.
Small	Purple	25	FIDTU10	FIDTL10
Medium	Pink	25	FIDTU12	FIDTL12
Large	Blue	25	FIDTU14	FIDTL14
X-Large	Green	25	FIDTU16	FIDTL16



## Aluminum Impression Trays

- Bends easily for a custom fit
- Smooth edges for optimal patient comfort
- Sterilizable

### Maxillary

Size	Color	Package Contains	Order Number Maxillary
1 (57mm x 48mm)	Pink	1	J00304
2 (62mm x 54mm)	Blue	1	J00305
3 (68mm x 60mm)	Red	1	J00306
4 (75mm x 65mm)	Gold	1	J00307
5 (84mm x 70mm)	Violet	1	J00308

### Mandibular

Size	Color	Package Contains	Order Number Mandibular
1 (62mm x 44mm)	Pink	1	J00364
2 (70mm x 48mm)	Blue	1	J00365
3 (75mm x 50mm)	Red	1	J00366
4 (82mm x 53mm)	Gold	1	J00367
5 (88mm x 55mm)	Violet	1	J00368

Description	Package Contains	Order Number
Aluminum impression tray kit	assortment of 10, one of each max. and man. sizes	K00566

### RMO® Metallic Impression Trays

Description	Package Contains	Max.	Mand.
Extra small	1	ECM1251	ECM1255
Small	1	ECM1252	ECM1256
Medium	1	ECM1253	ECM1257
Large	1	ECM1254	ECM1258
Assortment, Max/Man (8 trays)	1	ECM1250	



### Kromogel® Alginate

Neutral vanilla flavour, dust free. Three colour guide takes the guessing out of impression taking. High elasticity and high tear strength. Smooth creamy mix. New mixing time of just 30 seconds. Place in the mouth for a minute and remove when alginate turns white. Extremely simple and easy to use.

Description	Package Contains	Order Number
Kromogel - 500g	10	ECJ0250
Kromogel - 500g	2	ECJ0254



### Essential Alginate

High quality, fast setting mint flavoured alginate for all your impression needs.

Description	Package Contains	Order Number
Essential Alginate - 500g	10	ECJ0255



### Ortho-Jel® Silicone

Low viscosity precision impression material based on addition curing vinyl silicone delivered in cartridges. It can be extruded directly onto the teeth or the tray.

Description	Package Contains	Order Number
Cartridge 50ml	2	ECJ0260
Cartridge Gun	1	ECJ0263
Yellow mixing canulas	100	ECJ0269



### Ortho-Jel® Putty

Ortho-Jel® Putty is used as a base impression material for the (one step) two phase impression technique in conjunction with Ortho-Jel® Silicone. Ortho-Jel® Putty is a soft but not sticky, kneadable precision impression material based on addition curing vinyl silicone. Ortho-Jel® Putty is easy to mix and shows good setting properties

Description	Package Contains	Order Number
400g	2	ECJ0261





# intraoral & extraoral

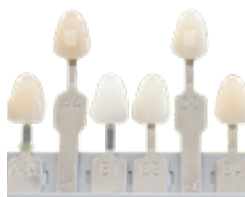
IMPRESSION TRAYS : PLICAFOL, ALGINATE, MOUTH GUARDS



## Plicafol

Separating foil for taking correction impressions. Plicafol is an extremely elastic, flexible foil without tendency for elastic recovery after elongation. Thus, it is ideal for the foil technique and for manufacturing custom-made trays directly at the chair side. As a result the dentist gains time and precision.

Description	Package Contains	Référence
20 sheets	1	ECJ0265



## Orthocaps Shade Guide

For ordering the friction pads in the color of the patients teeth.

Package Contains	Order Number
1	OC3010



## Alginate Mixer Migma 200

Alginate mixer for bubble-free and homogeneous impression material of consistent quality

Description	Package Contains	Order Number
Mixer	1	ECM0281
Cup with lid	2	ECM0282
Mixing bowl	1	ECM0285
Spatula	1	ECM0286
Water measuring cup 0,5l	1	ECM0288

### Retainer Case

- Made of high impact polypropylene, prevents breakage
- Easy-open finger holds with durable hinge and positive-click closure
- Built-in keyhole to carry on key chain or backpack
- Ventilation holes that prevent odors
- Standard size holds upper or lower retainers or a positioner
- Lab size holds bionators or special lab appliances

Description	Color	Package Contains	Order Number
Standard Size	Tropical Pink	20	J01320
Standard Size	Melon	20	J01321
Standard Size	Metallic Black	20	J01323



### Stackable Container Boxes

Description	Package Contains	Order Number
Standard Size, available in blue and white	1	ECM9020



### Large Boxes - Assortment

Description	Package Contains	Order Number
Assortment of 10 large boxes height 4,7cm	1	ECM0216

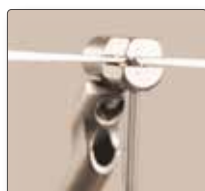


**Liberty Bielle®, an alternative for orthopedic & orthodontic treatments**

The Liberty Bielle®, the newest addition to the RMO® Functional Education® System, is a Herbst-type appliance. Its unique design allows it to rotate 360 degrees, maximizing lateral movement and providing comfort, flexibility for the patient, and treatment efficiency to the doctor. The Liberty Bielle® consists of an assortment of precisely engineered and manufactured components of the highest quality.

These unique components increase the durability of the appliance by minimizing destructive lateral forces and allowing maximum movement of the mandible in many directions. The Liberty Bielle® is easy to adapt to any standard bracket, wire and tube appliance system. Combined with your edgewise therapy, multiple orthodontic and orthopedic objectives can be achieved simultaneously.

# Liberty Bielle®



Arch locking mechanism

Locking mechanism closed onto wire

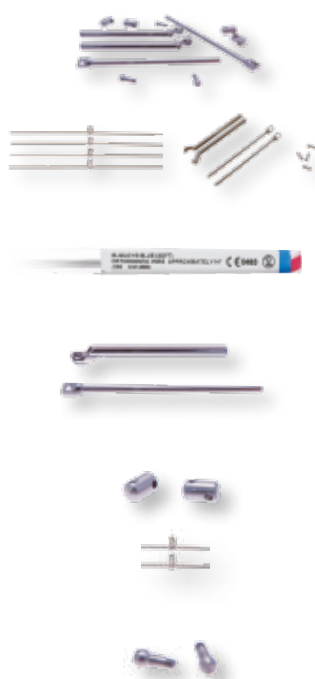
Locking mechanism (similar to RM® Lock) in closed position with wire engaged

Arch wire slot

Ball joint allows 360° movement



Hex Wrench used to lock on wire

**Liberty Bielle®**

Description	Package Contains	Order Number
Liberty Bielle® pivot 4,5 mm	1 case	ECM3040
Liberty Bielle® pivot 5 mm	1 case	ECM3045
Kit Liberty Bielle® on wire 0,9 mm	1 case	ECM3060
Kit Liberty Bielle® on wire 1,2 mm	1 case	ECM3065
Fil Elgiloy Bleu .036 inches	10	E00236
Fil Elgiloy Bleu .045 inches	6	E00238
Liberty Bielle® Upper Rod 32 mm	2	ECM3047
Liberty Bielle® Lower Rod 32 mm	2	ECM3048
Liberty Bielle® Pivot 4,5mm	10	ECM3043
Liberty Bielle® Pivot 5 mm	10	ECM3044
Liberty Bielle® Pivot 4,5mm on wire	2	ECM3061
Liberty Bielle® Pivot 5 mm on wire	2	ECM3066
Liberty Bielle® Screw	10	ECM3046

## Accessoires

Description	Package Contains	Order Number
Activations Spacers 1,5 mm	10	ECM3042
Open Activations Spacers 1,5 mm	10	ECM3039
Liberty Bielle® Clinical Screwdriver	1	ECM3071
Removable Liberty Bielle® Laboratory Screwdriver	1	ECM3041
Tips Liberty Bielle® Removable Laboratory Screwdriver	2	ECM3049

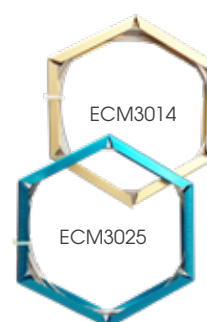


## Fulcrum Herbst Appliance - OHA (Orthèse Herbst-Amoric)

Herbst appliance with sliding pivots allowing a certain lateral movement. You just need to slide the pivot along the wire into the desired position and tighten it with the self-blocking screw. Once in position it is integrated into a thermoforming plate. The manufacturing time is reduced with no risk of weld failure. By matching herbs and a removable appliance we benefit from better tools to orient the growth.



Description	Package Contains	Order Number
Pair of Hinges with sliding pivots	1	ECM3011
Pivots and screw Kit	10	ECM3015
	100	ECM3015-2
Dr Amoric's book - French only	1	ECM3016
1mm Propulsion shafts	10	ECM3018
2mm Propulsion shafts	10	ECM3013
Screw	10	ECM3017
Pivot	10	ECM3019
Maxillary Hinge	2	ECM3020
Mandibular Right Hinge	1	ECM3021
Mandibular Left Hinge	1	ECM3022
5m of .072x.036 wire	1	ECM3014
5m of 0.8mm round lab wire	1	ECM3025







Flex Developer 2.0:

- A Ball pin
- B Looped end
- C Prefabricated guide wire
- D Spring rod
- E Locking end with hook, can be reopened/relocked



## What's new ?

1. Increased patient comfort due to encapsulated design
2. The hook of the locking end disappears entirely behind the prefabricated guide wire
3. Easy alignment of the Looped and Locking ends with laser etched longitudinal lines
4. Secure fixation using fixation points

by **Tiger Dental****Flex Developer 2.0**

The Flex Developer (FD) is a highly efficient class-II corrector that achieves tooth movement as well as triggers mandibular growth. Therapeutic force values remain constant even after millions of bending cycles, allowing for class-II-correction in the shortest possible time.

An additional indication is mandibular space-closure, especially following extraction or due to congenitally missing teeth.

If desired, distalization of maxillary teeth is also possible. Operators love the Flex Developer due to its robustness and fracture resistance.

In addition to moving teeth dentally, the device also has a functional effect. This stimulates the patient to position the mandible forward and induces Herbst-like mandibular growth. Biting in centric occlusion remains possible due to the device's exceptional flexibility.

The spring action is created using a fracture resistant, constantly flexible polyamide-rod. As a result, the FD can be shortened to any length and thinned down to any diameter.

In this fashion forces between 50 – 1,000 cN (cN ~ g) can be selected. Because the FD is secured to a sectional mandibular guide wire, it delivers a mesializing force to the lower molars that is especially useful in closing mandibular spaces. The FD leads to bodily tooth movement of 1 mm/month and can also be used unilaterally.

Description	Package Contains	Order Number
Flex Developer 5 pairs of variable length spring rods (to cut)	1	ECT0450

Description	Package Contains	Order Number
Starter Kit	1 kit	ECT0470

Description	Kit Contains	Order Number
Flex Developer 5 pairs of variable length spring rods (to cut)	1	ECT0450
Cisors	1	ECT0452
Measuring ruler	1	ECT0453
Torque Key	1	ECT0454
Crimping plier	1	ECT0455

### Facebow, Penta-Form™ Loop-Style

- 5 sizes of inner bow; length in millimeters is measured from distal end of loop along inner arch to distal end of opposite loop
- .071" made entirely of biomedical spring stainless steel wire outer bow
- .045" inner bow
- Laser welded joint for enhanced strength and reliability
- Marked with size and midline indication

Size	Package Contains	Order Number
1 83mm	1	J01290
2 90mm	1	J01291
3 97mm	1	J01292
4 104mm	1	J01293
5 111mm	1	J01294
Universal Full Form	1	J01297



### Facebow without Loop

- Standard in stainless steel with white protector tips

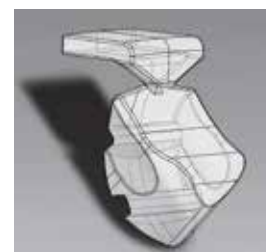
Package Contains	Order Number
1	ECM1390

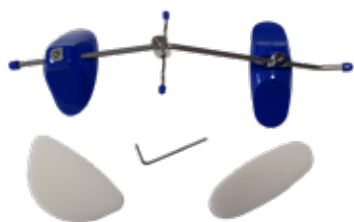


### Bite Bumper™

- Bite-Bumpers work in open and deep bite cases by allowing the anteriors to ride up and out of occlusion
- Guarantees the correct height on the lingual of the tooth and makes sure the two Bite-Bumpers are 100 % parallel
- The Bite-Bumpers are made of a composite polymer that is more comfortable, aesthetic and will increase biocompatibility in nickel sensitive patients

Package Contains	Order Number
10	ECM8103





### Adaptable Class III Mask

The protocol for many orthopedic facial mask treatment of Class III cases requires very heavy forces to be applied to the craniofacial complex. In these cases, the Adaptable Class III mask is an ideal choice. Elastics with combined force levels from 1 to 7 kilograms couple the face mask to an intraoral appliance(s) to elicit forward movement of the maxilla as a whole, rotation of the maxillary pyramid or movement of both arches.

#### Forehead Rest

- Patient comfort is maximized with ample coverage for stability and heavy force diffusion
- Hydrasorb™ foam liner
- Shatter resistant Biocryl II construction

#### Chin Cup

- Peripheral design offers laterally extended coverage to diffuse force over the mandible while avoiding the soft area near the lip and under the chin
- Hydrasorb™ foam liner

#### Mouthbow

- Looped ends for patient safety
- Radial locking block is repeatedly adjustable from low to high pull
- Welded crossbar

Description	Package Contains	Order Number
Blue with replacement pads and key	1	ECJ0290

## Reverse Pull Face Crib (D<sup>R</sup> Carl Gugino)

The Reverse-Pull Face Crib was initially designed for the correction of maxillary insufficiencies and mandibular prognathism. As orthodontists reported additional applications for the forward pull of the crib (class II and closing spaces), refinements were made. A chin cup was added to improve stability. The frame was modified to prevent shifting even during sleep. The mouthbow was redesigned to increase tension potential and optimal patient safety. Due to lightweight stainless steel construction and face fitting conformity the necessity of headstraps has been eliminated.

- **Class III:** Allows forward pull to bring the maxillary arch forward
- **Class II:** Allows forward pull on the mandibular arch. Ideal for moving teeth (individual or segment) forward.



Description	Package Contains	Order Number
Large model	1	ECJ0286
Little model	1	ECJ0285
Medium model	1	ECJ0284
Replacement felt	1	ECJ0283
Elastics (1/4 of inch, 16 oz)	1000	J01172

## Grummons Protraction Class III Mask

Reverse pull without TMJ loading Indications for treatment Midfacial Orthopedics, Dental Arch Protraction Postorthognathic Surgery, TMJ Management

### Adjustment Points

- Ensure a perfect fit for every face
- 30% angulation for comfort along tissue contours

### Mouthbow

- .075 gauge wire
- Increased stability and tension potential
- Used with your choice of intra-oral anchor

### Design Features

- Headstrap, greater stability, especially during sleep
- Adjustable Cheekbone rests
- Moulded of light weight plastic



Description	Package Contains	Order Number
Grummons Protraction Class III Mask	1	ECJ0292
Replacement protection pads	1	ECJ0299





### The Langlade Reciprocal Arch and Mini Chin Cup (for class II corrections)

Developed by Dr Michel Langlade, the reciprocal arch and mini chin cup offer a comfortable, effective and safe alternative to headgear. Since the appliance is more comfortable to wear, especially during the hours of sleep, patient compliance problems are minimized.

**The reciprocal arch** appliance is worn 24 hours per day with Class II elastics, applying a reciprocal force to both arches. It may be removable or ligated to the upper arch. The reciprocal chin cup is worn at home to protract the lower arch and increase the maxillary headgear force making the dental correction faster and easier.

#### Reciprocal arch:

- Easy adjustment
- Well tolerated (children & adults)
- Invisible (under upper lips)
- Patients wear the appliance 24 hours per day
- Reinforces Class II elastics effect
- Bumper effect
- Avoid headgear use
- Can be used with lateral 0.45 tube & reciprocal mini chin cup

**The mini chin cup** is recommended for the malocclusion of Class II in the case of retrusive lower arch and lower retrusive cuspids and/or incisors with microdontie, anodonties, agenesises.

- Easy to adjust
- Well tolerated (children & adults)
- Easy to wear (home hours & sleeping)
- Efficient headgear effect
- Very fast correction
- Can avoid surgery in borderline skeletal adult cases
- Very helpful in cases where you need to close/or to open spaces and to bring the lower arch forward.

Description	Package Contains	Order Number
<b>Reciprocal arch with headgear tubes</b> welded at the level of the cuspids on the reciprocal arch. Recommended for use in combination with the mini chin cup	1	ECJ0295
<b>Mini Chin Cup</b> Designed to be inserted into the headgear tubes on the reciprocal arch with Class II elastics of Class II fixed to the hooks of the mini chin cup and the mandibular vestibular tube on the first molar	1	ECJ0296
<b>Replacement pad</b> for the mini chin cup	1	ECJ0297

## High Pull Headgear

Description	Package Contains	Order Number
High pull head strap	1	ECJ3920
High pull head strap colour	1	ECJ3920C



# intraoral & extraoral

EXTRAORAL PRODUCTS: NECK PADS, SAFETY RELEASE MODULE, TRACTION BANDS

## Colour Neck pads



### Description

Without safety module

### Package Contains

1

### Order Number

ECJ3900



## Safety Release Module

### Description

Force level : 600g (with metallic stirrups)

Force level : 750g (with metallic stirrups)

Force level : 450g (with metallic stirrups)

### Package Contains

10

10

10

### Order Number

ECM8460

ECM8475

ECM8461

### Headgear Record card

Patient records the time the headgear appliance is worn. Encourages patient compliance. Available in the French language only

Description	Package Contains	Order Number
Dimensions : 165 x 110 mm	100	ECM0702





**RMO® Bondable Lingual Retainer**

Quicker, far more control, economical, no emergencies, versatile, hygienic

Kit Description	Package Contains	Order Number
Kit, 3x3 1 max/1 man	6 pads, 1 wire	ECK0546
Kit, 3x3 6 max/6 man	72 pads, 4 wires, 1 instrument	K00250
Kit, 3x3 6 max/6 man	72 pads, 4 wires	K002502
Kit, 4x4 6 max/6 man	96 pads, 4 wires, 1 instrument	K00253
Kit, 4x4 6	192 pads	ECK0547

Description	Package Contains	Order Number
Pad, Mx/Mn Cen/Lat R/L	50	E00524
Pad, Mx/Mn Cus R/L	50	E00525
Pad, Terminal, Cus, Mx L, Mn R	50	E00526
Pad, Terminal, Cus, Mx R, Mn L	50	E00527
Pad, Terminal, 1Bi, Mx L, Mn R	50	E00528
Pad, Terminal, 1Bi, Mx R, Mn L	50	E00529
Wire, Retainer (stainless steel) twisted	10	E00530
Instrument	1	i01102

**Retainer Chains**

Description	Package Contains	Order Number
Spool - gold (75cm)	1	ECE0710
Spool - Stainless steel (75cm)	1	ECE0712

### 3-Strand Flat Lingual Retainer Wire

A bonded, flat wire for permanent or semi-permanent retention of tooth position after treatment is well known. Bonded to the lingual surface, it is aesthetic, unobtrusive, and requires little patient cooperation.

- Made of fully annealed 302SS 3-Strand wire
- Wire is thin and flat, with dimensions of .010 x .028 (0.25mm x 0.71mm)
- Full annealed to allow for intricate formation
- 6'' (152mm) Lengths
- Wires are sold in packs of 10 per tube.

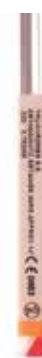
Description	Package contains	Order Number
.010 x .028	10	W3L0510



### TRU-CHROME® Stainless Steel Retainer Wire, No. 2 Temper

- Retainer Wire, No. 2 Temper is softer than arch wire, which enables the operator to more easily form the wire into retainer appliances
- Forming of the wire work-hardens the wire and provides a working resiliency for those types of appliances
- Length = 35,56cm

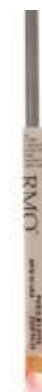
Diameter	Package contains	Order Number
.028" (0,711mm)	10	E00080
.030" (0,762mm)	10	E00081
.032" (0,812mm)	10	E00082
.036" (0,914mm)	10	E00083
.040" (1,016mm)	6	E00084



### TRU-CHROME® Stainless Steel Retainer Clasp Wire

- Clasp Wire Temper is between the resilient arch wire and the retainer wire
- It is soft enough to be instrument formed to the clasp configuration
- Forming gains sufficient hardening for the pliering to have satisfactory spring resiliency for clasp
- Length = 30cm

Diameter	Shape	Package contains	Order Number
.036" (0,914mm)	Round	5	E00063
.040" (1,016mm)	Round	5	E00062



### RMO® Blue Elgiloy® (soft)

- Recommended when the wire to be used is .030 or larger and when considerable bending or soldering is required.

Diameter	Package contains	Order Number
.030" (0,762mm)	10	E00230
.032" (0,812mm)	10	E00232
.036" (0,914mm)	10	E00236
.038" (0,965mm)	10	E00221
.040" (1,016mm)	6	E00237
.045" (1,143mm)	6	E00238
.060" (1,524mm)	5	E00226





# 05

## BANDS

RMO® was the first company to develop orthodontic bands, which have been fundamental to the progress of orthodontics. Techniques have changed, and materials have improved; moving from precious metals, to stainless steel preformed orthodontic bands. The application of stainless steel made it possible to provide greater edge strength, improved fit qualities and more aesthetically pleasing appliances.

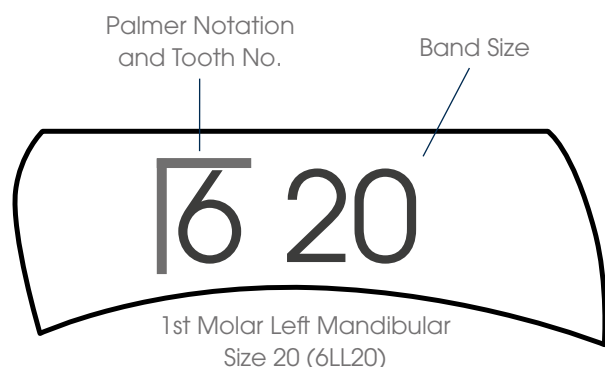
RMO®'s exclusive manufacturing process and special tempered raw material allow for greater strength and snap fit properties. RMO® bands incorporate rolled occlusal edges to maximize bond strength and control excessive bonding material. Bands continue to be an important component in the RMO® product line.

## CONTENTS

- 64** RMO® TruForm Band Markings
- 65** Maxillary/Mandibular First Molar
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- 67** Bicuspid Bands
- 70** Preweld Auxiliaries
- 71** Lingual Tubes
- 72** Preweld Position Guide





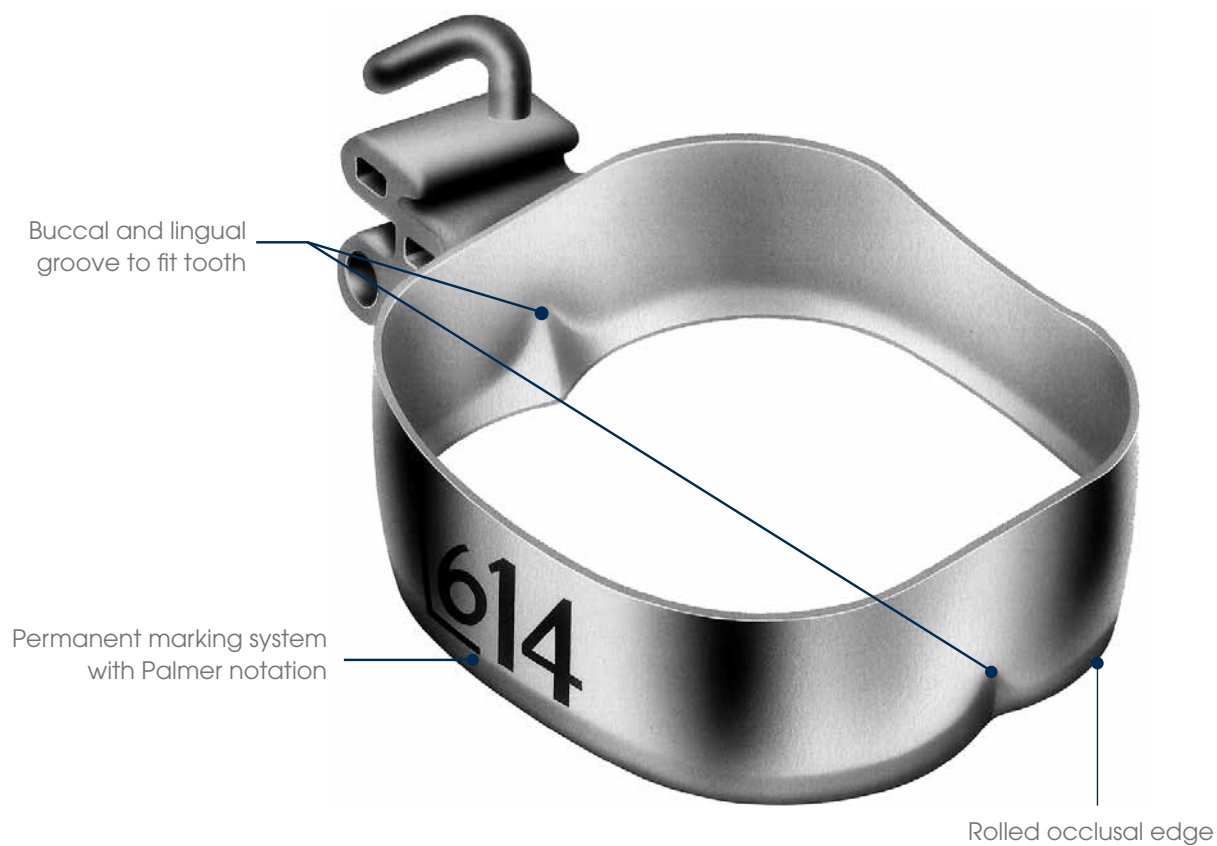
**RMO® Molar Band Marking Specifications**

max. right

max. left

man. right

man. left

**RMO® Molar Band Markings and Features**

- Easily withstands stress from external appliances
- Anatomical design – right and left shape for precise and comfortable fitting
- Size identification and Palmer notation are permanently marked to withstand heat sterilization
- Sizes are proportionately graduated for use on primary molars and first permanent molars
- Durable to withstand forces and will not collapse during seating

### First Maxillary Molar Right and Left



Size	Order Number (5 units)	
	Droite	Gauche
1	R00593	L00593
2	R00594	L00594
3	R00595	L00595
4	R00596	L00596
5	R00597	L00597
6	R00598	L00598
7	R00599	L00599
8	R00600	L00600
9	R00601	L00601
10	R00602	L00602
11	R00603	L00603
12	R00604	L00604
13	R00605	L00605
14	R00606	L00606
15	R00607	L00607
16	R00608	L00608
17	R00609	L00609
18	R00610	L00610
19	R00611	L00611
20	R00612	L00612
21	R00613	L00613
22	R00614	L00614
23	R00615	L00615
24	R00616	L00616
25	R00617	L00617
26	R00618	L00618
27	R00619	L00619
28	R00620	L00620
29	R00621	L00621
30	R00622	L00622
31	R00623	L00623
32	R00624	L00624
33	R00710	L00710
34	R00711	L00711
35	R00712	L00712
36	R00713	L00713

### First Mandibular Molar Right and Left



Size	Order Number (5 units)	
	Droite	Gauche
1	R00625	L00625
2	R00626	L00626
3	R00627	L00627
4	R00628	L00628
5	R00629	L00629
6	R00630	L00630
7	R00631	L00631
8	R00632	L00632
9	R00633	L00633
10	R00634	L00634
11	R00635	L00635
12	R00636	L00636
13	R00637	L00637
14	R00638	L00638
15	R00639	L00639
16	R00640	L00640
17	R00641	L00641
18	R00642	L00642
19	R00643	L00643
20	R00644	L00644
21	R00645	L00645
22	R00646	L00646
23	R00647	L00647
24	R00648	L00648
25	R00649	L00649
26	R00650	L00650
27	R00651	L00651
28	R00652	L00652
29	R00653	L00653
30	R00654	L00654
31	R00655	L00655
32	R00656	L00656
33	R00714	L00714
34	R00715	L00715
35	R00716	L00716
36	R00717	L00717

- Anatomical right and left shape with pre-positioned buccal groove provides positive retention with minimum effort and adaptation
- Size identification and Palmer notation are permanently marked to withstand heat sterilization
- Anatomically shaped – design conforms to buccal/lingual inclination and adapts to morphology of the tooth anatomy
- Dimensional strength remains stable without deformation during trial fitting
- Withstands mastication and external appliance stress
- Full complement of sizes (26 sizes)

### Second Maxillary Molar Right and Left



### Second Mandibular Molar Right and Left



Size	Order Number (5 units)	
	Droite	Gauche
7	R00664	L00664
8	R00665	L00665
9	R00666	L00666
10	R00667	L00667
11	R00668	L00668
12	R00669	L00669
13	R00670	L00670
14	R00671	L00671
15	R00672	L00672
16	R00673	L00673
17	R00674	L00674
18	R00675	L00675
19	R00676	L00676
20	R00677	L00677
21	R00678	L00678
22	R00679	L00679
23	R00680	L00680
24	R00681	L00681
25	R00682	L00682
26	R00683	L00683
27	R00684	L00684
28	R00685	L00685
29	R00686	L00686
30	R00687	L00687
31	R00688	L00688
32	R00689	L00689

Size	Order Number (5 units)	
	Droite	Gauche
7	R00806	L00806
8	R00807	L00807
9	R00808	L00808
10	R00809	L00809
11	R00810	L00810
12	R00811	L00811
13	R00812	L00812
14	R00813	L00813
15	R00814	L00814
16	R00815	L00815
17	R00816	L00816
18	R00817	L00817
19	R00818	L00818
20	R00819	L00819
21	R00820	L00820
22	R00821	L00821
23	R00822	L00822
24	R00823	L00823
25	R00824	L00824
26	R00825	L00825
27	R00826	L00826
28	R00827	L00827
29	R00828	L00828
30	R00829	L00829
31	R00830	L00830
32	R00831	L00831

## RMO® TRUFORM BAND: MAXILLARY BICUSPIDS, MANDIBULAR FIRST BICUSPID

- Functional fit with complete adaptation to tooth anatomy
- Full complement of sizes with choice of correct size for maximum retention
- Letter for easy size identification (U for upper and L for lower)
- RMO® engineered ductility and precise form adapts to the tooth contours with secure retention

## Maxillary 1st and 2nd Bicuspid



Size	Order Number (5 units)
G	B00319
G+	B00320
H	B00926
H+	B00927
I	B00546
I+	B00547
J	B00277
J+	B00278
K	B00279
K+	B00280
L	B00281
L+	B00282
M	B00283
M+	B00284
N	B00285
N+	B00286

## Mandibular First Bicuspid



Size	Order Number (5 units)
F	B00720
F+	B00721
G	B00722
G+	B00723
H	B00724
H+	B00725
I	B00726
I+	B00727
J	B00728
J+	B00729
K	B00776
K+	B00777
L	B00551
L+	B00552
M	B00553
M+	B00554

- Apron contoured tightly to buccal surface and adapts smoothly with mesial and distal angles
- Number and letter for easy size identification

### Mandibular Second Bicuspid



Size	Order Number (5 units)
16	B00746
17	B00747
18	B00748
19	B00749
20	B00750
21	B00751
22	B00752
23	B00753
24	B00754
25	B00755
26	B00756
27	B00757
28	B00758
29	B00759
30	B00760
31	B00761
32	B00762
33	B00763
34	B00764
35	B00765
36	B00766
37	B00767
38	B00768
39	B00769
40	B00770
41	B00771
42	B00772



## Band Trays

- RMO® offers a complete band storage and chairside dispensing system which fits with the permanent marking system. These versatile, space-saving series of storage and dispensing units are capable of holding all RMO® bicuspid and molar bands
- Each of the formed compartments in the trays vary in size to accommodate greater quantities of the most commonly used sizes
- Each printed tray format includes a formed tray and a clear, locking lid. Each tray includes a label that indicates type of band, maxillary, or mandibular



Description	Package Contains	Order Number
<b>Molar Band Tray</b> Max 1st/2nd Molar Right Max 1st/2nd Molar Left Man 1st/2nd Molar Right Man 1st/2nd Molar Left	1	J00750
<b>Bicuspid Band Tray</b> Maxillary 1st/2nd Bicuspid/ Mandibular 1st Bicuspid Mandibular 2nd Bicuspid	1 1 1	J00770 J00770 J00771
<b>Cases Organizer - 25 cases</b>	1	J00099

## Band and Bracket Trays (Stackable)

Description	Package Contains	Order Number
Basic drawer	1	ECJ0750
Additional drawer	1	ECJ0751
Band tray (insert)	1	ECJ0752
Bracket tray (insert)	1	ECJ0753





### Band Seating Lug

- Used to seat preformed bands
- Furnished in 10-lug strips for easy welding to lingual

Description	Package Contains	Order Number
Bicuspid	100	A00718
Molar	100	A00719



### Lug/Cleat (Debnam)

- Used as band seating lug and mesial-distal elastic hook
- Hook is bent out from band surface to engage elastics

Description	Package Contains	Order Number
Bicuspid	approx. 100	A00476
Molar	approx. 100	A00720



### Eyelets

- Large, accepts wire and small diameter ligature thread

Description	Package Contains	Order Number
Regular	100	A00039



### Lingual Hook

- Flat weldable base with smooth ball end for placement on molars

Description	Package Contains	Order Number
Regular	10	A00297



### Lingual Button

- Exclusive round design allows for placement anywhere on band with minimum protrusion
- Can be used as a combination hook/band seating lug
- Ultra-smooth finish for improved patient comfort

To Weld	Package Contains	Order Number
Regular	10	A00047



### Seating Lug/Hook

- Serves as lingual hook or molar hook for cross elastics and as a band seating lug

Description	Package Contains	Order Number
Bicuspid Molar Base	100	A00767

### Wilson® 3D® Lingual Tube

- Designed to accept Lingual 3D Fixed/Removable Modular Orthodontics (Wilson) appliances.

Description	Package Contains	Order Number
Tube without hook	10	A04315
Tube with gingival hook	10	A04314



### Ellis-type Lingual Tube With Locking Knob

- For .036" Ellis prefabricated lingual arches

Description	Package Contains	Order Number
Regular	10	A00173



### Solderable Lingual Post

- Use only with the lingual tubes A00173 and A00178

Description	Package Contains	Order Number
For .036" lingual arch wire	10	A00236



### Horizontal Lingual Tube

Description	Package Contains	Order Number
For .036" wire	10	A00148



### Horizontal Lingual Tube

- With distal retention notch

Description	Package Contains	Order Number
For .036" wire	10	A00149



### Horizontal Lingual Tube

- With occlusal welding flange

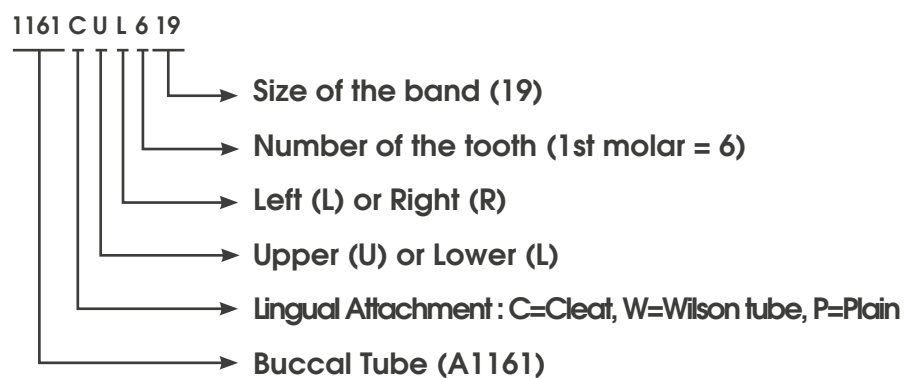
Description	Package Contains	Order Number
For .036" wire	10	A00186



### Smart Part Number reading of a Prewelded Band

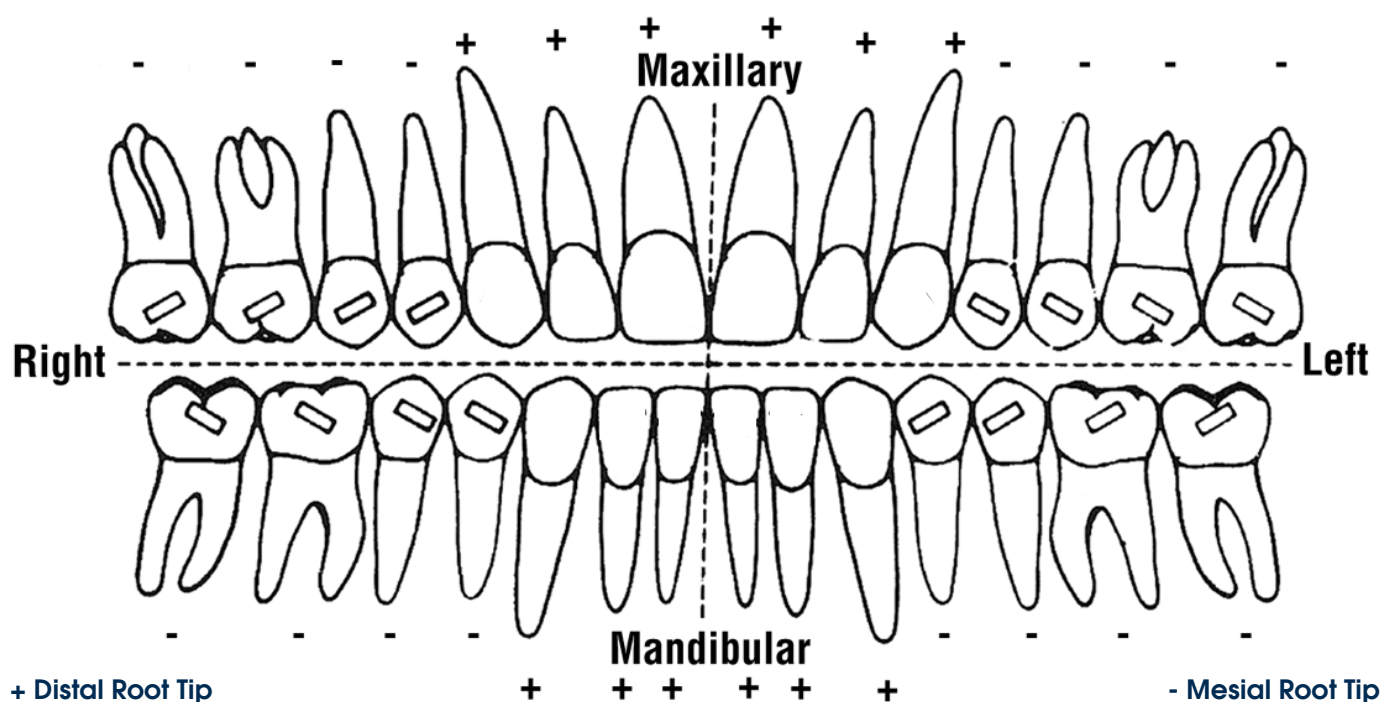
Each component of a prewelded band is detailed in the catalog, it may be interesting for you to identify them. By reading a preweld part number you will be able to identify all three components (the buccal tube, the band and the lingual attachment).

Here is an example of the following preweld part number: **1161CUL619**



### Angulation Guide

- Orders for angulated attachments will be positioned and angled per the standard technique of the specific attachment, unless otherwise specified.



## Position Guide

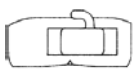
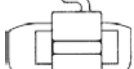
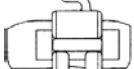
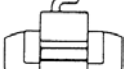
- The weld positions illustrated are standard and will vary according to the specific attachment and technique. Weld positions are subject to change as new techniques introduce new variations. RMO proudly offers the flexibility of custom placement assemblies for all prewelds per customer specification. Please allow additional fabrication time for all custom placement assemblies.

### Bicuspid




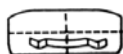
Size						
Placement	Max/Man 1st Edgewise	Man 2nd Edgewise	Light Wire Bracket	Seating Lug/Hook	Lingual Button	Lingual Lug/Cleat
Mesial-Distal	Centered	Centered	Centered	Centered	Centered	Centered
Occlusal-Gingival	Centered	Offset to Occlusal	Edge of bracket even with gingival edge of band	Offset to Occlusal	Centered	Offset to Occlusal

### Maxillary Molar

#### Buccal


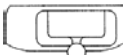

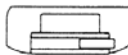
				
Placement	Single Buccal Tube	Convertible Double Tube	Convertible Double Tube	Convertible Double
Mesial-Distal	Mesial end of tube bisects mesial-buccal cusp	Mesial end of tube bisects mesial-buccal cusp	Mesial end of tube bisects mesial-buccal cusp	Tube Mesial end of tube bisects mesial-buccal
Occlusal-Gingival	Arch Slot for illustrations shown is 2.0mm ABOVE occlusal edge of band			

#### Lingual

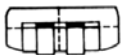
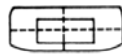


				
Placement	3D® Lingual Tube (Wilson®)	Lingual Arch Sheath	Lingual Button	Cleat Lug
Mesial-Distal	Centered	Centered	Centered	Centered
Occlusal-Gingival	Occlusal edge of tube offset 1.0mm from occlusal edge of band	Centered	Centered	Offset to Occlusal

### Mandibular Molar

#### Buccal

				
Placement	Single Buccal Tube	Double Tube	Single Tube	Single Tube
Mesial-Distal	R & L Mesial end of tube bisects mesial-buccal cusp	R & L Mesial end of tube bisects mesial-buccal cusp	R & L Mesial end of tube bisects mesial-buccal cusp	R & L Mesial end of tube bisects mesial-buccal cusp
Occlusal-Gingival	Arch Slot 2.0mm BELOW occlusal edge of band	Arch Slot 2.0mm BELOW occlusal edge of band	Arch Slot 2.0mm BELOW occlusal edge of band	Tube even with gingival edge of band

#### Lingual

				
Placement	3D® Lingual Tube (Wilson®)	Lingual Arch Sheath	Lingual Button	Lug/Cleat
Mesial-Distal	Centered	Centered	Centered on mesial cusp	Centered
Occlusal-Gingival	Occlusal edge of tube offset 1.0mm from occlusal edge of band	Centered	Offset to Occlusal	Offset to Occlusal





# 06

## BRACKET SYSTEMS

When it comes to the highest quality MIM manufactured metal brackets, RMO®'s extensive line caters to offices everywhere. The versatile Synergy line of brackets provides a tri-wing and smooth rounded arch slot walls and floor that reduces both friction and treatment time.

RMO®'s FLI® Twin bracket designs offer the highest quality in true twin design with patient comfort in mind.

Aesthetic brackets are preferred by patients who want the fastest, most efficient treatment with brackets so clear they're nearly invisible! With bracket options ranging from the flagship FLI® Clear to the economical, yet high strength Ali<sup>c</sup>e Composite, there's a perfect option to meet each patient's individual needs.

The RMO® line of self-ligating brackets are designed to move teeth most efficiently with fewer adjustments, giving you and your patients the most reliable and predictable results. With RMO®'s passive and active options, there's something for every office to keep the individual patient in mind.

## CONTENTS

**76** Metal Brackets

**117** Aesthetic Brackets

## RMO® Metal Brackets

When it comes to the highest quality, MIM manufactured metal brackets, RMO®'s extensive line caters to offices everywhere.

Altitude SL® M, RMO®'s **passive self-ligating** metal brackets, are the solution to low-friction technology that deliver trusted results and treatment efficiency attained by easy door activation and optimal sliding mechanics for effortless wire changes

Alpine SL®, RMO®'s **active self-ligating** metal brackets, deliver stellar control and performance. Optimal rotational control is easily achieved with the full slot clip coverage while easy operation allows for faster adjustments.

The versatile Synergy® line of brackets provides a tri-wing design that reduces both friction and treatment time. With smooth, rounded contours, FLI® Twin brackets offer the highest quality in true twin design with patient comfort in mind. Named for its totally integrated design, the Integra™ bracket has a center scribe for easy placement and an aesthetically pleasing size that patients enjoy.



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Alpine SL®  
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Synergy®  
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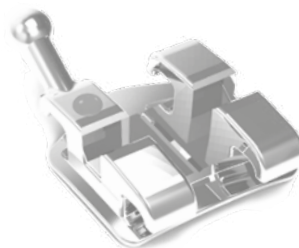
Synergy R®  
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Synergy FX®  
page 101



FLI® Twin  
page 104



Mini Twin  
page 108



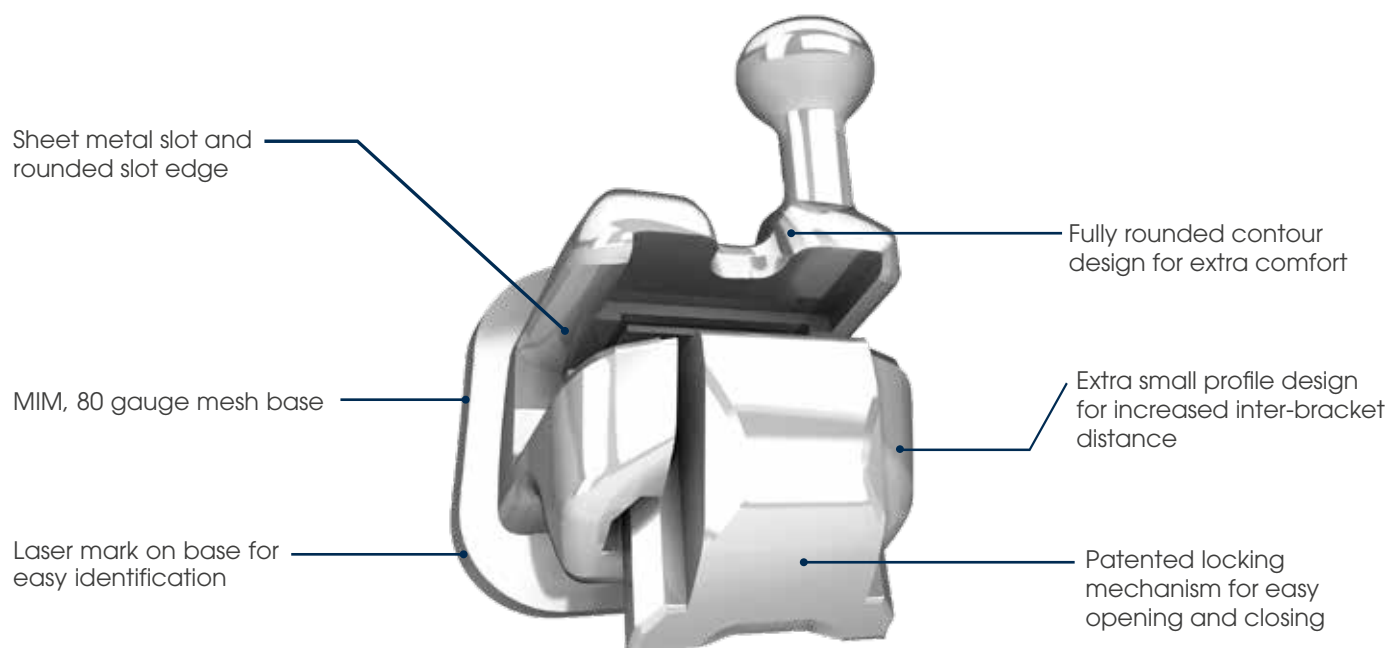
Integra™  
page 112



## Altitude SL® M Brackets

Emphasizing more on inter-bracket distance, lower frictional resistance, and smoothness. We have created an extra small profile, rounded slot edge, and a fully rounded contour design.

Altitude SL® M, the self-ligating bracket that gives you more control and comfort from start to finish.



**MATERIAL:** 17-4 PH Stainless Steel

**BASE:** 304 Stainless Steel 80-gauge Mesh

**PRESCRIPTION:** Roth

**SLOT SIZE:** .018 & .022

FEATURES	BENEFITS
MIM technology	High level precision
Fully rounded contour design	Extra comfort
Extra small profile design	Increased inter-bracket distance
Patented locking mechanism	Opening with a regular probe and easy closing with a finger
Sheet metal slot and rounded slot edge	Reduced frictional resistance
80-gauge mesh base	Superior bonding strength
Laser mark on the base	Easy bracket identification



## Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	M14300	M14400
	12°	5°	0°		L	M14301	M14401
Lateral	8°	9°	0°		R	M14302	M14402
	8°	9°	0°		L	M14303	M14403
Cuspid	-2°	10°	0°	Distal	R	M14306	M14406
	-2°	10°	0°	Distal	L	M14307	M14407
1st/2nd	-7°	0°	0°	Distal	R	M14310	M14410
Bicuspid	-7°	0°	0°	Distal	L	M14311	M14411



## Prescription Roth - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-1°	0°	0°		R/L	M14320	M14420
Cuspid	-11°	7°	0°	Distal	R	M14326	M14426
	-11°	7°	0°	Distal	L	M14327	M14427
1st Bicuspid	-17°	0°	0°	Distal	R	M14330	M14430
	-17°	0°	0°	Distal	L	M14331	M14431
2nd Bicuspid	-22°	0°	0°	Distal	R	M14334	M14434
	-22°	0°	0°	Distal	L	M14335	M14435

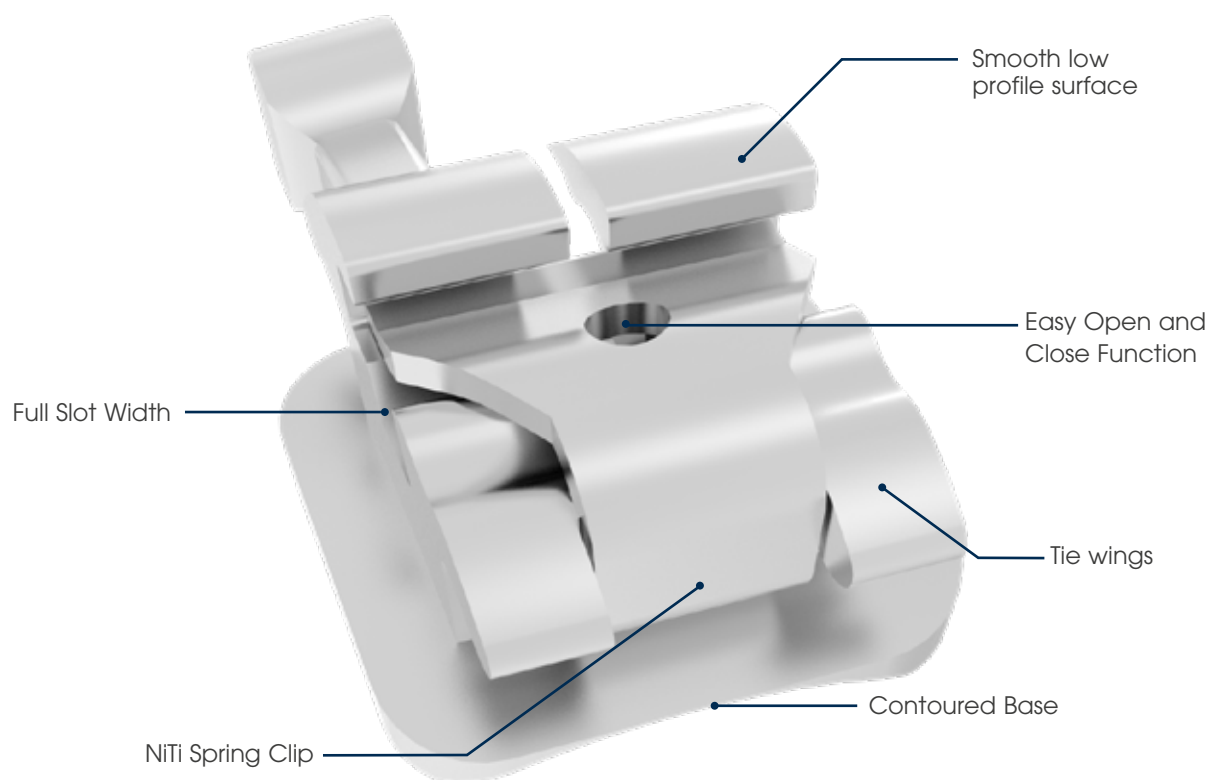


## Roth Prescription - Kit

Description	.018	.022
Kit with hook on cuspid/bicuspid, 5-5(20 brackets)	KM14302	KM14402

## Alpine SL® Brackets

It's all about precision, speed and control with the fully interactive metal Alpine SL® bracket. The Nickel Titanium spring delivers continuous and consistent forces without the risk of deformation during the entire length of treatment.



**BRACKET MATERIAL:** 17-4PH Stainless Steel

**BASE MATERIAL:** 316L Stainless Steel, 80-gauge Mesh

**PRESCRIPTIONS:** Roth, MBT, Bioprogressive, Trimorphic Brachyfacial, Trimorphic Mesofacial and Trimorphic Dolichofacial

**SLOT SIZE:** .022 or .018

### FEATURES

NiTi Spring Clip

Easy Open and Close Function

Full Slot Width

Smooth Low-Profile Surface

Tie Wings

Ink Mark and Palmer Notation

Contoured Base

80-Gauge Foil Mesh Base

### BENEFITS

Shape memory alloy ensures reliable clip operation and control for entire treatment

No special tool is required to open; Closes gingivally with slight pressure using figure on the incisal curve or using instrument

Clip offers full slot coverage allowing for optimal rotational control

Smooth surface finish offers exceptional patient comfort

Ample undercuts allow for optional ligation with chains and ties

Easy bracket identification

Anatomical tooth fitment and greater tooth control

Increased locking action

## Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R		M22400
	12°	5°	0°		L		M22401
Lateral	8°	9°	0°		R		M22402
	8°	9°	0°		L		M22403
Cuspid	-2°	11°	0°	Distal	R		M22406
	-2°	11°	0°	Distal	L		M22407
1st	-7°	0°	0°	Distal	R		M22410
Bicuspid	-7°	0°	0°	Distal	L		M22411
2nd	-7°	0°	0°	Distal	R		M22414
Bicuspid	-7°	0°	0°	Distal	L		M22415



## Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L		M22420
Cuspid	-11°	7°	0°	Distal	R		M22426
	-11°	7°	0°	Distal	L		M22427
1st	-17°	0°	0°	Distal	R		M22430
Bicuspid	-17°	0°	0°	Distal	L		M22431
2nd	-22°	0°	0°	Distal	R		M22434
Bicuspid	-22°	0°	0°	Distal	L		M22435



## Roth Preadjusted Straight Wire Prescription - Kit

Description	.018	.022
Roth Alpine SL®, with hook cuspid/bicuspid, 5-5		KM22402

**MBT Prescription - Maxillary Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	17°	4°	0°		R		M22100
	17°	4°	0°		L		M22101
Lateral	10°	8°	0°		R		M22102
	10°	8°	0°		L		M22103
Cuspid	-7°	8°	0°	Distal	R		M22106
	-7°	8°	0°	Distal	L		M22107
1st	-7°	0°	0°	Distal	R		M22110
Bicuspid	-7°	0°	0°	Distal	L		M22111
2nd	-7°	0°	0°	Distal	R		M22114
Bicuspid	-7°	0°	0°	Distal	L		M22115

**MBT Prescription - Mandibular Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-6°	0°	0°		R/L		M22120
Cuspid	-6°	3°	0°	Distal	R		M22126
	-6°	3°	0°	Distal	L		M22127
1st	-12°	2°	0°	Distal	R		M22130
Bicuspid	-12°	2°	0°	Distal	L		M22131
2nd	-17°	2°	0°	Distal	R		M22134
Bicuspid	-17°	2°	0°	Distal	L		M22135

**MBT Prescription - Kit**

Description	.018	.022
MBT Alpine SL®, with hook cuspid/bicuspid, 5-5		KM22102

### Biopressive Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Hook	R/L	.018
Central	22°	0°		R	M22200
	22°	0°		L	M22201
Lateral	14°	8°		R	M22202
	14°	8°		L	M22203



### Biopressive Prescription - Max. & Mand. Brackets

Tooth	Torque	Angulation	Hook	R/L	.018
Cuspid	7°	5°	Distal	R/L	M22206
	7°	5°	Distal	L/R	M22207



### Biopressive Prescription - Mandibular Brackets

MN	Torque	Angulation	Hook	R/L	.018
Anteriors	0°	0°		R/L	M22220







### Trimorphic® Bioprogressive® Brachyfacial Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R	M22200
	22°	0°	0°		L	M22201
Lateral	14°	8°	0°		R	M22202
	14°	8°	0°		L	M22203
Cuspid	7°	5°	0°	Distal	R	M22206
	7°	5°	0°	Distal	L	M22207
Bicuspid	0°	0°	0°		R/L	M22208

### Trimorphic® Bioprogressive® Brachyfacial Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M22220
Cuspid	7°	5°	0°	Distal	R	M22207
	7°	5°	0°	Distal	L	M22206
Bicuspid	0°	0°	0°		R/L	M22208

### Trimorphic® Bioprogressive® Brachyfacial Prescription - Kit

Description	.018
Brachio-facial with hook on cuspid, 5-5	KM22201



### Trimorphic® Bioprogressive® Mesofacial Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	17°	4°	0°		R	M22250
	17°	4°	0°		L	M22251
Lateral	10°	8°	0°		R	M22252
	10°	8°	0°		L	M22253
Cuspid	7°	5°	0°	Distal	R	M22206
	7°	5°	0°	Distal	L	M22207
Bicuspid	0°	0°	0°		R/L	M22208

### Trimorphic® Bioprogressive® Mesofacial Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M22220
Cuspid	7°	5°	0°	Yes	R	M22207
	7°	5°	0°	Yes	L	M22206
Bicuspid	0°	0°	0°		R/L	M22208

### Trimorphic® Bioprogressive® Mesofacial Prescription - Kit

Description	.018
Meso-facial with hook on cuspid, 5-5	KM22251

## Trimorphic® Bioprogressive® Dolichofacial Prescription Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	12°	5°	0°		R	M22260
	12°	5°	0°		L	M22261
Lateral	8°	9°	0°		R	M22262
	8°	9°	0°		L	M22263
Cuspid	7°	5°	0°	Distal	R	M22206
	7°	5°	0°	Distal	L	M22207
Bicuspid	0°	0°	0°		R/L	M22208



## Trimorphic® Bioprogressive® Dolichofacial Prescription Mandibular Brackets

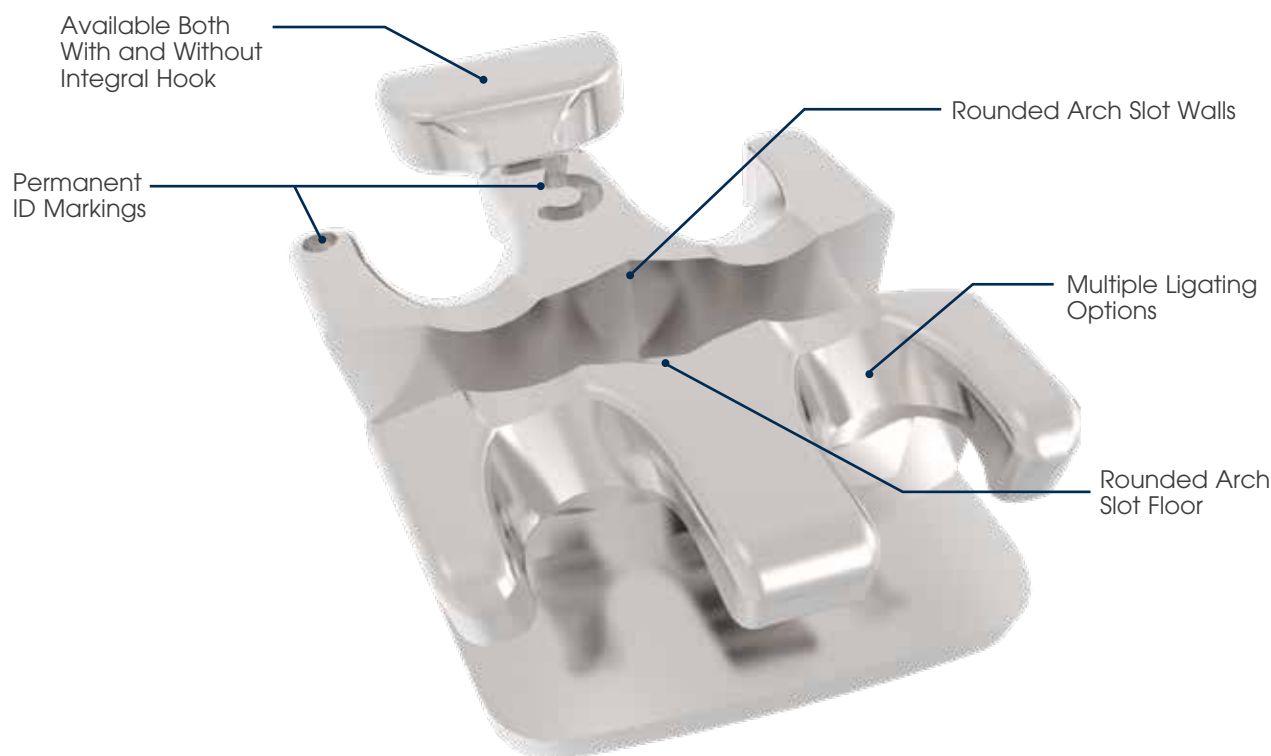
Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M22220
Cuspid	7°	5°	0°	Distal	R	M22207
	7°	5°	0°	Distal	L	M22206
Bicuspid	0°	0°	0°		R/L	M22208

## Trimorphic® Bioprogressive® Dolichofacial Prescription - Kit

Description	.018
Dolicho-facial with hook on cuspid, 5-5	KM22261

## Synergy® Brackets

Synergy® brackets are the most versatile brackets on the market. The tri-wing design provides more treatment options than conventional twin brackets with added features that dramatically reduce friction and total treatment time.



**MATERIAL:** 17-4 PH Stainless Steel

**BASE:** 316L Stainless Steel 80-Gauge Foil Mesh

**PRESCRIPTIONS:** SWLF®, Roth, Bench, Std. Edgewise, Ricketts Bioprogressive Classic, Ricketts® Bioprogressive® Original, Trimorphic Brachyfacial, Trimorphic Mesofacial and Trimorphic Dolichofacial

**SLOT SIZE:** .018 & .022

FEATURES	BENEFITS
Tri-wing design	Maximizes tooth-by-tooth control via Friction Selection Control (FSC)
Rounded arch slot walls	Decreases friction and keeps wire from binding
	Simple wire insertion
Rounded arch slot floor	Reduces friction since arch wire contacts at only two points
Permanent ID marking	Quick and accurate identification
Center scribe	Offers precise bracket placement
Two-piece MIM, 80-Gauge Mesh Pad	Consistent, strong and predictable bonding
Torque-in-base	Provides optimal slot alignment and reduces chair time

## Straight Wire Low-Friction Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	17°	3°	0°		R	M03800	M03900
	17°	3°	0°		L	M03801	M03901
Lateral	8°	9°	0°		R	M03802	M03902
	8°	9°	0°		L	M03803	M03903
Cuspid	0°	8°	0°	Center	R	M03806	M03906
	0°	8°	0°	Center	L	M03807	M03907
1st/2nd	-7°	0°	2° DO	Center	R	M03810	M03910
Bicuspid	-7°	0°	2° DO	Center	L	M03811	M03911



## Straight Wire Low-Friction Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L	M03820	M03920
(Low-Profile)	0°	0°	0°		R/L	M03822	M03922
Cuspid	0°	0°	0°	Center	R/L	M03826	M03926
1st/2nd	-17°	0°	4° DO	Center	L	M03830	M03930
Bicuspid	-17°	0°	4° DO	Center	R	M03831	M03931



## Straight Wire Low Friction Prescription - Kits

Description	.018	.022
SWLF® Synergy® hook on cuspid/bicuspid, 5-5	KM03802	KM03902
SWLF® Synergy® low profile mandibular central/lateral hook on cuspid/bicuspid, 5-5	KM03805	KM03905

## Roth Prescription - Maxillary Brackets



Tooth	Torque	Angulation	Offset	Hook	R/L	Base	.018	.022
Central	12°	5°	0°		R		M02300	M02400
	12°	5°	0°		L		M02301	M02401
Lateral	8°	9°	0°		R		M02302	M02402
	8°	9°	0°		L		M02303	M02403
	8°	9°	0°	Center	R		M02316	M02416
	8°	9°	0°	Center	L		M02317	M02417
Cuspid	0°	11°	4° MO		R		M02304	M02404
	0°	11°	4° MO		L		M02305	M02405
	0°	11°	4° MO	Center	R		M02306	M02406
	0°	11°	4° MO	Center	L		M02307	M02407
1st/2nd Bicuspid	-7°	0°	2° DO		R		M02308	M02408
	-7°	0°	2° DO		L		M02309	M02409
	-7°	0°	2° DO	Center	R		M02310	M02410
	-7°	0°	2° DO	Center	L		M02311	M02411
	-7°	0°	2° DO		R	On Band	A02308	A02408
	-7°	0°	2° DO		L	On Band	A02309	A02409
	-7°	0°	2° DO	Center	R	On Band	A02310	A02410
	-7°	0°	2° DO	Center	L	On Band	A02311	A02411
Gingival Offset	-7°	0°	2° DO		R		M02348	M02448
	-7°	0°	2° DO		L		M02349	M02449
	-7°	0°	2° DO	Center	R		M02350	M02450
	-7°	0°	2° DO	Center	L		M02351	M02451



## Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	Base	.018	.022
Central	-1°	2°	0°		R		M02320	M02420
	-1°	2°	0°		L		M02321	M02421
Lateral	-1°	2°	0°		R		M02322	M02422
	-1°	2°	0°		L		M02323	M02423
	-1°	2°	0°	Center	R		M02338	M02438
	-1°	2°	0°	Center	L		M02339	M02439
Cuspid	-11°	5°	2° MO		R		M02324	M02424
	-11°	5°	2° MO		L		M02325	M02425
	-11°	5°	2° MO	Center	R		M02326	M02426
	-11°	5°	2° MO	Center	L		M02327	M02427
1st Bicuspid	-17°	0°	4° DO		R		M02328	M02428
	-17°	0°	4° DO		L		M02329	M02429
	-17°	0°	4° DO	Center	R		M02330	M02430
	-17°	0°	4° DO	Center	L		M02331	M02431
	-17°	0°	4° DO		R	On Band	A02328	A02428
	-17°	0°	4° DO		L	On Band	A02329	A02429
	-17°	0°	4° DO	Center	R	On Band	A02330	A02430
	-17°	0°	4° DO	Center	L	On Band	A02331	A02431
Gingival Offset	-17°	0°	4° DO		R		M02368	M02468
	-17°	0°	4° DO		L		M02369	M02469
	-17°	0°	4° DO	Center	R		M02370	M02470
	-17°	0°	4° DO	Center	L		M02371	M02471
2nd Bicuspid	-22°	0°	4° DO		R		M02332	M02432
	-22°	0°	4° DO		L		M02333	M02433
	-22°	0°	4° DO	Center	R		M02334	M02434
	-22°	0°	4° DO	Center	L		M02335	M02435
	-22°	0°	4° DO		R	On Band	A02332	A02432
	-22°	0°	4° DO		L	On Band	A02333	A02433
	-22°	0°	4° DO	Center	R	On Band	A02334	A02434
	-22°	0°	4° DO	Center	L	On Band	A02335	A02435
Gingival Offset	-22°	0°	4° DO		R		M02372	M02472
	-22°	0°	4° DO		L		M02373	M02473
	-22°	0°	4° DO	Center	R		M02374	M02474
	-22°	0°	4° DO	Center	L		M02375	M02475



## Roth Prescription - Kits

Description	.018	.022
Roth Synergy® without hook, 5-5	KM02300	KM02400
Roth Synergy® hook on cuspid, 5-5	KM02301	KM02401
Roth Synergy® hook on cuspid/bicuspid, 5-5	KM02302	KM02402
Roth Synergy® hook on lateral/cuspid, 5-5	KM02303	
Roth Synergy® hook on maxillary cuspid, 5-5	KM02380	KM02480
Roth Synergy® hook on cuspid and gingivally offset bicuspid, 5-5	KM02305	

**Bioprogressive® Hybrid Prescription - Maxillary Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	3°	0°		R	M02600
	22°	3°	0°		L	M02601
Lateral	8°	10°	0°		R	M02638
	8°	10°	0°		L	M02639
Cuspid	5°	8°	0°	Center	R	M02642
	5°	8°	0°	Center	L	M02643
1st/2nd Bicuspid	0°	0°	0°	Center	R	M02648
	0°	0°	0°	Center	L	M02649

**Bioprogressive® Hybrid Prescription - Mandibular Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M02620
Cuspid	3°	3°	0°	Center	R	M02646
	3°	3°	0°	Center	L	M02647
1st/2nd	0°	0°	0°	Center	R	M02658
Bicuspid	0°	0°	0°	Center	L	M02659

**Bioprogressive® Hybrid Prescription - Kits**

Description	.018
Synergy® Bioprogressive® Hybrid hook on cuspid/bicuspid, 5-5	KM02615

## Ricketts® Original Bioprogressive® Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R	M02800
	22°	0°	0°		L	M02801
Lateral	14°	8°	0°		R	M02802
	14°	8°	0°		L	M02803
Cuspid	7°	5°	0°		R	M02804
	7°	5°	0°		L	M02805
1st	0°	0°	0°		R	M02808
Bicuspid	0°	0°	0°		L	M02809
	0°	0°	0°	Center	R	M02848
	0°	0°	0°	Center	L	M02849
Gingival Offset	0°	0°	0°		R	M02810
	0°	0°	0°		L	M02811
	0°	0°	0°	Center	R	M02850
	0°	0°	0°	Center	L	M02851
2nd	0°	0°	0°		R	M02812
Bicuspid	0°	0°	0°		L	M02813
	0°	0°	0°	Center	R	M02852
	0°	0°	0°	Center	L	M02853
Gingival Offset	0°	0°	0°		R	M02814
	0°	0°	0°		L	M02815
	0°	0°	0°	Center	R	M02854
	0°	0°	0°	Center	L	M02855



## Ricketts® Original Bioprogressive® Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M02820
Cuspid	7°	5°	0°		R	M02824
	7°	5°	0°		L	M02825
1st	0°	0°	0°		R	M02828
Bicuspid	0°	0°	0°		L	M02829
	0°	0°	0°	Center	R	M02858
	0°	0°	0°	Center	L	M02859
Gingival Offset	0°	0°	0°		R	M02830
	0°	0°	0°		L	M02831
	0°	0°	0°	Center	R	M02860
	0°	0°	0°	Center	L	M02861
2nd	0°	0°	0°		R	M02832
Bicuspid	0°	0°	0°		L	M02833
	0°	0°	0°	Center	R	M02862
	0°	0°	0°	Center	L	M02863
Gingival Offset	0°	0°	0°		R	M02834
	0°	0°	0°		L	M02835
	0°	0°	0°	Center	R	M02864
	0°	0°	0°	Center	L	M02865



## Ricketts® Original Bioprogressive® Prescription - Kits

Description	.018
Ricketts® Original Synergy® without hook, 5-5	KM02800

**Ricketts® Classic Bioprogressive® Prescription - Maxillary Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	3°	0°		R	M02600
	22°	3°	0°		L	M02601
Optional	12°	3°	0°		R	M02636
	12°	3°	0°		L	M02637
Lateral	14°	10°	0°		R	M02602
	14°	10°	0°		L	M02603
Optional	8°	10°	0°		R	M02638
	8°	10°	0°		L	M02639
Cuspid	5°	8°	0°		R	M02640
	5°	8°	0°		L	M02641
	5°	8°	0°	Center	R	M02642
	5°	8°	0°	Center	L	M02643
Optional High Profile	7°	8°	0°		R	M02604
	7°	8°	0°		L	M02605
	7°	8°	0°	Center	R	M02606
	7°	8°	0°	Center	L	M02607
1st Bicuspid	0°	0°	0°		R	M02608
	0°	0°	0°		L	M02609
	0°	0°	0°	Center	R	M02648
	0°	0°	0°	Center	L	M02649
Gingival Offset	0°	0°	0°		R	M02610
	0°	0°	0°		L	M02611
	0°	0°	0°	Center	R	M02650
	0°	0°	0°	Center	L	M02651
2nd Bicuspid	0°	0°	0°		R	M02612
	0°	0°	0°		L	M02613
	0°	0°	0°	Center	R	M02652
	0°	0°	0°	Center	L	M02653
Gingival Offset	0°	0°	0°		R	M02614
	0°	0°	0°		L	M02615
	0°	0°	0°	Center	R	M02654
	0°	0°	0°	Center	L	M02655

## Ricketts® Classic Bioprogressive® Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M02620
Cuspid	3°	3°	0°		R	M02644
	3°	3°	0°		L	M02645
	3°	3°	0°	Center	R	M02646
	3°	3°	0°	Center	L	M02647
Optional High Profile	2°	2°	0°		R	M02624
	2°	2°	0°		L	M02625
	2°	2°	0°	Center	R	M02626
	2°	2°	0°	Center	L	M02627
1st Bicuspid	0°	0°	0°		R	M02628
	0°	0°	0°		L	M02629
	0°	0°	0°	Center	R	M02658
	0°	0°	0°	Center	L	M02659
Gingival Offset	0°	0°	0°		R	M02630
	0°	0°	0°		L	M02631
	0°	0°	0°	Center	R	M02660
	0°	0°	0°	Center	L	M02661
2nd Bicuspid	-14°	0°	0°		R	M02632
	-14°	0°	0°		L	M02633
	-14°	0°	0°	Center	R	M02662
	-14°	0°	0°	Center	L	M02663
Gingival Offset	-14°	0°	0°		R	M02634
	-14°	0°	0°		L	M02635
	-14°	0°	0°	Center	R	M02664
	-14°	0°	0°	Center	L	M02665



## Ricketts® Classic Bioprogressive® Prescription - Kits

Description	.018
Ricketts® Classic Synergy® without hook, 5-5	KM02610
Ricketts® Classic Synergy® hook on cuspid, 5-5	KM02611
Ricketts® Classic Synergy® hook on cuspid/bicuspid, 5-5	KM02612

## Bench Bioprogressive® Preadjusted Prescription - Maxillary Brackets



Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	17°	3°	0°		R	M02700
	17°	3°	0°		L	M02701
Lateral	11°	10°	0°		R	M02702
	11°	10°	0°		L	M02703
Cuspid	5°	8°	0°		R	M02704
	5°	8°	0°		L	M02705
	5°	8°	0°	Center	R	M02706
	5°	8°	0°	Center	L	M02707
1st/2nd Bicuspid	-7°	0°	2° DO		R	M02708
	-7°	0°	2° DO		L	M02709
	-7°	0°	2° DO	Center	R	M02710
	-7°	0°	2° DO	Center	L	M02711
Gingival Offset	-7°	0°	2° DO		R	M02748
	-7°	0°	2° DO		L	M02749
	-7°	0°	2° DO	Center	R	M02750
	-7°	0°	2° DO	Center	L	M02751

## Bench Bioprogressive® Preadjusted Prescription - Mandibular Brackets



Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	-1°	2°	0°		R	M02720
	-1°	2°	0°		L	M02721
Cuspid	3°	3°	0°		R	M02724
	3°	3°	0°		L	M02725
	3°	3°	0°	Center	R	M02726
	3°	3°	0°	Center	L	M02727
1st Bicuspid	-15°	0°	0°		R	M02728
	-15°	0°	0°		L	M02729
	-15°	0°	0°	Center	R	M02730
	-15°	0°	0°	Center	L	M02731
Gingival Offset	-15°	0°	0°		R	M02768
	-15°	0°	0°		L	M02769
	-15°	0°	0°	Center	R	M02770
	-15°	0°	0°	Center	L	M02771
2nd Bicuspid	-22°	0°	4° DO		R	M02732
	-22°	0°	4° DO		L	M02733
	-22°	0°	4° DO	Center	R	M02734
	-22°	0°	4° DO	Center	L	M02735
Gingival Offset	-22°	0°	4° DO		R	M02772
	-22°	0°	4° DO		L	M02773
	-22°	0°	4° DO	Center	R	M02774
	-22°	0°	4° DO	Center	L	M02775

## Bench Bioprogressive® Preadjusted Prescription - Kits

Description	.018
Bench Synergy® hook on cuspid, 5-5	KM02701
Bench Synergy® hook on cuspid/bicuspid, 5-5	KM02702



## Trimorphic® Bioprogressive® Brachyfacial Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	3°	0°		R	M02228
	22°	3°	0°		L	M02229
Lateral	14°	10°	0°		R	M02230
	14°	10°	0°		L	M02231
Cuspid	5°	8°	0°		R	M02232
	5°	8°	0°		L	M02233
	5°	8°	0°	Center	R	M02234
	5°	8°	0°	Center	L	M02235
1st	-6°	0°	2° DO		R	M02208
Bicuspid	-6°	0°	2° DO		L	M02209
	-6°	0°	2° DO	Center	R	M02210
	-6°	0°	2° DO	Center	L	M02211
2nd	-6°	0°	0°		R/L	M02212
Bicuspid	-6°	0°	0°	Center	R/L	M02213



## Trimorphic® Bioprogressive® Brachyfacial Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M02215
Cuspid	3°	3°	0°		R	M02236
	3°	3°	0°		L	M02237
	3°	3°	0°	Center	R	M02238
	3°	3°	0°	Center	L	M02239
1st	-15°	0°	0°		R/L	M02220
Bicuspid	-15°	0°	0°	Center	R/L	M02221
2nd	-20°	0°	0°		R/L	M02222
Bicuspid	-20°	0°	0°	Center	R/L	M02223



## Trimorphic® Bioprogressive® Brachyfacial Prescription - Kits

Description	.018
Brachyfacial Synergy® without hook, 5-5	KM02220
Brachyfacial Synergy® hook on cuspid, 5-5	KM02221
Brachyfacial Synergy® hook on cuspid/bicuspid, 5-5	KM02222
Brachyfacial Synergy® hook on maxillary cuspid, 5-5	KM02270

## Trimorphic® Biopressive® Mesofacial Prescription - Maxillary Brackets



Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	17°	3°	0°		R	M02224
	17°	3°	0°		L	M02225
Lateral	11°	10°	0°		R	M02226
	11°	10°	0°		L	M02227
Cuspid	0°	8°	0°		R	M02204
	0°	8°	0°		L	M02205
	0°	8°	0°	Center	R	M02206
	0°	8°	0°	Center	L	M02207
1st	-6°	0°	2° DO		R	M02208
Bicuspid	-6°	0°	2° DO		L	M02209
	-6°	0°	2° DO	Center	R	M02210
	-6°	0°	2° DO	Center	L	M02211
2nd	-6°	0°	0°		R/L	M02212
Bicuspid	-6°	0°	0°	Center	R/L	M02213

## Trimorphic® Biopressive® Mesofacial Prescription - Mandibular Brackets



Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M02215
Cuspid	0°	3°	0°		R	M02216
	0°	3°	0°		L	M02217
	0°	3°	0°	Center	R	M02218
	0°	3°	0°	Center	L	M02219
1st	-15°	0°	0°		R/L	M02220
Bicuspid	-15°	0°	0°	Center	R/L	M02221
2nd	-20°	0°	0°		R/L	M02222
Bicuspid	-20°	0°	0°	Center	R/L	M02223

## Trimorphic® Biopressive® Mesofacial Prescription - Kits

Description	.018
Mesofacial Synergy® without hook, 5-5	KM02210
Mesofacial Synergy® hook on cuspid, 5-5	KM02211
Mesofacial Synergy® hook on cuspid/bicuspid, 5-5	KM02212
Mesofacial Synergy® hook on maxillary cuspid, 5-5	KM02280

## Trimorphic® Bioprogressive® Dolichofacial Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	12°	3°	0°		R	M02200
	12°	3°	0°		L	M02201
Lateral	8°	10°	0°		R	M02202
	8°	10°	0°		L	M02203
Cuspid	0°	8°	0°		R	M02204
	0°	8°	0°		L	M02205
	0°	8°	0°	Center	R	M02206
	0°	8°	0°	Center	L	M02207
1st	-6°	0°	2° DO		R	M02208
Bicuspid	-6°	0°	2° DO		L	M02209
	-6°	0°	2° DO	Center	R	M02210
	-6°	0°	2° DO	Center	L	M02211
2nd	-6°	0°	0°		R/L	M02212
Bicuspid	-6°	0°	0°	Center	R/L	M02213



## Trimorphic® Bioprogressive® Dolichofacial Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M02215
Cuspid	0°	3°	0°		R	M02216
	0°	3°	0°		L	M02217
	0°	3°	0°	Center	R	M02218
	0°	3°	0°	Center	L	M02219
1st	-15°	0°	0°		R/L	M02220
Bicuspid	-15°	0°	0°	Center	R/L	M02221
2nd	-20°	0°	0°		R/L	M02222
Bicuspid	-20°	0°	0°	Center	R/L	M02223



## Trimorphic® Bioprogressive® Dolichofacial Prescription - Kits

Description	.018
Dolichofacial Synergy® without hook, 5-5	KM02200
Dolichofacial Synergy® hook on cuspid, 5-5	KM02201
Dolichofacial Synergy® hook on cuspid/bicuspid, 5-5	KM02202
Dolichofacial Synergy® hook on maxillary cuspid, 5-5	KM02290



### Standard Edgewise Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	0°	0°	0°		R/L	M07600	M07620
Lateral	0°	0°	0°		R/L	M07601	M07621
Cuspid/ Bicuspid	0°	0°	0°		R/L	M07604	M07624
	0°	0°	0°	Center	R/L	M07606	M07626



### Standard Edgewise Prescription - Mandibular Brackets

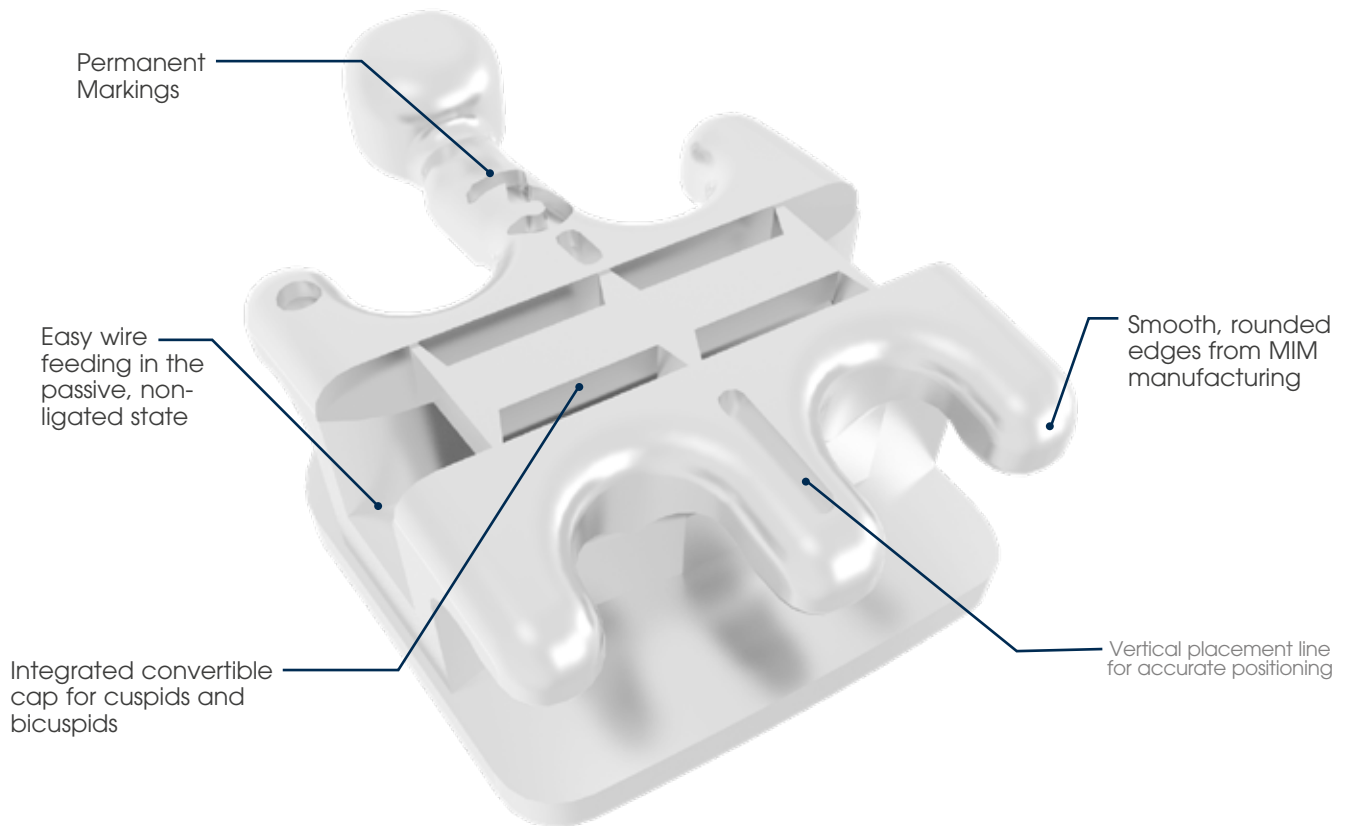
Tooth	Torque	R/L	Angulation	Offset	Hook	.018	.022
Central/ Lateral	0°	R/L	0°	0°		M07610	M07630
Cuspid/ Bicuspid	0°	R/L	0°	0°		M07604	M07624
	0°	R/L	0°	0°	Center	M07606	M07626

### Standard Edgewise Prescription - Kits

Description	.018	.022
Standard Edgewise Synergy® without hook, 5-5	KM07600	KM07620
Standard Edgewise Synergy® hook on cuspid, 5-5	KM07601	KM07621
Standard Edgewise Synergy® hook on cuspid/bicuspid, 5-5	KM07602	KM07622
Standard Edgewise Synergy® hook on maxillary cuspid, 5-5	KM07680	KM07690

### Synergy R® Brackets

Synergy® brackets are the most versatile brackets on the market. The tri-wing design provides more treatment options than conventional twin brackets with added features that dramatically reduce friction and total treatment time. Synergy R® adds the convenience of a convertible cap design for enhanced treatment options on the cuspids and bicuspid



**MATERIAL:** 17/4 PH Stainless Steel

**BASE:** 316L Stainless Steel 80-Gauge Foil Mesh

**PRESCRIPTION:** SWLF

**SLOT SIZE:** .018 & .022

FEATURES	BENEFITS
Tri-wing design	Maximizes tooth-by-tooth control via Friction Selection Control (FSC)
Rounded arch slot walls	Decreases friction and binding of wire
	Simple wire insertion
Rounded arch slot floor	Reduces friction since arch wire contacts at only two points
Permanent ID marking	Quick and accurate identification
Center scribe	Offers precise bracket placement
Two-piece MIM, 80-Gauge Mesh Pad	Consistent, strong, predictable bonding
Convertible cap	Allows for passive treatment options without the use of ligatures
Torque-in-base	Provides optimal slot alignment and reduces both guesswork and chair time



### Straight Wire Low Friction Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Slot	Hook	R/L	.018	.022
Central	17°	3°	0°			R	M07000	M07100
	17°	3°	0°			L	M07001	M07101
Lateral	8°	9°	0°			R	M07002	M07102
	8°	9°	0°			L	M07003	M07103
Cuspid	0°	8°	0°	Convert.	Center	R	M07006	M07106
	0°	8°	0°	Convert.	Center	L	M07007	M07107
1st/2nd Bicuspid	-7°	0°	0°	Convert.	Center	R/L	M07010	M07110
Gingival Offset	-7°	0°	0°	Convert.	Center	R/L	M07052	M07152



### Straight Wire Low Friction Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Slot	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°			R/L	M07020	M07120
Optional	-6°	0°	0°			R	M07022	M07122
Cuspid	0°	0°	0°	Convert.	Center	R/L	M07026	M07126
1st/2nd Bicuspid	-17°	0°	0°	Convert.	Center	R/L	M07030	M07130
Gingival Offset	-17°	0°	0°	Convert.	Center	R/L	M07062	M07162

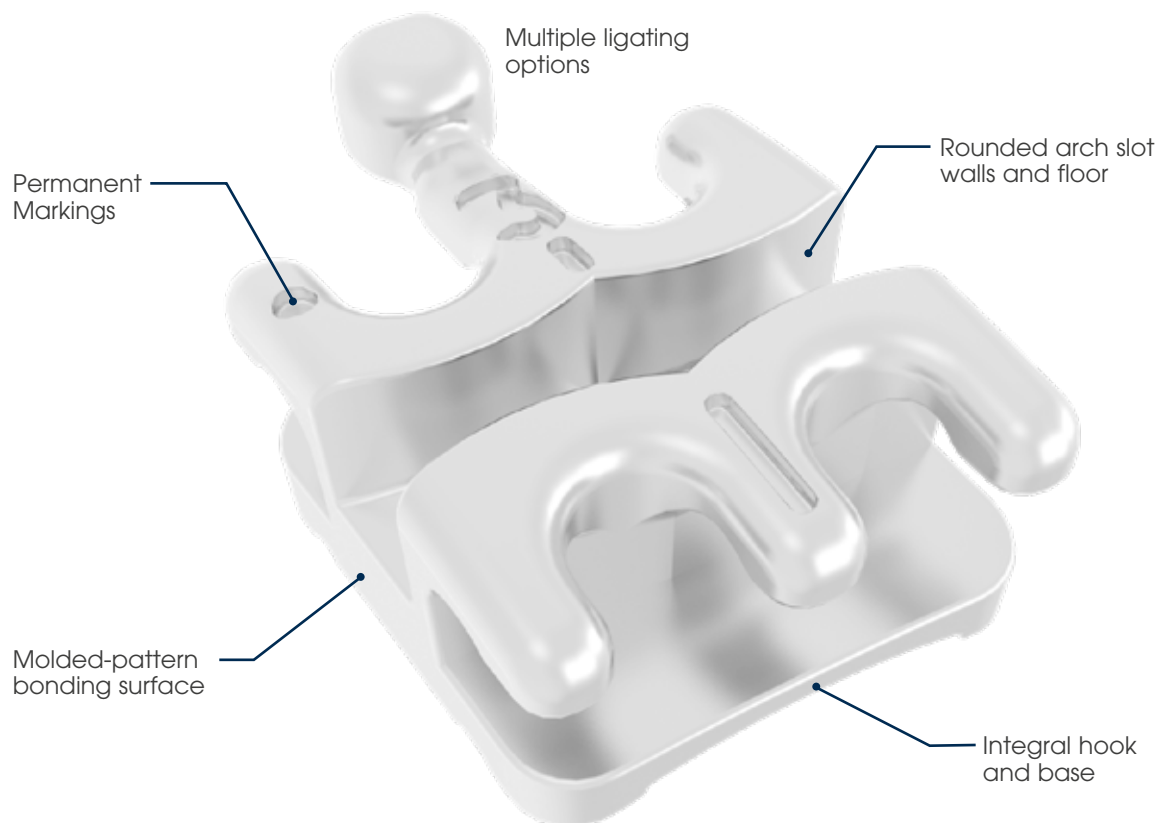
### Straight Wire Low Friction Prescription - Kits

Description	.018	.022
SWLF® Synergy R® hook on convertible cuspid/bicuspid, 5-5	KM07002	KM07102
SWLF® Synergy R® optional mandibular central/lateral (-)6T, hook on convertible, cuspid/bicuspid, 5-5	KM07005	KM07105
SWLF® Synergy R® hook on convertible cuspid/bicuspid, gingival offset bicuspid optional mandibular central/lateral (-)6T, 5-5	KM07008	KM07108



### Synergy FX® Brackets

Synergy® brackets are the most versatile brackets on the market. The tri-wing design provides more treatment options than conventional twin brackets with added features that dramatically reduce friction and total treatment time. Synergy FX® is a 1 piece design with integrated base for additional strength



**MATERIAL:** 316 L Stainless Steel

**BASE:** 316L Stainless Steel 80-Gauge Foil Mesh

**PRESCRIPTIONS:** SWLF® & Roth

**SLOT SIZE:** .018 & .022

#### FEATURES

Tri-wing design  
Rounded arch slot walls  
Rounded arch slot floor  
Permanent ID marking  
Center scribe  
One-piece design  
Integrated molded base with built-in wings  
Torque-in-base

#### BENEFITS

Maximizes tooth-by-tooth control via Friction Selection Control (FSC)  
Decreases friction and binding of wire  
Simple wire insertion  
Reduces friction since arch wire contacts at only two points  
Quick and accurate identification  
Offers precise bracket placement  
Optimal strength of bracket  
Low profile to increase patient comfort  
Provides optimal slot alignment and reduces both guesswork and chair time



### Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	M09500	M09600
	12°	5°	0°		L	M09501	M09601
Lateral	8°	9°	0°		R	M09502	M09602
	8°	9°	0°		L	M09503	M09603
Cuspid	2°	10°	4° MO	Center	R	M09506	M09606
	2°	10°	4° MO	Center	L	M09507	M09607
1st/2nd Bicuspid	-7°	0°	2° DO	Center	R	M09510	M09610
	-7°	0°	2° DO	Center	L	M09511	M09611



### Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-1°	0°	0°		R/L	M09520	M09620
Cuspid	-11°	7°	2° MO		R	M09526	M09626
	-11°	7°	2° MO		L	M09527	M09627
1st Bicuspid	-17°	0°	4° DO	Center	R	M09530	M09630
2nd Bicuspid	-17°	0°	4° DO	Center	L	M09531	M09631
2nd Bicuspid	-22°	0°	4° DO	Center	R	M09534	M09634
	-22°	0°	4° DO	Center	L	M09535	M09635

### Roth Prescription - Kits

Description	.018	.022
Roth Synergy FX® hook on cuspid/bicuspid, 5-5	KM09502	KM09602

## Straight Wire Low Friction Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	17°	3°	0°		R	M04800	M04900
	17°	3°	0°		L	M04801	M04901
Lateral	8°	9°	0°		R	M04802	M04902
	8°	9°	0°		L	M04803	M04903
Cuspid	0°	8°	0°	Center	R	M04806	M04906
	0°	8°	0°	Center	L	M04807	M04907
1st/2nd	-7°	0°	2° DO	Center	R	M04810	M04910
Bicuspid	-7°	0°	2° DO	Center	L	M04811	M04911



## Straight Wire Low Friction Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-1°	0°	0°		R/L	M04820	M04920
Cuspid	0°	0°	0°	Center	R/L	M04826	M04926
1st/2nd	-17°	0°	4° DO	Center	R	M04830	M04930
Bicuspid	-17°	0°	4° DO	Center	L	M04831	M04931

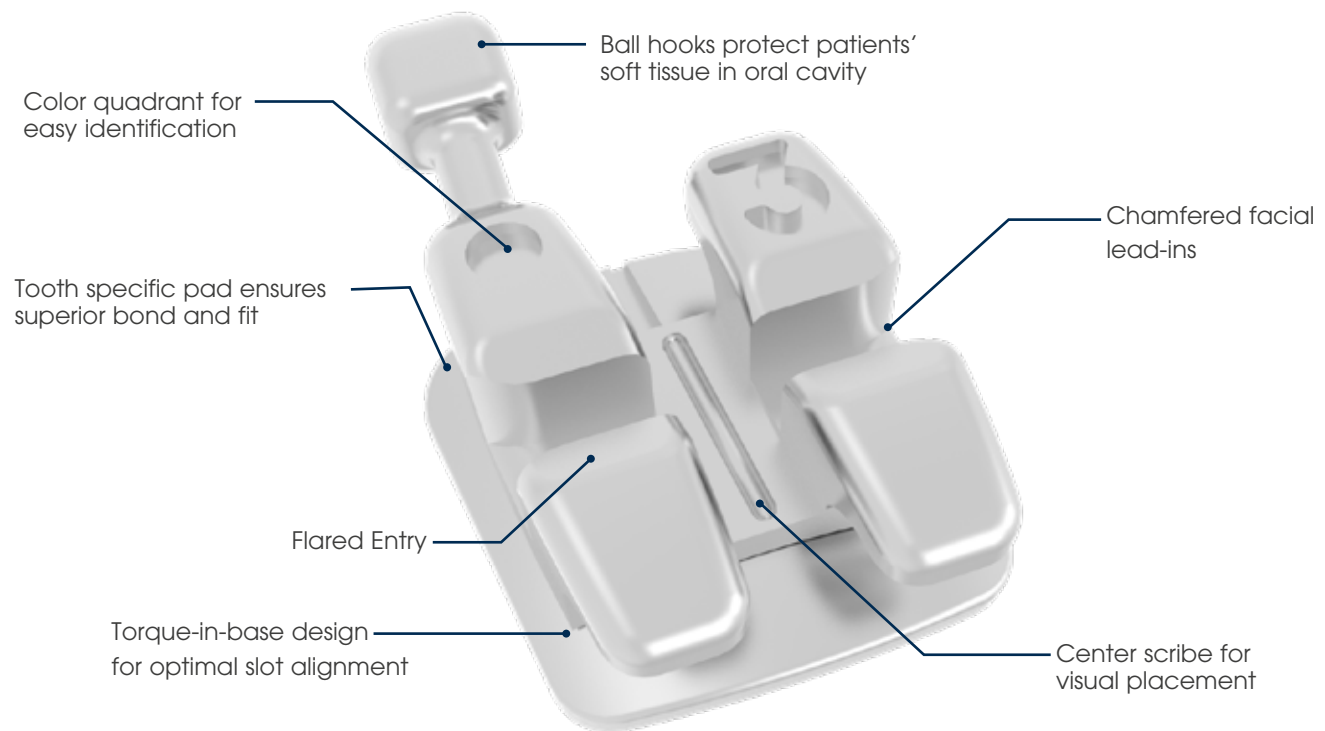


## Straight Wire Low Friction Prescription - Kits

Description	.018	.022
SWLF® Synergy FX® hook on cuspid/bicuspid, 5-5	KM04802	KM04902

## FLI® Twin Brackets

RMO®'s FLI® Twin Brackets offer high quality in true twin design. Smooth, rounded contours assure both gentle aesthetics and enhanced patient comfort. The FLI® Twin bracket system features a color quadrant identification system and tooth specific pads to improve bonding efficiency and reduce chairtime. Chamfered facial lead-ins and a flared entry support quick and easy wire changes.



**MATERIAL:** 316 L Stainless Steel

**BASE:** 316L Stainless Steel 80-gauge Foil-Mesh™ - 80 Gauge

**PRESCRIPTIONS:** Roth, MBT™, & Ricketts® Original Bioprogressive®

**SLOT SIZE:** .018 & .022

### FEATURES

Flared mesial-distal lead-in (FLI) design

Chamfered facial lead-in

Two-piece MIM, 80-Gauge Mesh Pad

Low-profile

Color quadrant & Permanent ID marking

Center scribe

Torque-in-base

### BENEFITS

Minimal wire binding and kinking

Simple wire insertion

Allow easy labial wire insertion

Consistent, strong, predictable bonding

Smooth, comfortable design ideal for all patients

Quick and accurate identification

Offers precise bracket placement

Provides optimal slot alignment and reduces guesswork and chair time

## Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	M05300	M05400
	12°	5°	0°		L	M05301	M05401
Lateral	8°	9°	0°		R	M05302	M05402
	8°	9°	0°		L	M05303	M05403
Cuspid	0°	11°	0°		R	M05304	M05404
	0°	11°	0°		L	M05305	M05405
	0°	11°	0°	Distal	R	M05306	M05406
	0°	11°	0°	Distal	L	M05307	M05407
1st/2nd Bicuspid	-7°	0°	0°		R/L	M05308	M05408
	-7°	0°	0°	Distal	R	M05310	M05410
	-7°	0°	0°	Distal	L	M05311	M05411
Gingival Offset	-7°	0°	0°		R/L	M05350	M05450
	-7°	0°	0°	Distal	R	M05352	M05452
	-7°	0°	0°	Distal	L	M05353	M05453



## Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-1°	2°	0°		R	M05320	M05420
	-1°	2°	0°		L	M05321	M05421
Cuspid	-11°	5°	0°		R	M05324	M05424
	-11°	5°	0°		L	M05325	M05425
	-11°	5°	0°	Distal	R	M05326	M05426
	-11°	5°	0°	Distal	L	M05327	M05427
1st Bicuspid	-17°	0°	0°		R	M05328	M05428
	-17°	0°	0°		L	M05329	M05429
	-17°	0°	0°	Distal	R	M05330	M05430
	-17°	0°	0°	Distal	L	M05331	M05431
Gingival Offset	-17°	0°	0°		R	M05360	M05460
	-17°	0°	0°		L	M05361	M05461
	-17°	0°	0°	Distal	R	M05362	M05462
	-17°	0°	0°	Distal	L	M05363	M05463
2nd Bicuspid	-22°	0°	0°		R	M05332	M05432
	-22°	0°	0°		L	M05333	M05433
	-22°	0°	0°	Distal	R	M05334	M05434
	-22°	0°	0°	Distal	L	M05335	M05435
Gingival Offset	-22°	0°	0°		R	M05364	M05464
	-22°	0°	0°		L	M05365	M05465
	-22°	0°	0°	Distal	R	M05366	M05466
	-22°	0°	0°	Distal	L	M05367	M05467



## Roth Prescription - Kits

Description	.018	.022
Roth FLI® Twin, without hook, 5-5	KM05300	KM05400
Roth FLI® Twin, hook on cuspid, 5-5	KM05301	KM05401
Roth FLI® Twin, hook on cuspid/bicuspid, 5-5	KM05302	KM05402
Roth FLI® Twin, hook on cuspid/gingival offset bicuspid, 5-5	KM05305	KM05405



### MBT Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	17°	4°	0°		R	M05000	M05100
	17°	4°	0°		L	M05001	M05101
Lateral	10°	8°	0°		R	M05002	M05102
	10°	8°	0°		L	M05003	M05103
Cuspid	-7°	8°	0°		R	M05004	M05104
	-7°	8°	0°		L	M05005	M05105
	-7°	8°	0°	Distal	R	M05006	M05106
	-7°	8°	0°	Distal	L	M05007	M05107
1st/2nd Bicuspid	-7°	0°	0°		R/L	M05008	M05108
	-7°	0°	0°	Distal	R	M05010	M05110
	-7°	0°	0°	Distal	L	M05011	M05111
Gingival Offset	-7°	0°	0°		R/L	M05050	M05150
	-7°	0°	0°	Distal	R	M05052	M05152
	-7°	0°	0°	Distal	L	M05053	M05153

### MBT Prescription - Mandibular Brackets



Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-6°	0°	0°		R/L	M05020	M05120
Cuspid	-6°	3°	0°		R	M05024	M05124
	-6°	3°	0°		L	M05025	M05125
	-6°	3°	0°	Distal	R	M05026	M05126
	-6°	3°	0°	Distal	L	M05027	M05127
1st Bicuspid	-12°	2°	0°		R	M05028	M05128
	-12°	2°	0°		L	M05029	M05129
	-12°	2°	0°	Distal	R	M05030	M05130
	-12°	2°	0°	Distal	L	M05031	M05131
Gingival Offset	-12°	2°	0°		R	M05060	M05160
	-12°	2°	0°		L	M05061	M05161
	-12°	2°	0°	Distal	R	M05062	M05162
	-12°	2°	0°	Distal	L	M05063	M05163
2nd Bicuspid	-17°	2°	0°		R	M05032	M05132
	-17°	2°	0°		L	M05033	M05133
	-17°	2°	0°	Distal	R	M05034	M05134
	-17°	2°	0°	Distal	L	M05035	M05135
Gingival Offset	-17°	2°	0°		R	M05064	M05164
	-17°	2°	0°		L	M05065	M05165
	-17°	2°	0°	Distal	R	M05066	M05166
	-17°	2°	0°	Distal	L	M05067	M05167

### MBT Prescription - Kits

Description	.018	.022
MBT FLI® Twin, without hook cuspid / bicuspid, 5-5	KM05000	KM05100
MBT FLI® Twin, with hook cuspid, 5-5	KM05001	KM05101
MBT FLI® Twin, with hook cuspid / bicuspid, 5-5	KM05002	KM05102
MBT FLI® Twin, with hook cuspid, gingival offset bicuspid, 5-5	KM05005	KM05105



## Ricketts® Original Bioprogressive® Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R	M05200
	22°	0°	0°		L	M05201
Lateral	14°	8°	0°		R	M05202
	14°	8°	0°		L	M05203
Cuspid	7°	5°	0°		R	M05204
	7°	5°	0°		L	M05205
	7°	5°	0°	Distal	R	M05206
	7°	5°	0°	Distal	L	M05207
1st/2nd	0°	0°	0°		R/L	M05208
Bicuspid	0°	0°	0°	Distal	R	M05210
	0°	0°	0°	Distal	L	M05211
Gingival Offset	0°	0°	0°		R/L	M05250
	0°	0°	0°	Distal	R	M05252
	0°	0°	0°	Distal	L	M05253



## Ricketts® Original Bioprogressive® Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M05220
Cuspid	7°	5°	0°		R	M05224
	7°	5°	0°		L	M05225
	7°	5°	0°	Distal	R	M05226
	7°	5°	0°	Distal	L	M05227
1st/2nd	0°	0°	0°		R/L	M05208
Bicuspid	0°	0°	0°	Distal	R	M05211
	0°	0°	0°	Distal	L	M05210
Gingival Offset	0°	0°	0°		R/L	M05250
	0°	0°	0°	Distal	R	M05253
	0°	0°	0°	Distal	L	M05252

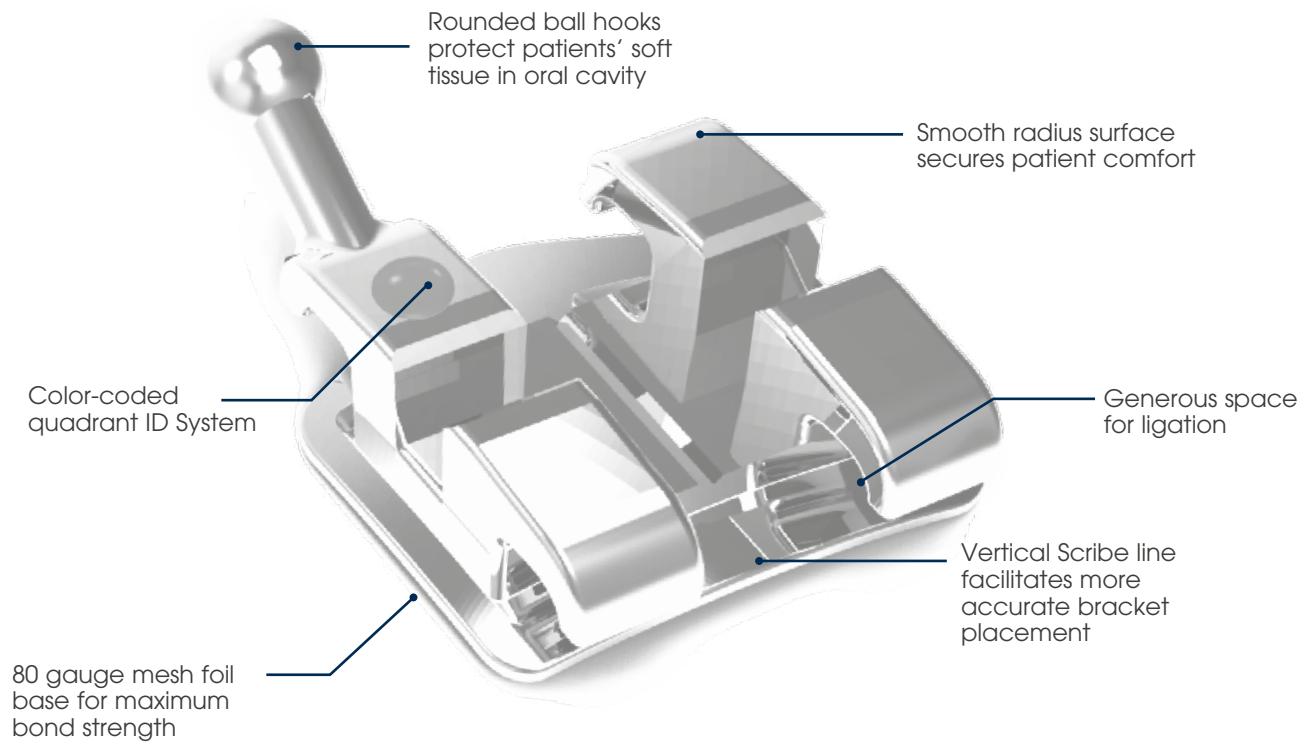


## Ricketts® Original Bioprogressive® Prescription - Kits

Description	.018
Bioprogressive® FLI® Twin, without hook, 5-5	KM05200
Bioprogressive® FLI® Twin, hook on cuspid, 5-5	KM05201
Bioprogressive® FLI® Twin, hook on cuspid/bicuspid, 5-5	KM05202

## Mini Twin Brackets

RMO®'s Mini Twin bracket is a low-profile design that has all the features of a larger bracket in a compact design



**MATERIAL:** 17-4 PH Stainless Steel

**BASE:** 304 Stainless Steel 80-gauge Mesh

**PRESCRIPTIONS:** Roth, MBT, Standard Edgewise & Bioprogressive

**SLOT SIZE:** .018 & .022

### FEATURES

Low profile design

Color quadrant & Permanent ID marking

Center scribe

### BENEFITS

Reduces labial interference

Assures patient comfort

Aesthetically pleasing

Quick and accurate identification

Offers precise bracket placement

### Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	M13300	M13400
	12°	5°	0°		L	M13301	M13401
Lateral	8°	9°	0°		R	M13302	M13402
	8°	9°	0°		L	M13303	M13403
Cuspid	-2°	11°	0°		R	M13304	M13404
	-2°	11°	0°		L	M13305	M13405
	-2°	11°	0°	Distal	R	M13306	M13406
	-2°	11°	0°	Distal	L	M13307	M13407
1st	-7°	0°	0°		R	M13308	M13408
Bicuspid	-7°	0°	0°		L	M13309	M13409
	-7°	0°	0°	Mesial	R	M13310	M13410
	-7°	0°	0°	Mesial	L	M13311	M13411
	-7°	0°	0°				
2nd	-7°	0°	0°		R	M13312	M13412
Bicuspid	-7°	0°	0°		L	M13313	M13413
	-7°	0°	0°	Mesial	R	M13314	M13414
	-7°	0°	0°	Mesial	L	M13315	M13415
	-7°	0°	0°				



### Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	-1°	2°	0°		R	M13320	M13420
	-1°	2°	0°		L	M13321	M13421
Lateral	-1°	2°	0°		R	M13322	M13422
	-1°	2°	0°		L	M13323	M13423
Cuspid	-11°	5°	0°		R	M13324	M13424
	-11°	5°	0°		L	M13325	M13425
	-11°	5°	0°	Distal	R	M13326	M13426
	-11°	5°	0°	Distal	L	M13327	M13427
1st	-17°	0°	0°		R	M13328	M13428
Bicuspid	-17°	0°	0°		L	M13329	M13429
	-17°	0°	0°	Mesial	R	M13330	M13430
	-17°	0°	0°	Mesial	L	M13331	M13431
	-17°	0°	0°				
2nd	-22°	0°	0°		R	M13332	M13432
Bicuspid	-22°	0°	0°		L	M13333	M13433
	-22°	0°	0°	Mesial	R	M13334	M13434
	-22°	0°	0°	Mesial	L	M13335	M13435
	-22°	0°	0°				



### Roth Prescription - Kits

Description	.018	.022
Roth Mini Twin without hook, 5-5	KM13300	KM13400
Roth Mini Twin with hook cuspid, 5-5	KM13301	KM13401
Roth Mini Twin with hook cuspid/bicuspid, 5-5	KM13302	KM13402

**MBT Prescription - Maxillary Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	17°	4°	0°		R	M13000	M13100
	17°	4°	0°		L	M13001	M13101
Lateral	10°	8°	0°		R	M13002	M13102
	10°	8°	0°		L	M13003	M13103
Cuspid	-7°	8°	0°		R	M13004	M13104
	-7°	8°	0°		L	M13005	M13105
	-7°	8°	0°	Distal	R	M13016	M13116
	-7°	8°	0°	Distal	L	M13017	M13117
	0°	0°	0°	Distal	R	M13006	M13106
	0°	0°	0°	Distal	L	M13007	M13107
1st	-7°	0°	0°		R	M13008	M13108
Bicuspid	-7°	0°	0°		L	M13009	M13109
	-7°	0°	0°	Mesial	R	M13010	M13110
	-7°	0°	0°	Mesial	L	M13011	M13111
2nd	-7°	0°	0°		R	M13012	M13112
Bicuspid	-7°	0°	0°		L	M13013	M13113
	-7°	0°	0°	Mesial	R	M13014	M13114
	-7°	0°	0°	Mesial	L	M13015	M13115

**MBT Prescription - Mandibular Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	-6°	0°	0°		R	M13020	M13120
	-6°	0°	0°		L	M13021	M13121
Lateral	-6°	0°	0°		R	M13022	M13122
	-6°	0°	0°		L	M13023	M13123
Cuspid	-6°	3°	0°		R	M13024	M13124
	-6°	3°	0°		L	M13025	M13125
	-6°	3°	0°	Distal	R	M13036	M13136
	-6°	3°	0°	Distal	L	M13037	M13137
	0°	3°	0°	Distal	R	M13026	M13126
	0°	3°	0°	Distal	L	M13027	M13127
1st	-12°	2°	0°		R	M13028	M13128
Bicuspid	-12°	2°	0°		L	M13029	M13129
	-12°	2°	0°	Mesial	R	M13030	M13130
	-12°	2°	0°	Mesial	L	M13031	M13131
2nd	-17°	2°	0°		R	M13032	M13132
Bicuspid	-17°	2°	0°		L	M13033	M13133
	-17°	2°	0°	Mesial		M13034	M13134
	-17°	2°	0°	Mesial		M13035	M13135

**MBT Prescription - Kits**

Description	.018	.022
MBT Mini Twin without hook, 5-5	KM13000	KM13100
MBT Mini Twin with hook cuspid, 0T cuspid, 5-5	KM13001	KM13101
MBT Mini Twin with hook cuspid/bicuspid, 0T cuspid, 5-5	KM13002	KM13102
MBT Mini Twin with hook on cuspid, 5-5	KM13011	KM13111
MBT Mini Twin with hook cuspid/bicuspid, 5-5	KM13012	KM13112

### Standard Edgewise Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	0°	0°	0°		R/L	M13500	M13550
Lateral	0°	0°	0°		R/L	M13502	M13552
Cuspid	0°	0°	0°		R/L	M13504	M13554
	0°	0°	0°	Distal	R	M13506	M13556
	0°	0°	0°	Distal	L	M13507	M13557
1st/2nd	0°	0°	0°		R/L	M13508	M13558
Bicuspid	0°	0°	0°	Mésial	R	M13510	M13560
	0°	0°	0°	Mésial	L	M13511	M13561



### Standard Edgewise Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L	M13520	M13570
Cuspid	0°	0°	0°		R/L	M13504	M13554
	0°	0°	0°	Distal	R	M13507	M13557
	0°	0°	0°	Distal	L	M13506	M13556
1st/2nd	0°	0°	0°		R/L	M13508	M13558
Bicuspid	0°	0°	0°	Mésial	R	M13511	M13561
	0°	0°	0°	Mésial	L	M13510	M13560



### Standard Edgewise Prescription - Kits

Description	.018	.022
Kit Mini Twin 5-5 sans crochet	KM13500	KM13550
Kit Mini Twin 5-5 avec crochets sur 3-4-5	KM13502	KM13552

### Bioprogressive® Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R	M13200
	22°	0°	0°		L	M13201
Lateral	14°	8°	0°		R	M13202
	14°	8°	0°		L	M13203
Cuspid	7°	5°	0°	Distal	R	M13206
	7°	5°	0°	Distal	L	M13207
1st/2nd	0°	0°	0°		R	M13208
Bicuspid	0°	0°	0°		L	M13209
	0°	0°	0°	Distal	R	M13210
	0°	0°	0°	Distal	L	M13211
	0°	0°	0°	Distal	L	M13211



### Bioprogressive® Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R	M13220
	0°	0°	0°		L	M13221
Canines	7°	5°	0°	Distal	R	M13226
	7°	5°	0°	Distal	L	M13227
1st/2nd	0°	0°	0°		R	M13228
Bicuspid	0°	0°	0°		L	M13229
	0°	0°	0°	Distal	R	M13230
	0°	0°	0°	Distal	L	M13231
	0°	0°	0°	Distal	L	M13231

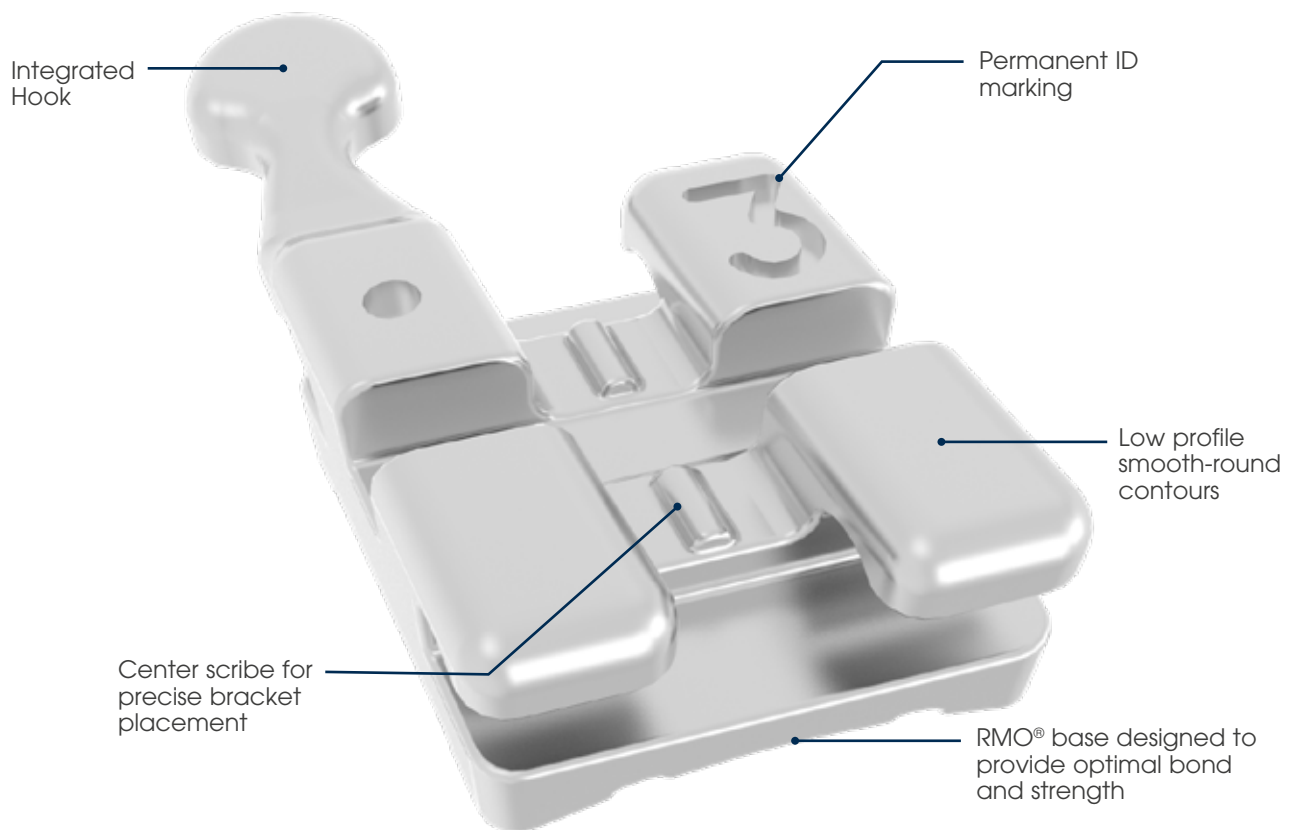


### Bioprogressive® Prescription - Kit

Description	.018
Bioprogressive Mini Twin hook on cuspid/bicuspid, 5-5	KM13202

## INTEGRA™ Brackets

RMO®'s low profile bracket, Integra, has a totally integrated design. The complete bracket, including the base, is molded as one unit and is manufactured using metal injection molding (MIM) giving it great strength in an aesthetically pleasing size.



**MATERIAL:** 316L Stainless Steel

**BASE:** Integrated 1-piece design has a contoured, molded base that matches tooth anatomy.

**PRESCRIPTIONS:** Roth, Ricketts® Original Bioprogressive®

**SLOT SIZE:** .018 & .022

### FEATURES

Low profile design and smooth contours  
One-piece MIM manufactured  
RMO® base molded pattern  
Contoured base  
Permanent ID marking  
Center scribe

### BENEFITS

Assures patient comfort and decreases impingement  
Strong, integrated bracket  
Provides optimal bond  
Matched tooth morphology for maximum contact area and consistent bonding  
Quick and accurate identification  
Offers precise bracket placement



## Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	M09100	M09200
	12°	5°	0°		L	M09101	M09201
Lateral	8°	9°	0°		R	M09102	M09202
	8°	9°	0°		L	M09103	M09203
Cuspid	2°	10°	4° MO		R	M09104	M09204
	2°	10°	4° MO		L	M09105	M09205
	2°	10°	4° MO	Distal	R	M09106	M09206
	2°	10°	4° MO	Distal	L	M09107	M09207
1st/2nd	-7°	0°	2° DO		R	M09108	M09208
Bicuspid	-7°	0°	2° DO		L	M09109	M09209
	-7°	0°	2° DO	Mesial	R	M09110	M09210
	-7°	0°	2° DO	Mesial	L	M09111	M09211



## Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-1°	0°	0°		R/L	M09120	M09220
Cuspid	-11°	7°	2° MO		R	M09122	M09222
	-11°	7°	2° MO		L	M09123	M09223
	-11°	7°	2° MO	Distal	R	M09124	M09224
	-11°	7°	2° MO	Distal	L	M09125	M09225
1st	-17°	0°	4° DO		R	M09126	M09226
Bicuspid	-17°	0°	4° DO		L	M09127	M09227
	-17°	0°	4° DO	Distal	R	M09128	M09228
	-17°	0°	4° DO	Distal	L	M09129	M09229
2nd	-22°	0°	4° DO		R	M09130	M09230
Bicuspid	-22°	0°	4° DO		L	M09131	M09231
	-22°	0°	4° DO	Distal	R	M09132	M09232
	-22°	0°	4° DO	Distal	L	M09133	M09233



## Roth Prescription - Kits

Description	.018	.022
Roth Integra™ without hook, 5-5	KM09100	KM09200
Roth Integra™ hook on cuspid, 5-5	KM09101	KM09201
Roth Integra™ hook on cuspid/bicuspid, 5-5	KM09102	KM09202

**Ricketts® Original Bioprogressive® Prescription - Maxillary Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R	M09300
	22°	0°	0°		L	M09301
Lateral	14°	8°	0°		R	M09302
	14°	8°	0°		L	M09303
Cuspid	7°	5°	0°		R	M09304
	7°	5°	0°		L	M09305
	7°	5°	0°	Distal	R	M09306
	7°	5°	0°	Distal	L	M09307
1st/2nd	0°	0°	0°		R/L	M09308
Bicuspid	0°	0°	0°	Distal	R	M09310
	0°	0°	0°	Distal	L	M09311

**Ricketts® Original Bioprogressive® Prescription - Mandibular Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	M09320
Cuspid	7°	5°	0°		R	M09324
	7°	5°	0°		L	M09325
	7°	5°	0°	Distal	R	M09326
	7°	5°	0°	Distal	L	M09327
1st/2nd	0°	0°	0°		R/L	M09308
Bicuspid	0°	0°	0°	Distal	R	M09311
	0°	0°	0°	Distal	L	M09310

**Ricketts® Original Bioprogressive® Prescription - Kits**

Description	.018
Ricketts® Original Integra™ without hook, 5-5	KM09300
Ricketts® Original Integra™ hook on cuspid, 5-5	KM09301
Ricketts® Original Integra™ hook on cuspid/bicuspid, 5-5	KM09302

## Ricketts® Original Standard Biopressive® Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Size	R/L	Base	.018
Central	22°	0°	0°	Wide	R/L		M06300
Lateral	14°	8°	0°	Medium	R		M06302
	14°	8°	0°	Medium	L		M06303
Cuspid	7°	5°	0°	Medium	R		M06304
	7°	5°	0°	Medium	L		M06305
	7°	0°	0°	Medium	R/L	Weld	A06304
1st/2nd	0°	0°	0°	Medium	R/L		M06308
Bicuspid	0°	0°	0°	Medium	R/L	Weld	A06308
	0°	0°	0°	Wide	R/L	Weld	A06348



## Ricketts® Original Standard Biopressive® Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Size	R/L	Base	.018
Central/ Lateral	0°	0°	0°	Medium	R/L		M06320
Cuspid/ Bicuspid	7°	5°	0°	Medium	R		M06324
	7°	5°	0°	Medium	L		M06325
	7°	0°	0°	Medium	R/L	Weld	A06304
1st/2nd	0°	0°	0°	Medium	R/L		M06328
Bicuspid	0°	0°	0°	Medium	R/L	Weld	A06308
	0°	0°	0°	Wide	R/L	Weld	A06348



## Ricketts® Original Standard Biopressive® Prescription - Kits

Description	.018
Ricketts® Original Standard MIM without hook, 5-5	KM06300



### Perahia Sanchez Prescription - Maxillary/Mandibular Brackets

Tooth	Torque	Angulation	Vertical Slot	Offset	Style	R/L	.018
Central/	0°	0°	.019 x .020	0°		R/L	<b>M01777</b>
Lateral	0°	0°	.019 x .020	0°	Weld	R/L	<b>A01777</b>
Cuspid/	0°	0°	.019 x .020	0°		R/L	<b>M01779</b>
Bicuspid	0°	0°	.019 x .020	0°	Weld	R/L	<b>A01777</b>



### i-TTR Lingual System

The intelligent lingual treatment with torque, tip and rotation (i-TTR) control. The bracket presents two slots for round arches and a rectangular central slot for an auxiliary insert, which permit a progressive modular control of all tooth movement. This can be used for all teeth, including molars.

Description	Package Contains	Order Number
i-TTR Lingual Bracket	10	<b>M00700</b>
i-TTR Lingual Bracket Kit (Double brackets for first and second molars)	36	<b>KM00700</b>

## RMO® Aesthetic Brackets

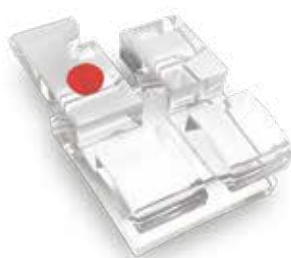
RMO®'s self-ligating brackets are designed to move teeth most efficiently with fewer adjustments, giving doctors and patients the most reliable and predictable results. Low-friction brackets give patient comfortability, while keeping treatment control in mind for the most precise finish. With RMO®'s passive and active options, there's something for every office to keep the individual patient in mind:

**Ascend SL®**, RMO®'s **passive self-ligating** aesthetic brackets, are the solution to low-friction technology that deliver trusted results and treatment efficiency attained by easy door activation and optimal sliding mechanics for effortless wire changes

**Alpine SL® Clear**, RMO®'s **active self-ligating** aesthetic brackets, deliver stellar control and performance. Optimal rotational control is easily achieved with the full slot clip coverage while easy operation allows for faster adjustments.



**Alpine SL® Clear**  
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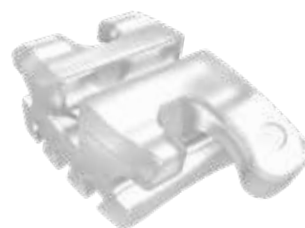
**FLI® Clear M**  
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**FLI® Clear**  
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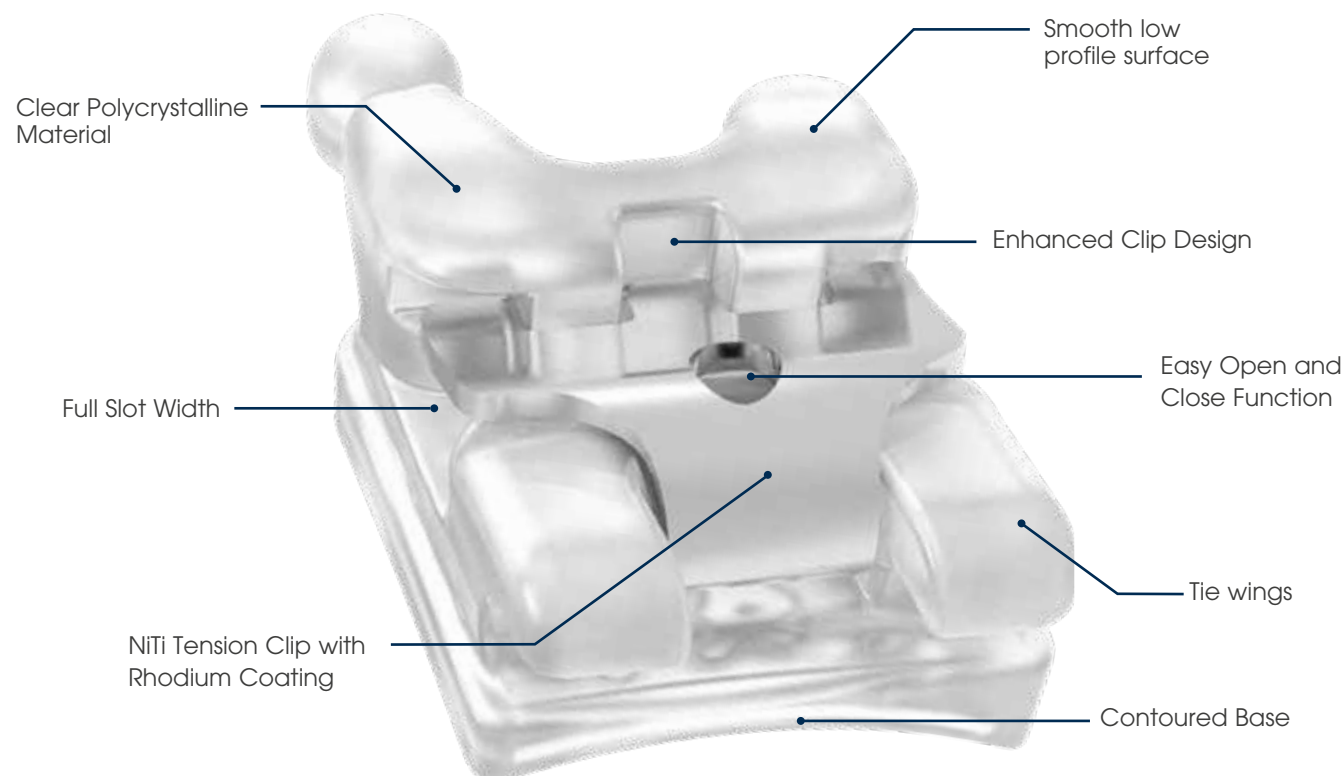
**Signature III**  
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**Alice Composite**  
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## Alpine SL® Clear Brackets

Alpine SL® Clear is the most advanced, transparent self-ligating system. The Nickel Titanium clip allows for easy open and close and requires no special tool to activate.



**BRACKET MATERIAL:** Polycrystalline Alumina Ceramic

**CLIP MATERIAL:** Nickel-Titanium, Rhodium Coated Finish

**PRESCRIPTIONS:** Roth, MBT

**SLOT SIZE:** .022

**BASE:** Mechanical – X Form

FEATURES	BENEFITS
NiTi Spring Clip	Shape memory alloy ensures reliable clip operation and control for entire treatment
Easy Open and Close Function	No special tool is required to open; Closes gingivally with slight pressure using figure on the incisal curve or using instrument
Full Slot Width	Clip offers full slot coverage allowing for optimal rotational control
Smooth Low-Profile Surface	Smooth surface finish offers exceptional patient comfort
Tie Wings	Ample undercuts allow for optional ligation with chains and ties
Ink Mark	Easy bracket identification
Contoured Base	Anatomical tooth fitment and greater tooth control



### Roth Prescription - Maxillary Brackets

MX	Torque	Angulation	Rotation	Hook	R/L	.022
Central	12°	5°	0°		R	<b>Q12400</b>
	12°	5°	0°		L	<b>Q12401</b>
Lateral	8°	9°	0°		R	<b>Q12402</b>
	8°	9°	0°		L	<b>Q12403</b>
Cuspid	0°	11°	4° MO	Distal	R	<b>Q12406</b>
	0°	11°	4° MO	Distal	L	<b>Q12407</b>
1st/2nd	-7°	0°	0°	Distal	R	<b>Q12410</b>
Bicuspid	-7°	0°	0°	Distal	L	<b>Q12411</b>



### Roth Prescription - Mandibular Brackets

MN	Torque	Angulation	Rotation	Hook	R/L	.022
Central/ Lateral	0°	0°	0°		R/L	<b>Q12420</b>
Cuspid	-11°	5°	2° MO	Distal	R	<b>Q12426</b>
	-11°	5°	2° MO	Distal	L	<b>Q12427</b>
1st Bicuspid	-17°	0°	0°	Distal	R	<b>Q12430</b>
	-17°	0°	0°	Distal	L	<b>Q12431</b>
2nd Bicuspid	-22°	0°	0°	Distal	R	<b>Q12434</b>
	-22°	0°	0°	Distal	L	<b>Q12435</b>



### Alpine SL Clear Roth Prescription - Kits

KIT	.022
Kit 5-5 with hook on 3-4-5 (full ceramic bases)	<b>KQ12406</b>



### MBT Prescription - Maxillary Brackets

MX	Torque	Angulation	Rotation	Hook	R/L	.022
Central	17°	4°	0°		R	<b>Q12100</b>
	17°	4°	0°		L	<b>Q12101</b>
Lateral	10°	8°	0°		R	<b>Q12102</b>
	10°	8°	0°		L	<b>Q12103</b>
Cuspid	-7°	8°	0°	Distal	R	<b>Q12106</b>
	-7°	8°	0°	Distal	L	<b>Q12107</b>
1st/2nd Bicuspid	-7°	0°	0°	Distal	R	<b>Q12110</b>
	-7°	0°	0°	Distal	L	<b>Q12111</b>



### MBT Prescription - Mandibular Brackets

MN	Torque	Angulation	Rotation	Hook	R/L	.022
Central/ Lateral	-6°	0°	0°		R/L	<b>Q12120</b>
Cuspid	-6°	3°	0°	Distal	R	<b>Q12126</b>
	-6°	3°	0°	Distal	L	<b>Q12127</b>
1st Bicuspid	-12°	2°	0°	Distal	R	<b>Q12130</b>
	-12°	2°	0°	Distal	L	<b>Q12131</b>
2nd Bicuspid	-17°	2°	0°	Distal	R	<b>Q12134</b>
	-17°	2°	0°	Distal	L	<b>Q12135</b>

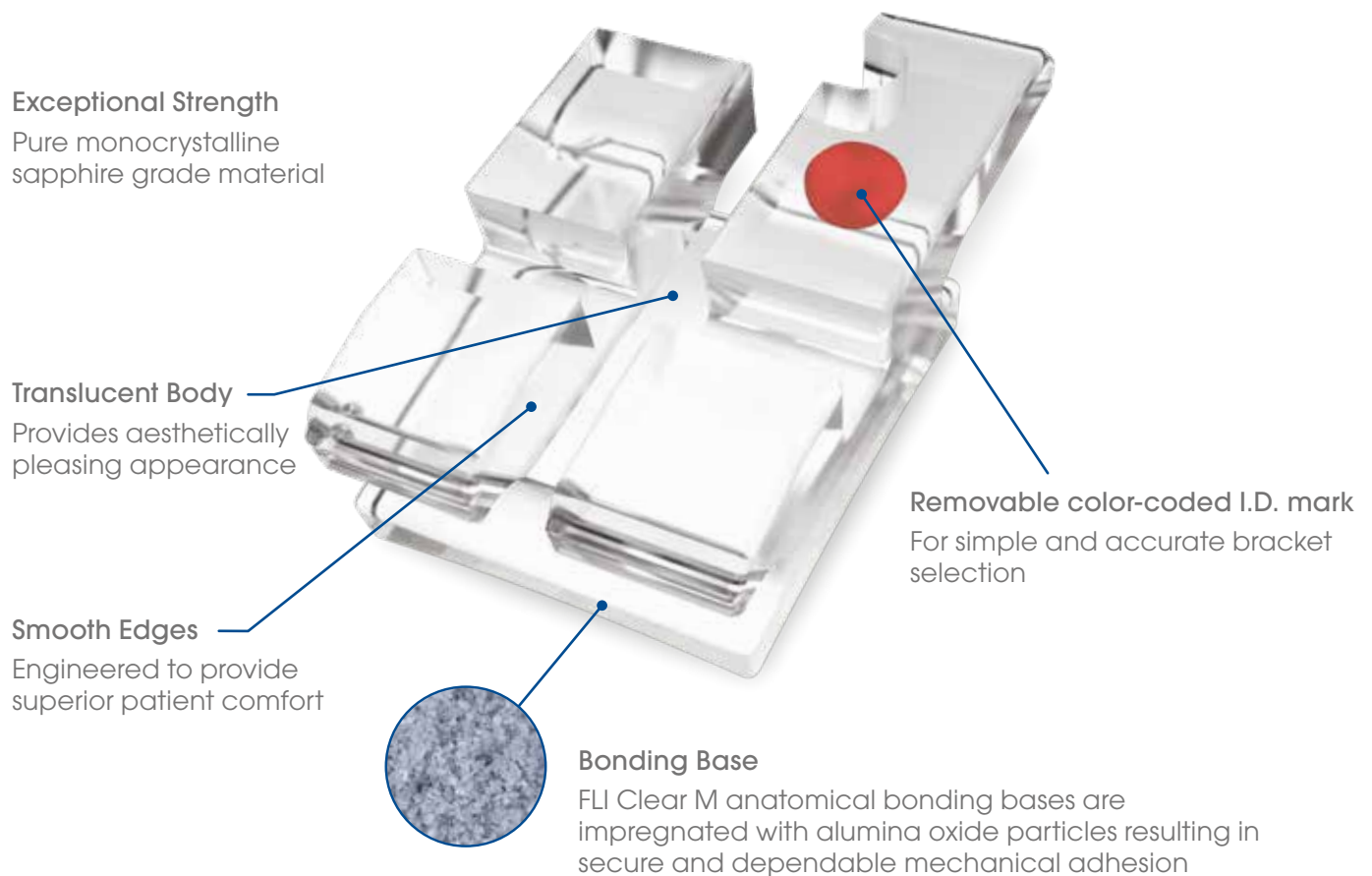
### Alpine SL Clear MBT Prescription - Kits

KIT	.022
Kit 5-5 with hook on 3-4-5	<b>KQ12106</b>

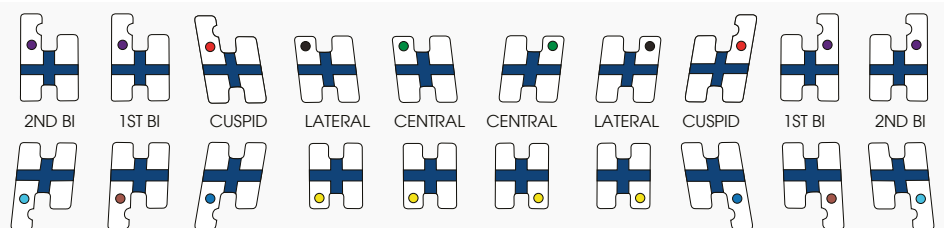
## FLI® Clear M Brackets :

### The Clear Choice in Patient Aesthetics

- FLI Clear M monocrystalline brackets offer exceptional purity and integral strength. Aesthetically attractive and patient friendly with contoured edges and low profile height
- These sapphire grade brackets are outstanding alternatives to conventional metal brackets without compromising performance
- All FLI Clear M brackets incorporate alumina oxide powder coated bonding bases creating reliably strong mechanical adhesion, ensuring endurance yet allowing for safe and predictable debonding



PRESCRIPTIONS: Roth, MBT™  
SLOT SIZE: .018 & .022



### Colored Orientation Guides

Each FLI Clear M Bracket features removable colored orientation guides allowing for accurate placement on the long axis and occlusal plane



### Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	.018		.022	
					Right	Left	Right	Left
Central	11°T	5°	0°		Q27200	Q27201	Q27300	Q27301
Lateral	8°T	9°	0°		Q27202	Q27203	Q27302	Q27303
Cuspid	-2°T	8°	0°	Distal	Q27204	Q27205	Q27304	Q27305
1st/2nd Bicuspid	-7°T	0°	0°		Q27206	Q27207	Q27306	Q27307
	-7°T	0°	0°	Distal	Q27208	Q27209	Q27308	Q27309

### Roth Prescription - Mandibular Brackets



Tooth	Torque	Angulation	Offset	Hook	.018		.022	
					Right	Left	Right	Left
Central/ Lateral	0°T	0°	0°		Q27210		Q27310	
Cuspid	-11°T	7°	0°	Distal	Q27211	Q27212	Q27311	Q27312
1st Bicuspid	-17°T	0°	0°		Q27213	Q27214	Q27313	Q27314
	-17°T	0°	0°	Distal	Q27215	Q27216	Q27315	Q27316
2nd Bicuspid	-22°T	0°	0°		Q27217	Q27218	Q27317	Q27318
	-22°T	0°	0°	Distal	Q27219	Q27220	Q27319	Q27320



### FLI® Clear M Roth Prescription - Kits

Description	.018	.022
FLI CLEAR M ROTH Upper/Lower 5-5 Hooks on 3	KQ27201	KQ27301
FLI CLEAR M ROTH Upper/Lower 5-5 Hooks on 3, 4, 5	KQ27202	KQ27302

## MBT Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	.018		.022	
					Right	Left	Right	Left
Central	17°T	4°	0°		Q27400	Q27401	Q27500	Q27501
Lateral	10°T	8°	0°		Q27402	Q27403	Q27502	Q27503
Cuspid	0°T	8°	0°	Distal	Q27404	Q27405	Q27504	Q27505
1st/2nd Bicuspid	-7°T	0°	0°		Q27406	Q27407	Q27506	Q27507
	-7°T	0°	0°	Distal	Q27408	Q27409	Q27508	Q27509



## MBT Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	.018		.022	
					Right	Left	Right	Left
Central/ Lateral	-6°T	0°	0°		Q27410		Q27510	
Cuspid	0°T	3°	0°	Distal	Q27411	Q27412	Q27511	Q27512
1st Bicuspid	-12°T	0°	0°		Q27413	Q27414	Q27513	Q27514
	-12°T	0°	0°	Distal	Q27415	Q27416	Q27515	Q27516
2nd Bicuspid	-17°T	0°	0°		Q27417	Q27418	Q27517	Q27518
	-17°T	0°	0°	Distal	Q27419	Q27420	Q27519	Q27520



## FLI® Clear M MBT Prescription - Kits

Description	.018	.022
FLI CLEAR M MBT Upper/Lower 5-5 Hooks on 3	KQ27401	KQ27501
FLI CLEAR M MBT Upper/Lower 5-5 Hooks on 3, 4, 5	KQ27402	KQ27502



## FLI® Clear Brackets

FLI® Clear Brackets offer natural aesthetic appeal to patients with the same reliable functionality preferred by doctors.

**Ligation:** Tie wings incorporate undercuts and downdraft for easy and secure ligation

**Finish:** Fully transparent for unmatched aesthetics

**Reduced Friction:** Smooth rounded flared archslot lead-ins for reduced friction

**Finish:** Smooth rounded surface for exceptional patient comfort

**Base:** Patented mushroom style base rails deliver superior mechanical bonding

**Base:** Contoured design provides optimum adaption to tooth surfaces

**MATERIAL:** Polycrystalline Clear Ceramic – 99.9% Pure Alumina Oxide

**PRESCRIPTIONS:** Roth, MBT, & Bioprogressive

**SLOT SIZE:** .018 & .022

FEATURES	BENEFITS
Tie wings with deep undercuts and downdraft	Easy, more secure ligation
Fully transparent	Unmatched aesthetics and true natural appearance
Smooth, polished surfaces	No cloudy appearance as compared to traditional ceramics
Low-profile with rounded contours	Exceptional patient comfort
Smooth, flared archslot	Improved sliding mechanics – less binding Less friction than traditional ceramics
Patented mushroom style base	Superior bond performance and strength Consistent debonding – greater confidence without sacrificing strength
Contoured base design	Optimum adaptation to tooth surfaces
Polycrystalline Ceramic	Unmatched clarity and improved fracture strength



## Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	Q07200	Q07300
	12°	5°	0°		L	Q07201	Q07301
Lateral	8°	9°	0°		R	Q07202	Q07302
	8°	9°	0°		L	Q07203	Q07303
Cuspid	0°	11°	4° MO		R	Q07204	Q07304
	0°	11°	4° MO		L	Q07205	Q07305
	0°	11°	4° MO	Distal	R	Q07206	Q07306
	2°	11°	4° MO	Distal	L	Q07207	Q07307
1st/2nd	-7°	0°	0°		R/L	Q07208	Q07308
Bicuspid	-7°	0°	0°	Center	R/L	Q07210	Q07310



## Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L	Q07220	Q07320
Cuspid	-11°	5°	2° MO		R	Q07224	Q07324
	-11°	5°	2° MO		L	Q07225	Q07325
	-11°	5°	2° MO	Distal	R	Q07226	Q07326
	-11°	5°	2° MO	Distal	L	Q07227	Q07327
1st	-17°	0°	0°		R/L	Q07228	Q07328
Bicuspid	-17°	0°	0°	Center	R/L	Q07230	Q07330
2nd	-22°	0°	0°		R/L	Q07232	Q07332
Bicuspid	-22°	0°	0°	Center	R/L	Q07234	Q07334



## Roth Prescription - Kits

Description	.018	.022
Roth FLI® Clear without hook, 5-5 U/L	KQ07200	KQ07300
Roth FLI® Clear hook on cuspid, 5-5 U/L	KQ07201	KQ07301
Roth FLI® Clear hook on cuspid/bicuspid, 5-5 U/L	KQ07202	KQ07302
Roth FLI® Clear hook on cuspid, 3-3 U	KQ07203	KQ07303
Roth FLI® Clear without hook, 3-3 U/L	KQ07204	
Roth FLI® Clear hook on cuspid, 3-3 U/L	KQ07205	



### MBT Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	17°	4°	0°		R	Q07400	Q07500
	17°	4°	0°		L	Q07401	Q07501
Lateral	10°	8°	0°		R	Q07402	Q07502
	10°	8°	0°		L	Q07403	Q07503
Cuspid	-7°	8°	0°		R	Q07414	Q07514
	-7°	8°	0°		L	Q07415	Q07515
	-7°	8°	0°	Distal	R	Q07416	Q07516
	-7°	8°	0°	Distal	L	Q07417	Q07517
Extraction case	0°	8°	0°	Distal	R	Q07406	Q07506
	0°	8°	0°	Distal	L	Q07407	Q07507
1st/2nd	-7°	0°	0°		R/L	Q07408	Q07508
Bicuspid	-7°	0°	0°	Center	R/L	Q07410	Q07510



### MBT Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-6°	0°	0°		R/L	Q07422	Q07522
Cuspid	-6°	3°	0°		R	Q07436	Q07536
	-6°	3°	0°		L	Q07437	Q07537
	-6°	3°	0°	Distal	R	Q07438	Q07538
	-6°	3°	0°	Distal	L	Q07439	Q07539
Extraction case	0°	3°	0°	Distal	R	Q07426	Q07526
	0°	3°	0°	Distal	L	Q07427	Q07527
1st	-12°	0°	0°		R/L	Q07428	Q07528
Bicuspid	-12°	0°	0°	Center	R/L	Q07430	Q07530
2nd	-17°	0°	0°		R/L	Q07432	Q07532
Bicuspid	-17°	0°	0°	Center	R/L	Q07434	Q07534

### MBT Prescription - Kits

Description	.018	.022
MBT FLI® Clear hook cuspid, 5-5 U/L	KQ07401	KQ07501
MBT FLI® Clear hook cuspid/bicuspid, 5-5 U/L	KQ07402	KQ07502
MBT FLI® Clear hook cuspid, 3-3 U	KQ07403	KQ07503
MBT FLI® Clear hook cuspid, 3-3 U/L		KQ07505

## Ricketts® Original Bioprogressive® Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R/L	<b>Q07600</b>
Lateral	14°	8°	0°		R	<b>Q07602</b>
	14°	8°	0°		L	<b>Q07603</b>
Cuspid	7°	5°	0°		R	<b>Q07604</b>
	7°	5°	0°		L	<b>Q07605</b>
	7°	5°	0°	Distal	R	<b>Q07606</b>
	7°	5°	0°	Distal	L	<b>Q07607</b>
1st/2nd Bicuspid	0°	0°	0°	Center	R/L	<b>Q07610</b>



## Ricketts® Original Bioprogressive® Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	<b>Q07620</b>
Cuspid	7°	5°	0°		R	<b>Q07624</b>
	7°	5°	0°		L	<b>Q07625</b>
	7°	5°	0°	Distal	R	<b>Q07626</b>
	7°	5°	0°	Distal	L	<b>Q07627</b>
1st/2nd Bicuspid	0°	0°	0°	Center	R/L	<b>Q07610</b>

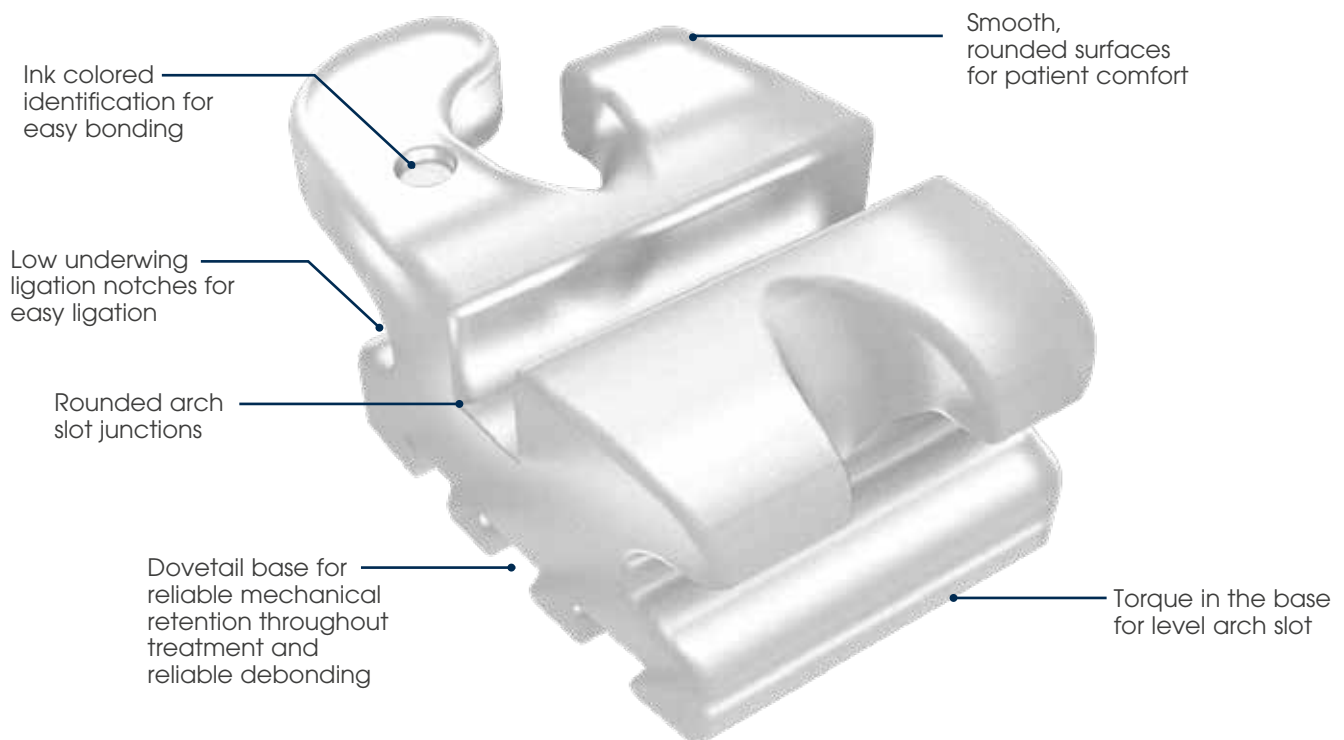


## Ricketts® Original Bioprogressive® Prescription - Kits

Description	.018
Ricketts® Bioprogressive® FLI® Clear hook on cuspid/bicuspid, 5-5 U/L	<b>KQ07602</b>
Ricketts® Bioprogressive® FLI® Clear hook on cuspid, 3-3 U	<b>KQ07603</b>

## Signature III Brackets

The Signature III bracket line is an aesthetic ceramic twin bracket which combines a dovetail base for reliable bonding with unique rounded features at the slot wall junctions for decreased internal bracket stresses and increased strength. This combination eliminates the common causes of failure among most ceramic brackets on the market today.



**MATERIAL:** Extruded Polycrystalline Alumina (ceramic)

**PRESCRIPTIONS:** Roth, MBT, Ricketts Bioprogressive, RMO Bioprogressive, & Standard Edgewise

**SLOT SIZE:** .018 & .022

### FEATURES

Rounded junctions in arch slot

Dovetail base design

Smooth, rounded surfaces

Torque-in-base

Color quadrant marking

### BENEFITS

Eliminates stress points on slot; designed for strength with ceramic aesthetics

Reliable mechanical bond

Consistent retention

Simplified debonding

Patient comfort

Provides optimal slot alignment and reduces both guesswork and chair time

Quick and accurate identification

## Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	Q03010	Q03030
	12°	5°	0°		L	Q03011	Q03031
Lateral	8°	9°	0°		R	Q03012	Q03032
	8°	9°	0°		L	Q03013	Q03033
Cuspid	0°	11°	4° MO		R	Q03018	Q03038
	0°	11°	4° MO		L	Q03017	Q03037
	0°	11°	4° MO	Distal	R	Q03014	Q03034
	0°	11°	4° MO	Distal	L	Q03015	Q03035
1st/2nd	-7°	0°	0°		R/L	Q03019	Q03039
Bicuspid	-7°	0°	0°	Center	R/L	Q03016	Q03036



## Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L	Q03029	Q03049
Cuspid	-11°	5°	2° MO		R	Q03025	Q03045
	-11°	5°	2° MO		L	Q03026	Q03046
	-11°	5°	2° MO	Distal	R	Q03021	Q03041
	-11°	5°	2° MO	Distal	L	Q03022	Q03042
1st	-17°	0°	0°		R/L	Q03027	Q03047
Bicuspid	-17°	0°	0°	Center	R/L	Q03023	Q03043
2nd	-22°	0°	0°		R/L	Q03028	Q03048
Bicuspid	-22°	0°	0°	Center	R/L	Q03024	Q03044



## Roth Prescription - Kits

Description	.018	.022
Roth Signature III hook on cuspid, 3-3 U	KQ03013	KQ03033
Roth Signature III without hook, 3-3 U/L	KQ03020	KQ03040
Roth Signature III hook on cuspid, 3-3 U/L	KQ03022	KQ03042
Roth Signature III without hook, 5-5 U/L	KQ03024	KQ03044
Roth Signature III hook on cuspid, 5-5 U/L	KQ03025	KQ03045
Roth Signature III hook on cuspid/bicuspid, 5-5 U/L	KQ03026	KQ03046



### MBT Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	17°	4°	0°		R	Q03200	Q03300
	17°	4°	0°		L	Q03201	Q03301
Lateral	10°	8°	0°		R	Q03202	Q03302
	10°	8°	0°		L	Q03203	Q03303
Cuspid	-7°	8°	0°	Distal	R	Q03216	Q03316
	-7°	8°	0°	Distal	L	Q03217	Q03317
Extraction cases	0°	8°	0°	Distal	R	Q03206	Q03306
	0°	8°	0°	Distal	L	Q03207	Q03307
1st/2nd Bicuspid	-7°	0°	0°	Center	R/L	Q03210	Q03310



### MBT Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	-6°	0°	0°		R/L	Q03220	Q03320
Cuspid	-6°	3°	0°	Distal	R	Q03236	Q03336
	-6°	3°	0°	Distal	L	Q03237	Q03337
Extraction cases	0°	3°	0°	Distal	R	Q03226	Q03326
	0°	3°	0°	Distal	L	Q03227	Q03327
1st	-12°	2°	0°	Center	R	Q03230	Q03330
Bicuspid	-12°	2°	0°	Center	L	Q03231	Q03331
2nd	-17°	2°	0°	Center	R	Q03234	Q03334
Bicuspid	-17°	2°	0°	Center	L	Q03235	Q03335

### MBT Prescription - Kits

Description	.018	.022
MBT Signature III -6°T cuspid, hook on cuspid/bicuspid, 5-5	KQ03202	KQ03302
Extraction Case	.018	.022
MBT Signature III 0°T cuspid, hook on cuspid/bicuspid, 5-5		KQ03305



## Ricketts® Original Bioprogressive® Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R/L	Q08000
Lateral	14°	9°	0°		R	Q08002
	14°	9°	0°		L	Q08003
Cuspid	7°	5°	0°	Distal	R	Q08006
	7°	5°	0°	Distal	L	Q08007
1st/2nd Bicuspid	0°	0°	0°	Center	R/L	Q08020



## Ricketts® Original Bioprogressive® Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	Q08022
Cuspid	7°	5°	0°	Distal	R	Q08014
	7°	5°	0°	Distal	L	Q08015
1st/2nd Bicuspid	0°	0°	0°	Center	R/L	Q08020



## Ricketts® Original Bioprogressive® Prescription - Kits

Description	.018
Ricketts® Original Bioprogressive®, hook on cuspid, 3-3 U/L	KQ08003
Ricketts® Original Bioprogressive®, hook on cuspid/bicuspid, 5-5 U/L	KQ08002

**RMO® Bioprogressive® Prescription - Maxillary Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central	22°	0°	0°		R/L	<b>Q08100</b>
Lateral	14°	9°	0°		R	<b>Q08102</b>
	14°	9°	0°		L	<b>Q08103</b>
Cuspid	7°	5°	0°		R	<b>Q08104</b>
	7°	5°	0°		L	<b>Q08105</b>
	7°	5°	0°	Distal	R	<b>Q08106</b>
	7°	5°	0°	Distal	L	<b>Q08107</b>
1st/2nd Bicuspid	-7°	0°	0°	Center	R/L	<b>Q08108</b>

**RMO® Bioprogressive® Prescription - Mandibular Brackets**

Tooth	Torque	Angulation	Offset	Hook	R/L	.018
Central/ Lateral	0°	0°	0°		R/L	<b>Q08120</b>
Cuspid	7°	5°	0°		R	<b>Q08112</b>
	7°	5°	0°		L	<b>Q08113</b>
	7°	5°	0°	Distal	R	<b>Q08114</b>
	7°	5°	0°	Distal	L	<b>Q08115</b>
1st Bicuspid	-17°	0°	0°	Center	R/L	<b>Q08116</b>
2nd Bicuspid	-22°	0°	0°	Center	R/L	<b>Q08118</b>

**RMO® Bioprogressive® Prescription - Kits**

Description	.018
RMO® Bioprogressive® Signature III hook on cuspid/bicuspid, 5-5 U/L	<b>KQ08103</b>

### Standard Edgewise Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	0°	0°	0°		R/L	Q09000	Q09020
Lateral	0°	0°	0°		R/L	Q09002	Q09022
Cuspid	0°	0°	0°		R/L	Q09004	Q09024
1st/2nd	0°	0°	0°		R/L	Q09006	Q09026
Bicuspid							



### Standard Edgewise Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L	Q09008	Q09028
Cuspid	0°	0°	0°		R/L	Q09004	Q09024
1st/2nd	0°	0°	0°		R/L	Q09006	Q09026
Bicuspid							

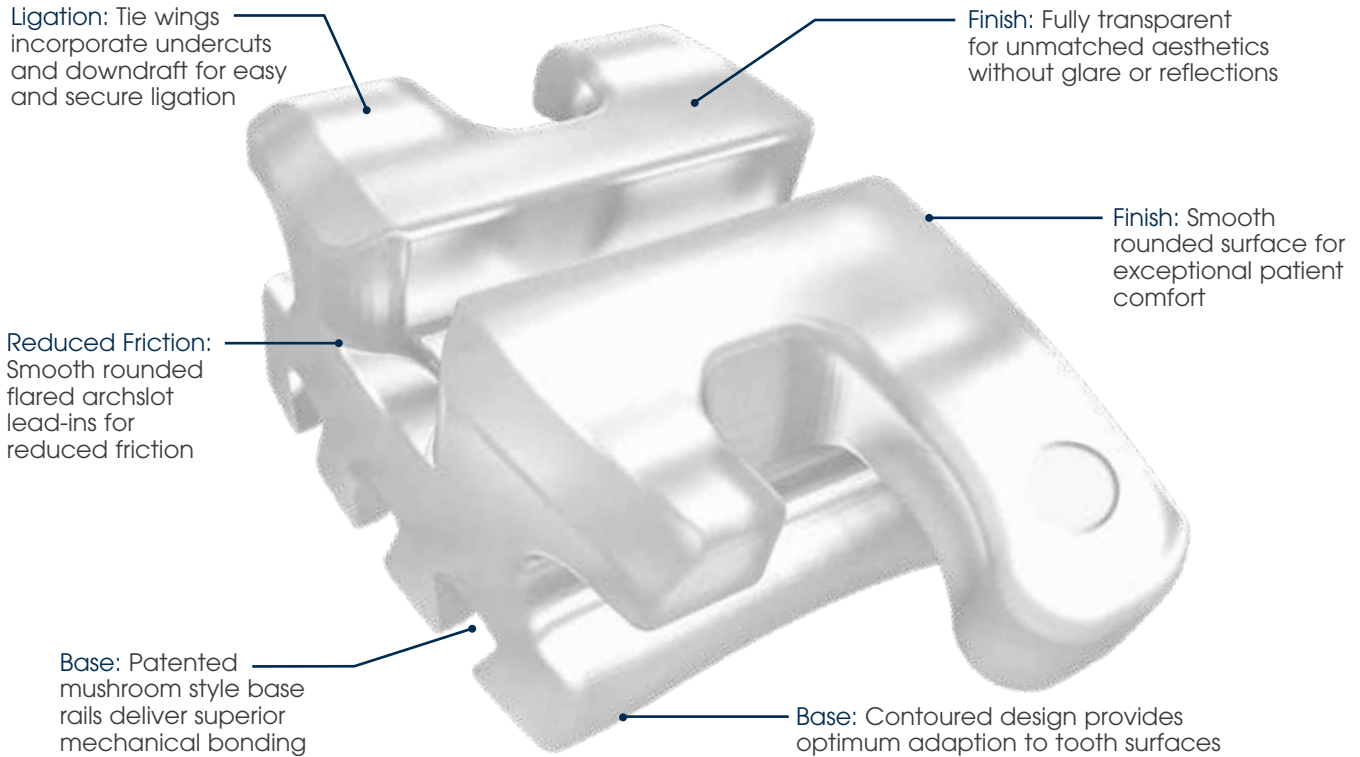


### Standard Edgewise Prescription - Kits

Description	.018	.022
Standard Edgewise Signature III 3-3 U		
Standard Edgewise Signature III 3-3 U/L		KQ09060
Standard Edgewise Signature III 5-5 U/L	KQ09042	KQ09062

## Alice Composite Brackets

Alice Composite Brackets offer an economical aesthetic twin option in a high-strength one-piece polyurethane.



**MATERIAL:** Medical Grade Polyurethane Composite

**PRESCRIPTIONS:** Roth, Standard Edgewise, Bioprogressive

**SLOT SIZE:** .018 & .022

FEATURES	BENEFITS
Tie wings with deep undercuts and downdraft	Easy, more secure ligation
Fully transparent	Unmatched aesthetics and true natural appearance
High strength polyurethane	Improved ductility and fracture resistance under tensile stresses
Smooth, polished surfaces	No cloudy appearance as compared to traditional ceramics
Low profile with rounded contours	Exceptional patient comfort
Smooth, flared archslot	Improved sliding mechanics – less binding
	Reduced friction over traditional ceramics
Patented mushroom-style base	Superior bond performance and strength
	Consistent debonding – greater confidence without sacrificing strength
Contoured base design	Optimum adaptation to tooth surfaces
Micro-etched base	Added bond strength from surface undercuts to grip adhesive
	No plastic primers needed for bonding

### Roth Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	12°	5°	0°		R	C01000	C01100
	12°	5°	0°		L	C01001	C01101
Lateral	8°	9°	0°		R	C01002	C01102
	8°	9°	0°		L	C01003	C01103
Cuspid	0°	11°	4° MO		R	C01004	C01104
	0°	11°	4° MO		L	C01005	C01105
	0°	11°	4° MO	Distal	R	C01006	C01106
	0°	11°	4° MO	Distal	L	C01007	C01107
1st/2nd	-7°	0°	0°		R/L	C01008	C01108
Bicuspid	-7°	0°	0°	Center	R/L	C01010	C01110



### Roth Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L	C01022	C01122
Cuspid	-11°	5°	2° MO		R	C01024	C01124
	-11°	5°	2° MO		L	C01025	C01125
	-11°	5°	2° MO	Distal	R	C01026	C01126
	-11°	5°	2° MO	Distal	L	C01027	C01127
1st Bicuspid	-17°	0°	0°		R/L	C01028	C01128
	-17°	0°	0°	Center	R/L	C01030	C01130
2nd Bicuspid	-22°	0°	0°		R/L	C01032	C01132
	-22°	0°	0°	Center	R/L	C01034	C01134



### Roth Prescription - Kits

Description	.018	.022
Roth Alice Composite without hook, 5-5 U/L	KC01000	KC01100
Roth Alice Composite hook cuspid, 5-5 U/L	KC01001	KC01101
Roth Alice Composite hook cuspid/bicuspid, 5-5 U/L	KC01002	KC01102
Roth Alice Composite without hook cuspid, 3-3 U/L	KC01010	KC01110
Roth Alice Composite hook cuspid, 3-3 U/L	KC01011	KC01111
Roth Alice Composite hook cuspid, 3-3 U	KC01012	KC01112



### Standard Edgewise Prescription - Maxillary Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central	0°	0°	0°		R/L	C02000	C02020
Lateral	0°	0°	0°		R/L	C02002	C02022
Cuspid	0°	0°	0°		R/L	C02004	C02024
1st/2nd Bicuspid	0°	0°	0°		R/L	C02006	C02026



### Standard Edgewise Prescription - Mandibular Brackets

Tooth	Torque	Angulation	Offset	Hook	R/L	.018	.022
Central/ Lateral	0°	0°	0°		R/L	C02008	C02028
Cuspid	0°	0°	0°		R/L	C02004	C02024
1st/2nd Bicuspid	0°	0°	0°		R/L	C02006	C02026

### Standard Edgewise Prescription - Kits

Description	.018	.022
Roth Alice Composite 3-3 U/L		KC02030



## Single Case Organizers

Description	Package Contains	Order Number
Single Case Organizers	25	J00099



J00099

## Band and Bracket Trays (Stackable)

Description	Package Contains	Order Number
Basic drawer	1	ECJ0750
Additional drawer	1	ECJ0751
Band tray (insert)	1	ECJ0752
Bracket tray (insert)	1	ECJ0753





# 07

## TUBES & ACCESSORIES

FLI® Series Buccal Tubes deliver superior performance in an extremely small package. With Metal-Injection-Molded (MIM) construction for smooth comfortable contours, the ultralow profile design features enhanced mesial openings that make wire insertion a snap. Combined with RMO®'s anatomical bases, the FLI® Series is ideal for both direct bond and molar band applications.

The FLI® system of buccal tubes has been expanded. An increased number of choices for torque in both maxillary and mandibular tubes are available. There are also Mini 2nd molar tubes that are very popular due to their small size and large, flared lead-in design.

## CONTENTS

**128** 1<sup>st</sup> Molar Maxillary Tubes

**143** 1<sup>st</sup> Molar Self Ligating Maxillary Tubes

**152** 1<sup>st</sup> Molar Mandibular Tubes






**154** 1<sup>st</sup> Molar Self Ligating Mandibular Tubes

**160** 2<sup>nd</sup> Molar Maxillary Tubes

**164** 2<sup>nd</sup> Molar Mandibular Tubes






**168** Accessories

## 1st Molar - Maxillary Single Tubes

	Description	Style	Hook	R/L	.018	.022
	Standard Edgewise, distal extension long flange	Weld		R/L	A00952	A00953
	Standard Edgewise, distal extension long flange	Weld	Mesial	UR/LL	A00954	A00955
	Standard Edgewise, distal extension long flange	Weld	Mesial	UL/LR	A00956	A00957
	Standard Edgewise, distal extension long flange	Bond	Mesial	UR/LL	A08006	A08016
	Standard Edgewise, distal extension long flange	Bond	Mesial	UL/UR	A08007	A08017
 FLI	FLI® Standard Edgewise	Weld	Mesial	R	A06770	A06774
	FLI® Standard Edgewise	Weld	Mesial	L	A06771	A06775
	FLI® Standard Edgewise	Bond	Mesial	R	A08770	A08774
	FLI® Standard Edgewise	Bond	Mesial	L	A08771	A08775
 FLI	FLI® Tube	Weld	Mesial	R	A06730	A06734
	FLI® Tube	Weld	Mesial	L	A06731	A06735
	FLI® Tube	Bond	Mesial	R	A08730	A08734
	FLI® Tube	Bond	Mesial	L	A08731	A08735
	Andrews, convertible	Weld	Mesial	R	A06112	A06152
	Andrews, convertible	Weld	Mesial	L	A06113	A06153
	Andrews, convertible	Bond	Mesial	R	A08412	A08452
	Andrews, convertible	Bond	Mesial	L	A08413	A08453
 FLI	FLI® One Piece	Bond	Mesial	R	A18750	A18754
	FLI® One Piece	Bond	Mesial	L	A18751	A18755

RMO®








## 1st Molar - Maxillary Single Tubes

	Description	Style	Hook	R/L	.018	.022
	Bench Bioprogressive®, convertible	Weld	Mesial	R	A01194	A01294
	Bench Bioprogressive®, convertible	Weld	Mesial	L	A01195	A01295
	Bench Bioprogressive®, convertible	Bond	Mesial	R	A08294	A08494
	Bench Bioprogressive®, convertible	Bond	Mesial	L	A08295	A08495
	Roth, convertible	Weld	Mesial	R	A05664	A05692
	Roth, convertible	Weld	Mesial	L	A05665	A05693
	Roth, convertible	Bond	Mesial	R	A08634	A08636
	Roth, convertible	Bond	Mesial	L	A08635	A08637
	FLI® MBT	Weld	Mesial	R	A05422	A05522
	FLI® MBT	Weld	Mesial	L	A05423	A05523
	FLI® MBT	Bond	Mesial	R	A08562	A08566
	FLI® MBT	Bond	Mesial	L	A08563	A08567
	FLI® Roth	Weld	Mesial	R	A05600	A05602
	FLI® Roth	Weld	Mesial	L	A05601	A05603
	FLI® Roth	Bond	Mesial	R	A08200	A08202
	FLI® Roth	Bond	Mesial	L	A08201	A08203
	Self Ligating	Bond	Mesial	R	A08840	A08850
	Self Ligating	Bond	Mesial	L	A08841	A08851
	Self Ligating	Bond	Mesial	R	A08842	A08852
	Self Ligating	Bond	Mesial	L	A08843	A08853



Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-10°	0°	15° D							
-10°	0°	15° D							
-10°	0°	15° D							
-10°	0°	15° D							
-10°	0°	15° D							
-10°	0°	15° D							
-10°	0°	15° D							
-10°	0°	15° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	14° D							
-14°	0°	14° D							
-14°	0°	14° D							
-14°	0°	14° D							
-10°	0°	10° D							
-10°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							

## 1st Molar - Maxillary Double Tubes

	Description	Style	Hook	R/L	.018	.022
	Standard Edgewise, without distal extension	Weld		R/L		A00283
	Standard Edgewise, without distal extension	Bond		R/L		A08015
	Standard Edgewise, without distal extension	Weld	M/D	R/L		A00929
	Standard Edgewise, with distal extension	Weld		R	A00958	A00960
	Standard Edgewise, with distal extension	Weld		L	A00962	A00964
	Standard Edgewise, with distal extension	Weld	Mesial	R	A00966	A00968
	Standard Edgewise, with distal extension	Weld	Mesial	L	A00970	A00972
	Standard Edgewise, convertible	Weld	Mesial	R	A04630	A04632
	Standard Edgewise, convertible	Weld	Mesial	L	A04631	A04633
	Standard Edgewise, convertible	Bond	Mesial	R	A08030	A08032
	Standard Edgewise, convertible	Bond	Mesial	L	A08031	A08033
	Wilson®, convertible	Weld	Mesial	R	A04360	A04362
	Wilson®, convertible	Weld	Mesial	L	A04361	A04363
	Combination Maxillary/Mandibular	Weld	Mesial	UL/LR	A06012	
	Combination Maxillary/Mandibular	Weld	Mesial	UR/LL	A06013	
	Combination Maxillary/Mandibular	Bond	Mesial	UL/LR	A08302	
	Combination Maxillary/Mandibular	Bond	Mesial	UR/LL	A08303	
	Combination Maxillary/Mandibular	Weld		R/L	A06014	
	Combination Maxillary/Mandibular	Bond		R/L	A08304	

Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
0°	0°	0°				0°	0°	Occlusal	.051
0°	0°	0°				0°	0°	Occlusal	.051
0°	0°	0°				0°	0°	Occlusal	.051
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	0°				0°	0°	Occlusal	.045
0°	0°	6° D				0°	6° D	Gingival	.045
0°	0°	6° D				0°	6° D	Gingival	.045
0°	0°	0°				0°	0°	Gingival	.040
0°	0°	0°				0°	0°	Gingival	.040
0°	0°	0°				0°	0°	Gingival	.040
0°	0°	0°				0°	0°	Gingival	.040
0°	0°	0°				0°	0°	Gingival	.040
0°	0°	0°				0°	0°	Gingival	.040

## 1st Molar - Maxillary Double Tubes

	Description	Style	Hook	R/L	.018	.022
	Andrews, convertible	Weld	Mesial	R	A06102	A06142
	Andrews, convertible	Weld	Mesial	L	A06103	A06143
	Andrews, convertible	Bond	Mesial	R	A08402	
	Andrews, convertible	Bond	Mesial	L	A08403	
	MBT	Bond	Mesial	R		A08512
	MBT	Bond	Mesial	L		A08513
	Andrews, convertible	Weld	Mesial	R	A06106	A06146
	Andrews, convertible	Weld	Mesial	L	A06107	A06147
	Andrews, convertible	Bond	Mesial	R	A08406	
	Andrews, convertible	Bond	Mesial	L	A08407	
	Andrews, convertible not preangled	Weld	Mesial	R	A06104	A06144
	Andrews, convertible not preangled	Weld	Mesial	L	A06105	A06145
	Andrews, convertible not preangled	Bond	Mesial	R	A08404	
	Andrews, convertible not preangled	Bond	Mesial	L	A08405	
	Andrews, convertible not preangled	Weld	Mesial	R	A06100	A06140
	Andrews, convertible not preangled	Weld	Mesial	L	A06101	A06141
	Andrews, convertible not preangled	Bond	Mesial	R	A08400	
	Andrews, convertible not preangled	Bond	Mesial	L	A08401	
	Tip Edge	Weld	Mesial	R		A06080
	Tip Edge	Weld	Mesial	L		A06081
	Bench Bioprogressive®, convertible	Weld	Mesial	R	A01178	A01180
	Bench Bioprogressive®, convertible	Weld	Mesial	L	A01179	A01181
	Bench Bioprogressive®, convertible	Bond	Mesial	R	A08078	A08080
	Bench Bioprogressive®, convertible	Bond	Mesial	L	A08079	A08081
	Alexander, convertible	Weld	Mesial	R	A04380	A04390
	Alexander, convertible	Weld	Mesial	L	A04381	A04391
	Alexander, convertible	Bond	Mesial	R	A08180	A08190
	Alexander, convertible	Bond	Mesial	L	A08181	A08191

Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-9°	0°	10° D				0°	0°	Gingival	.045
-9°	0°	10° D				0°	0°	Gingival	.045
-9°	0°	10° D				0°	0°	Gingival	.045
-9°	0°	10° D				0°	0°	Gingival	.045
-9°	0°	10° D				0°	0°	Gingival	.045
-9°	0°	10° D				0°	0°	Gingival	.045
-9°	0°	10° D				0°	0°	Occlusal	.045
-9°	0°	10° D				0°	0°	Occlusal	.045
-9°	0°	10° D				0°	0°	Occlusal	.045
-9°	0°	10° D				0°	0°	Occlusal	.045
-9°	5°	10° D				0°	0°	Occlusal	.045
-9°	5°	10° D				0°	0°	Occlusal	.045
-9°	0°	10° D				5°	0°	Occlusal	.045
-9°	0°	10° D				5°	0°	Occlusal	.045
-9°	5°	10° D				5°	0°	Gingival	.045
-9°	5°	10° D				5°	0°	Gingival	.045
-9°	0°	10° D				5°	0°	Gingival	.045
-9°	0°	10° D				5°	0°	Gingival	.045
-10°	0°	6° D				0°	6° D	Gingival	.036
-10°	0°	6° D				0°	6° D	Gingival	.036
-10°	0°	15° D	0°	0°	0°				
-10°	0°	15° D	0°	0°	0°				
-10°	0°	15° D	0°	0°	0°				
-10°	0°	15° D	0°	0°	0°				
-10°	0°	15° D				0°	0°	Occlusal	.045
-10°	0°	15° D				0°	0°	Occlusal	.045
-10°	0°	15° D				0°	0°	Occlusal	.045
-10°	0°	15° D				0°	0°	Occlusal	.045

## 1st Molar - Maxillary Double Tubes



Description	Style	Hook	R/L	.018	.022
FLI® Roth	Weld	Mesial	R	A05616	A05618
FLI® Roth	Weld	Mesial	L	A05617	A05619
FLI® Roth	Bond	Mesial	R	A08216	A08218
FLI® Roth	Bond	Mesial	L	A08217	A08219
MBT	Bond	Mesial	R		A08508
MBT	Bond	Mesial	L		A08509
Roth, convertible	Weld	Mesial	R	A05650	A05670
Roth, convertible	Weld	Mesial	L	A05651	A05671
Roth, convertible	Bond	Mesial	R	A08600	A08620
Roth, convertible	Bond	Mesial	L	A08601	A08621
Roth, convertible	Weld	Mesial	R	A05652	A05672
Roth, convertible	Weld	Mesial	L	A05653	A05673
Roth, convertible	Bond	Mesial	R	A08602	A08622
Roth, convertible	Bond	Mesial	L	A08603	A08623
Roth, convertible	Weld	Mesial	R	A05684	A05686
Roth, convertible	Weld	Mesial	L	A05685	A05687
Roth, convertible	Bond	Mesial	R	A08684	A08686
Roth, convertible	Bond	Mesial	L	A08685	A08687
Roth, without cap	Weld	Mesial	R	A05688	A05690
Roth, without cap	Weld	Mesial	L	A05689	A05691
Roth, without cap	Bond	Mesial	R	A08688	A08690
Roth, without cap	Bond	Mesial	L	A08689	A08691



Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-14°	0°	-14° D	-14°	0°	-14° D				
-14°	0°	-14° D	-14°	0°	-14° D				
-14°	0°	-14° D	-14°	0°	-14° D				
-14°	0°	-14° D	-14°	0°	-14° D				
-14°	0°	14° D				0° D	14° D	Gingival	.045
-14°	0°	14° D				0° D	14° D	Gingival	.045
-14°	0°	14° D				0° D	14° D	Gingival	.045
-14°	0°	14° D				0° D	14° D	Gingival	.045
-14°	0°	14° D				0° D	14° D	Gingival	.045
-14°	0°	14° D				0° D	14° D	Gingival	.045
-14°	0°	14° D				0° D	14° D	Occlusal	.045
-14°	0°	14° D				0° D	14° D	Occlusal	.045
-14°	0°	14° D				0° D	14° D	Occlusal	.045
-14°	0°	14° D				0° D	14° D	Occlusal	.045
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				
-14°	0°	14° D	-14°	0°	14° D				

## 1st Molar - Maxillary Triple Tubes

	Description	Style	Hook	R/L	.018	.022
	Ricketts Bioprogressive®, convertible	Weld		R/L	A01120	A01130
	Ricketts Bioprogressive®, convertible	Bond		R/L	A08120	A08130
	Ricketts Bioprogressive®, convertible	Weld	Mesial	R	A01122	A01132
	Ricketts Bioprogressive®, convertible	Weld	Mesial	L	A01123	A01133
	Ricketts Bioprogressive®, convertible	Bond	Mesial	R	A08122	A08132
	Ricketts Bioprogressive®, convertible	Bond	Mesial	L	A08123	A08133
	Ricketts Bioprogressive®	Weld		R/L	A01124	
	Ricketts Bioprogressive®	Bond		R/L	A08124	
	Ricketts Bioprogressive®	Weld	M/D	R/L	A01125	
	Ricketts Bioprogressive®	Bond	M/D	R/L	A08125	
	Combination Maxillary/Mandibular	Weld		R/L	A06010	
	Combination Maxillary/Mandibular	Bond		R/L	A08300	
	Bioprogressive®, convertible	Weld	Mesial	R	A01156	
	Bioprogressive®, convertible	Weld	Mesial	L	A01157	
	Bioprogressive®, convertible	Bond	Mesial	R	A08056	
	Bioprogressive®, convertible	Bond	Mesial	L	A08057	
	Bioprogressive®, convertible	Weld	Mesial	R	A04954	
	Bioprogressive®, convertible	Weld	Mesial	L	A04955	
	Bioprogressive®, convertible	Bond	Mesial	R	A08134	
	Bioprogressive®, convertible	Bond	Mesial	L	A08135	
	Ricketts Bioprogressive®, convertible	Weld	Mesial	R	A04960	
	Ricketts Bioprogressive®, convertible	Weld	Mesial	L	A04961	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	R	A08360	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	L	A08361	
	Bench Trimorphic, convertible	Weld	Mesial	R	A01160	A01170
	Bench Trimorphic, convertible	Weld	Mesial	L	A01161	A01171
	Bench Trimorphic, convertible	Bond	Mesial	R	A08060	A08070
	Bench Trimorphic, convertible	Bond	Mesial	L	A08061	A08071

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## 1st Molar - Maxillary Triple Tubes












Description	Style	Hook	R/L	.018	.022
SWLF®, convertible	Weld	Mesial	R	<b>A05708</b>	<b>A05728</b>
SWLF®, convertible	Weld	Mesial	L	<b>A05709</b>	<b>A05729</b>
SWLF®, convertible	Bond	Mesial	R	<b>A08532</b>	<b>A08552</b>
SWLF®, convertible	Bond	Mesial	L	<b>A08533</b>	<b>A08553</b>
Roth/Trimophic, convertible	Weld	Mesial	R	<b>A05654</b>	<b>A05674</b>
Roth/Trimophic, convertible	Weld	Mesial	L	<b>A05655</b>	<b>A05675</b>
Roth/Trimophic, convertible	Bond	Mesial	R	<b>A08604</b>	<b>A08624</b>
Roth/Trimophic, convertible	Bond	Mesial	L	<b>A08605</b>	<b>A08625</b>



Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-14°	0°	10° D	-14°	0°	10° D	0°	10° D	Occlusal	.045
-14°	0°	10° D	-14°	0°	10° D	0°	10° D	Occlusal	.045
-14°	0°	10° D	-14°	0°	10° D	0°	10° D	Occlusal	.045
-14°	0°	10° D	-14°	0°	10° D	0°	10° D	Occlusal	.045
-14°	0°	14° D	-14°	0°	14° D	0°	14° D	Occlusal	.045
-14°	0°	14° D	-14°	0°	14° D	0°	14° D	Occlusal	.045
-14°	0°	14° D	-14°	0°	14° D	0°	14° D	Occlusal	.045
-14°	0°	14° D	-14°	0°	14° D	0°	14° D	Occlusal	.045

## 1st Molar - Mandibular Single Tubes

	Description	Style	Hook	R/L	.018	.022
	Standard Edgewise, convertible	Weld		R/L	A04840	A04850
	Standard Edgewise, convertible	Bond		R/L	A08040	A08050
	Standard Edgewise, convertible	Weld	Mesial	R	A04842	A04852
	Standard Edgewise, convertible	Weld	Mesial	L	A04843	A04853
	Standard Edgewise, convertible	Bond	Mesial	R	A08042	A08052
	Standard Edgewise, convertible	Bond	Mesial	L	A08043	A08053
	FLI® Standard Edgewise	Weld	Mesial	R	A06778	A06782
	FLI® Standard Edgewise	Weld	Mesial	L	A06779	A06783
	FLI® Standard Edgewise	Bond	Mesial	R	A08778	A08782
	FLI® Standard Edgewise	Bond	Mesial	L	A08779	A08783
	FLI® Tube	Weld	Mesial	R	A06766	A06768
	FLI® Tube	Weld	Mesial	L	A06767	A06769
	FLI® Tube	Bond	Mesial	R	A08766	A08768
	FLI® Tube	Bond	Mesial	L	A08767	A08769
	FLI® MBT	Weld	Mesial	R	A05426	A05526
	FLI® MBT	Weld	Mesial	L	A05427	A05527
	FLI® MBT	Bond	Mesial	R	A08572	A08576
	FLI® MBT	Bond	Mesial	L	A08573	A08577
	SWLF®, convertible	Weld	Mesial	R	A05714	A05734
	SWLF®, convertible	Weld	Mesial	L	A05715	A05735
	SWLF®, convertible	Bond	Mesial	R	A08538	A08558
	SWLF®, convertible	Bond	Mesial	L	A08539	A08559
	MBT	Bond	Mesial	R	A08516	A08520
	MBT	Bond	Mesial	L	A08517	A08521
	Alexander, convertible not preangled	Weld	Mesial	R	A04384	A04394
	Alexander, convertible not preangled	Weld	Mesial	L	A04385	A04395
	Alexander, convertible not preangled	Bond	Mesial	R	A08184	A08194
	Alexander, convertible not preangled	Bond	Mesial	L	A08185	A08195
	Ricketts Bioprogressive®, without cap	Weld	Mesial	R	A04968	
	Ricketts Bioprogressive®, without cap	Weld	Mesial	L	A04969	
	Ricketts Bioprogressive®, without cap	Bond	Mesial	R	A08368	
	Ricketts Bioprogressive®, without cap	Bond	Mesial	L	A08369	



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## 1st Molar - Mandibular Single Tubes

	Description	Style	Hook	R/L	.018	.022
	Ricketts Bioprogressive®, convertible	Weld	Mesial	R	A04978	
	Ricketts Bioprogressive®, convertible	Weld	Mesial	L	A04979	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	R	A08378	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	L	A08379	
	FLI® Tube	Weld	Mesial	R	A06740	A06744
	FLI® Tube	Weld	Mesial	L	A06741	A06745
	FLI® Tube	Bond	Mesial	R	A08740	A08744
	FLI® Tube	Bond	Mesial	L	A08741	A08745
	FLI® One Piece	Weld	Mesial	R	A18758	A18762
	FLI® One Piece	Bond	Mesial	L	A18759	A18763
	Bench Bioprogressive®, without cap	Weld	Mesial	R	A01196	
	Bench Bioprogressive®, without cap	Weld	Mesial	L	A01197	
	Bench Bioprogressive®, without cap	Bond	Mesial	R	A08296	
	Bench Bioprogressive®, without cap	Bond	Mesial	L	A08297	
	Bench Bioprogressive®, convertible	Weld	Mesial	R	A01198	
	Bench Bioprogressive®, convertible	Weld	Mesial	L	A01199	
	Bench Bioprogressive®, convertible	Bond	Mesial	R	A08298	
	Bench Bioprogressive®, convertible	Bond	Mesial	L	A08299	
	Roth, convertible not preangled	Weld	Mesial	R	A05666	A05694
	Roth, convertible not preangled	Weld	Mesial	L	A05667	A05695
	Roth, convertible not preangled	Bond	Mesial	R	A08638	A08640
	Roth, convertible not preangled	Bond	Mesial	L	A08639	A08641
	Andrews, convertible not preangled	Weld	Mesial	R	A06120	A06160
	Andrews, convertible not preangled	Weld	Mesial	L	A06121	A06161
	Andrews, convertible not preangled	Bond	Mesial	R	A08420	A08460
	Andrews, convertible not preangled	Bond	Mesial	L	A08421	A08461
	FLI® Roth, not preangled	Weld	Mesial	R	A05608	A05610
	FLI® Roth, not preangled	Weld	Mesial	L	A05609	A05611
	FLI® Roth, not preangled	Bond	Mesial	R	A08208	A08210
	FLI® Roth, not preangled	Bond	Mesial	L	A08209	A08211
	Self Ligating	Bond	Mesial	R	A08844	A08854
	Self Ligating	Bond	Mesial	L	A08845	A08855
	Self Ligating	Bond	Mesial	R	A08846	A08856
	Self Ligating	Bond	Mesial	L	A08847	A08857
	Self Ligating	Bond	Mesial	R	A08848	A08858
	Self Ligating	Bond	Mesial	L	A08849	A08859






Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-24°	-5°	12° D							
-24°	-5°	12° D							
-24°	-5°	12° D							
-24°	-5°	12° D							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	5° D							
-25°	0°	5° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-30°	-1°	0°							
-30°	-1°	0°							
-30°	-1°	0°							
-30°	-1°	0°							
-30°	+2°	0°							
-30°	+2°	0°							
-30°	+2°	0°							
-30°	+2°	0°							
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-10°	0°	0°							
-10°	0°	0°							
-20°	0°	0°							
-20°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							

## 1st Molar - Mandibular Double Tubes


	Description	Style	Hook	R/L	.018	.022
	Bioprogressive®, Maxillary/Mandibular	Bond	Center	R/L	A08020	
	Bioprogressive®, convertible	Bond	Mesial	R	A08230	
	Bioprogressive®, convertible	Bond	Mesial	L	A08231	
	Wilson®	Weld	Mesial	R	A04370	A04372
	Wilson®	Weld	Mesial	L	A04371	A04373
	Standard Edgewise, convertible	Weld		R/L	A04836	A04846
	Standard Edgewise, convertible	Bond		R/L	A08036	A08046
	Standard Edgewise, convertible	Weld	Mesial	R	A04838	A04848
	Standard Edgewise, convertible	Weld	Mesial	L	A04839	A04849
	Standard Edgewise, convertible	Bond	Mesial	R	A08038	A08048
	Standard Edgewise, convertible	Bond	Mesial	L	A08039	A08049
	Bioprogressive®, not preangled	Weld	Center	R/L	A01190	
	Bioprogressive®, not preangled	Bond	Center	R	A08392	
	Bioprogressive®, not preangled	Bond	Center	L	A08393	
	Ricketts Bioprogressive®	Weld	Mesial	R	A01032	
	Ricketts Bioprogressive®	Weld	Mesial	L	A01033	
	Ricketts Bioprogressive®	Bond	Mesial	R	A08114	
	Ricketts Bioprogressive®	Bond	Mesial	L	A08115	
	Bioprogressive®, convertible	Weld	Mesial	R	A04934	
	Bioprogressive®, convertible	Weld	Mesial	L	A04935	
	Bioprogressive®, convertible	Bond	Mesial	R	A08034	
	Bioprogressive®, convertible	Bond	Mesial	L	A08035	
	Ricketts Bioprogressive®, convertible	Weld	Mesial	R	A04964	
	Ricketts Bioprogressive®, convertible	Weld	Mesial	L	A04965	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	R	A08364	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	L	A08365	
	Ricketts Bioprogressive®, convertible	Weld	Mesial	R	A04986	
	Ricketts Bioprogressive®, convertible	Weld	Mesial	L	A04987	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	R	A08386	
	Ricketts Bioprogressive®, convertible	Bond	Mesial	L	A08387	

Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	0°	0°	0°	0°	0°				
0°	-5°	0°	0°	-5°	0°				
0°	-5°	0°	0°	-5°	0°				
0°	-5°	0°	0°	-5°	0°				
-22°	-5°	12° D	-22°	-5°	12° D				
-22°	-5°	12° D	-22°	-5°	12° D				
-22°	-5°	12° D	-22°	-5°	12° D				
-22°	-5°	12° D	-22°	-5°	12° D				
-22°	-5°	12° D	0°	0°	0°				
-22°	-5°	12° D	0°	0°	0°				
-22°	-5°	12° D	0°	0°	0°				
-22°	-5°	12° D	0°	0°	0°				
-24°	-5°	12° D	-22°	-5°	12° D				
-24°	-5°	12° D	-22°	-5°	12° D				
-24°	-5°	12° D	-22°	-5°	12° D				
-24°	-5°	12° D	-22°	-5°	12° D				
-24°	-5°	12° D	0°	0°	0°				
-24°	-5°	12° D	0°	0°	0°				
-24°	-5°	12° D	0°	0°	0°				
-24°	-5°	12° D	0°	0°	0°				

## 1st Molar - Mandibular Double Tubes

	Description	Style	Hook	R/L	.018	.022
	SWLF®, convertible	Weld	Mesial	R	A05712	A05732
	SWLF®, convertible	Weld	Mesial	L	A05713	A05733
	SWLF®, convertible	Bond	Mesial	R	A08536	A08556
	SWLF®, convertible	Bond	Mesial	L	A08537	A08557
	Tip Edge	Weld	Mesial	R		A06082
	Tip Edge	Weld	Mesial	L		A06083
	Bench Bioprogressive®, convertible	Weld	Mesial	R	A01164	A01174
	Bench Bioprogressive®, convertible	Weld	Mesial	L	A01165	A01175
	Bench Bioprogressive®, convertible	Bond	Mesial	R	A08064	A08074
	Bench Bioprogressive®, convertible	Bond	Mesial	L	A08065	A08075
	FLI® Roth, convertible	Weld	Mesial	R	A05620	A05622
	FLI® Roth, convertible	Weld	Mesial	L	A05621	A05623
	FLI® Roth, convertible	Bond	Mesial	R	A08220	A08222
	FLI® Roth, convertible	Bond	Mesial	L	A08221	A08223
	Roth/Andrews, convertible not preangled	Weld	Mesial	R	A05658	A05678
	Roth/Andrews, convertible not preangled	Weld	Mesial	L	A05659	A05679
	Roth/Andrews, convertible not preangled	Bond	Mesial	R	A08608	A08628
	Roth/Andrews, convertible not preangled	Bond	Mesial	L	A08609	A08629

## 1st Molar - Mandibular Triple Tubes

	Description	Style	Hook	R/L	.018	.022
	Roth/Andrews, convertible not preangled	Weld	Mesial	R	A05660	A05680
	Roth/Andrews, convertible not preangled	Weld	Mesial	L	A05661	A05681
	Roth/Andrews, convertible not preangled	Bond	Mesial	R	A08610	A08630
	Roth/Andrews, convertible not preangled	Bond	Mesial	L	A08611	A08631



Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-25°	0°	8° D	-25°	0°	0°				
-25°	0°	8° D	-25°	0°	0°				
-25°	0°	8° D	-25°	0°	0°				
-25°	0°	8° D	-25°	0°	0°				
-27°	0°	0°				0°	0°	Gingival	.036
-27°	0°	0°				0°	0°	Gingival	.036
-27°	-5°	6° D	0°	0°	0°				
-27°	-5°	6° D	0°	0°	0°				
-27°	-5°	6° D	0°	0°	0°				
-27°	-5°	6° D	0°	0°	0°				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				
-30°	-1°	4° D	-30°	-1°	4° D				

Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-30°	-1°	4° D	-30°	-1°	4° D	-1°	4°D	Occlusal	.045
-30°	-1°	4° D	-30°	-1°	4° D	-1°	4°D	Occlusal	.045
-30°	-1°	4° D	-30°	-1°	4° D	-1°	4°D	Occlusal	.045
-30°	-1°	4° D	-30°	-1°	4° D	-1°	4°D	Occlusal	.045

## 2nd Molar - Maxillary Single Tubes

	Description	Style	Hook	R/L	.018	.022
	FLI® Standard Edgewise	Weld	Mesial	R	A06772	A06776
	FLI® Standard Edgewise	Weld	Mesial	L	A06773	A06777
	FLI® Standard Edgewise	Bond	Mesial	R	A08772	A08776
	FLI® Standard Edgewise	Bond	Mesial	L	A08773	A08777
	FLI® Mini Tube	Bond	Mesial	R	A08800	A08806
	FLI® Mini Tube	Bond	Mesial	L	A08801	A08807
	Bioprogressive®	Weld	Mesial	R	A04982	
	Bioprogressive®	Weld	Mesial	L	A04983	
	Bioprogressive®	Bond	Mesial	R	A08382	
	Bioprogressive®	Bond	Mesial	L	A08383	
	Andrews	Weld	Mesial	R	A06110	A06150
	Andrews	Weld	Mesial	L	A06111	A06151
	Andrews	Bond	Mesial	R	A08410	A08450
	Andrews	Bond	Mesial	L	A08411	A08451
	MBT	Bond	Mesial	R		A08514
	MBT	Bond	Mesial	L		A08515
	Andrews, not preangled	Weld	Mesial	R	A06108	A06148
	Andrews, not preangled	Weld	Mesial	L	A06109	A06149
	Andrews, not preangled	Bond	Mesial	R	A08408	
	Andrews, not preangled	Bond	Mesial	L	A08409	
	FLI®	Weld	Mesial	R	A06732	A06736
	FLI®	Weld	Mesial	L	A06733	A06737
	FLI®	Bond	Mesial	R	A08732	A08736
	FLI®	Bond	Mesial	L	A08733	A08737
	FLI® Mini Tube	Bond	Mesial	R	A08802	A08808
	FLI® Mini Tube	Bond	Mesial	L	A08803	A08809
	Alexander	Weld	Mesial	R	A04382	A04392
	Alexander	Weld	Mesial	L	A04383	A04393
	Alexander	Bond	Mesial	R	A08182	A08192
	Alexander	Bond	Mesial	L	A08183	A08193
	FLI® One Piece	Bond	Mesial	R	A18752	A18756
	FLI® One Piece	Bond	Mesial	L	A18753	A18757

Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	12° D							
0°	0°	12° D							
0°	0°	12° D							
0°	0°	12° D							
-9°	0°	10° D							
-9°	0°	10° D							
-9°	0°	10° D							
-9°	0°	10° D							
-9°	0°	10° D							
-9°	0°	10° D							
-9°	5°	10° D							
-9°	5°	10° D							
-9°	5°	10° D							
-9°	5°	10° D							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	6° D							
-10°	0°	6° D							
-10°	0°	6° D							
-10°	0°	6° D							
-10°	0°	10° D							
-10°	0°	10° D							

## 2nd Molar - Maxillary Single Tubes

	Description	Style	Hook	R/L	.018	.022
	Bench Bioprogressive®, Trimorphic	Weld	Mesial	R	A01162	A01172
	Bench Bioprogressive®, Trimorphic	Weld	Mesial	L	A01163	A01173
	Bench Bioprogressive®, Trimorphic	Bond	Mesial	R	A08062	A08072
	Bench Bioprogressive®, Trimorphic	Bond	Mesial	L	A08063	A08073
	FLI® Mini Tube	Bond	Mesial	R	A08804	A08810
	FLI® Mini Tube	Bond	Mesial	L	A08805	A08811
	FLI® MBT	Weld	Mesial	R	A05424	A05524
	FLI® MBT	Weld	Mesial	L	A05425	A05525
	FLI® MBT	Bond	Mesial	R	A08564	A08568
	FLI® MBT	Bond	Mesial	L	A08565	A08569
	SWLF®, convertible	Weld	Mesial	R	A05710	A05730
	SWLF®, convertible	Weld	Mesial	L	A05711	A05731
	SWLF®, convertible	Bond	Mesial	R	A08534	A08554
	SWLF®, convertible	Bond	Mesial	L	A08535	A08555
	FLI® Roth	Weld	Mesial	R	A05604	A05606
	FLI® Roth	Weld	Mesial	L	A05605	A05607
	FLI® Roth	Bond	Mesial	R	A08204	A08206
	FLI® Roth	Bond	Mesial	L	A08205	A08207
	MBT	Bond	Mesial	R	A08502	A08510
	MBT	Bond	Mesial	L	A08503	A08511
	Roth Trimorphic	Weld	Mesial	R	A05656	A05676
	Roth Trimorphic	Weld	Mesial	L	A05657	A05677
	Roth Trimorphic	Bond	Mesial	R	A08606	A08626
	Roth Trimorphic	Bond	Mesial	L	A08607	A08627

Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-10°	0°	12° D							
-10°	0°	12° D							
-10°	0°	12° D							
-10°	0°	12° D							
-14°	0°	0°							
-14°	0°	0°							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	0°	10° D							
-14°	5°	14° D							
-14°	5°	14° D							
-14°	5°	14° D							
-14°	5°	14° D							
-14°	0°	14° D							
-14°	0°	14° D							
-14°	0°	14° D							
-14°	0°	14° D							
-14°	0°	14° D							
-14°	0°	14° D							

## 2nd Molar - Mandibular Single Tubes

	Description	Style	Hook	R/L	.018	.022
	FLI® Standard Edgewise	Weld	Mesial	R	A06780	A06784
	FLI® Standard Edgewise	Weld	Mesial	L	A06781	A06785
	FLI® Standard Edgewise	Bond	Mesial	R	A08780	A08784
	FLI® Standard Edgewise	Bond	Mesial	L	A08781	A08785
	FLI® Mini Tube	Bond	Mesial	R	A08812	A08818
	FLI® Mini Tube	Bond	Mesial	L	A08813	A08819
	FLI® MBT	Weld	Mesial	R	A05428	A05528
	FLI® MBT	Weld	Mesial	L	A05429	A05529
	FLI® MBT	Bond	Mesial	R	A08574	A08578
	FLI® MBT	Bond	Mesial	L	A08575	A08579
	MBT	Bond	Mesial	R	A08518	A08522
	MBT	Bond	Mesial	L	A08519	A08523
	FLI® Mini Tube	Bond	Mesial	R	A08814	A08820
	FLI® Mini Tube	Bond	Mesial	L	A08815	A08821
	FLI® Tube	Weld	Mesial	R	A06742	A06746
	FLI® Tube	Weld	Mesial	L	A06743	A06747
	FLI® Tube	Bond	Mesial	R	A08742	A08746
	FLI® Tube	Bond	Mesial	L	A08743	A08747
	FLI® Mini Tube	Bond	Mesial	R	A08816	A08822
	FLI® Mini Tube	Bond	Mesial	L	A08817	A08823
	FLI® One Piece	Bond	Mesial	R	A18760	A18764
	FLI® One Piece	Bond	Mesial	L	A18761	A18765
	Bench Bioprogressive® Trimorphic	Weld	Mesial	R	A01166	A01176
	Bench Bioprogressive® Trimorphic	Weld	Mesial	L	A01167	A01177
	Bench Bioprogressive® Trimorphic	Bond	Mesial	R	A08066	A08076
	Bench Bioprogressive® Trimorphic	Bond	Mesial	L	A08067	A08077
	Alexander, not preangled	Weld	Mesial	R	A04386	A04396
	Alexander, not preangled	Weld	Mesial	L	A04387	A04397
	Alexander, not preangled	Bond	Mesial	R	A08186	A08196
	Alexander, not preangled	Bond	Mesial	L	A08187	A08197



Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
0°	0°	0°							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	0°							
-10°	0°	6° D							
-10°	0°	6° D							
-14°	0°	0°							
-14°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	0°							
-25°	0°	5° D							
-25°	0°	5° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-5°	6° D							
-27°	-6°	6° D							
-27°	-6°	6° D							
-27°	-6°	6° D							
-27°	-6°	6° D							

## 2nd Molar - Mandibular Single Tubes



Description	Style	Hook	R/L	.018	.022
FLI® Roth, not preangled	Weld	Mesial	R	<b>A05612</b>	<b>A05614</b>
FLI® Roth, not preangled	Weld	Mesial	L	<b>A05613</b>	<b>A05615</b>
FLI® Roth, not preangled	Bond	Mesial	R	<b>A08212</b>	<b>A08214</b>
FLI® Roth, not preangled	Bond	Mesial	L	<b>A08213</b>	<b>A08215</b>
Roth, not preangled	Weld	Mesial	R	<b>A05662</b>	<b>A05682</b>
Roth, not preangled	Weld	Mesial	L	<b>A05663</b>	<b>A05683</b>
Roth, not preangled	Bond	Mesial	R	<b>A08612</b>	<b>A08632</b>
Roth, not preangled	Bond	Mesial	L	<b>A08613</b>	<b>A08633</b>
Ricketts Bioprogressive®	Weld	Mesial	R	<b>A04990</b>	
Ricketts Bioprogressive®	Weld	Mesial	L	<b>A04991</b>	
Ricketts Bioprogressive®	Bond	Mesial	R	<b>A08390</b>	
Ricketts Bioprogressive®	Bond	Mesial	L	<b>A08391</b>	
Andrews, not preangled	Weld	Mesial	R	<b>A06126</b>	<b>A06166</b>
Andrews, not preangled	Weld	Mesial	L	<b>A06127</b>	<b>A06167</b>
Andrews, not preangled	Bond	Mesial	R	<b>A08426</b>	<b>A08466</b>
Andrews, not preangled	Bond	Mesial	L	<b>A08427</b>	<b>A08467</b>

Main Arch Slot			Auxiliary Slot			Headgear Slot			
Torque	Angulation	Offset	Torque	Angulation	Offset	Angulation	Offset	Location	Size
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-30°	-1°	4° D							
-34°	-5°	6° D							
-34°	-5°	6° D							
-34°	-5°	6° D							
-34°	-5°	6° D							
-27°	+2°	0°							
-27°	+2°	0°							
-27°	+2°	0°							
-27°	+2°	0°							

**Direct Bond Lingual Cleat**

- Stainless steel
- Low profile
- Easily adjustable

Description	Package contains	Order Number
Cleat	10	A00407



A07910

**Direct Bond Lug/Cleat (Debnam)**

- Mesial-distal elastic hook
- Hook is bent out from base surface to engage elastics



A07911

Description	Package contains	Order Number
Cuspid/Bicuspid	10	A07910
Molar	10	A07911



A07914

**Direct Bond Eyelet**

- Accepts wire and small diameter elastic ligatures

Description	Package contains	Order Number
Molar	10	A07913
Central/Lateral	10	A07914
Cuspid/Bicuspid	10	A07915

**Direct Bond Eyelet, Rectangular**

- One-piece curved base

Package contains	Order Number
10	A00314

**Direct Bond Coil Eyelet, Round**

Package contains	Order Number
10	A00315

**Traction Hook, Round**

- 80-gauge mesh pad

Package contains	Order Number
10	A00316

**JV BiTurbo2™**

- For rapid correction of skeletal overbite.
- Reduces hyperactivity and muscle parafunction.
- Bonded to the palatal surfaces of the upper central incisors to enable posterior disocclusion and avoid interference with the lower incisors.
- Allows physiological eruption of molars and premolars.
- The posterior teeth come into contact within 3 or 4 weeks, thanks to the use of elastics.
- Designed with a central slot to facilitate positioning with a probe and easy removal by compressing with pliers.
- Made of stainless steel to prevent ingestion of toxic substances.

Description	Package contains	Order Number
JV BiTurbo2	10	A00402

### Direct Bond Lingual Button

Stainless steel low-profile buttons on 80 mil mesh base.

- Smooth finish with rounded edges for patient comfort

Description	Package contains	Order Number
Flat rectangular base	10	A07919
Curved rectangular base	10	A07918
Flat round base	10	A07917
Curved round base	10	A07916



### Eruption Appliance

- Stainless steel chain and base
- 80 gauge mesh pad
- Adjustable 2cm chain comfort

Package contains	Order Number
5	A00310



### Direct Bond, Bite Guide

- One-piece design
- Efficiently open a deep bite
- Achieve mandible advancement comfort

Package contains	Order Number
10	A00317



### Tongue Trainer

- Curved base
- Help control tongue thrusting habit

Package contains	Order Number
10	A00318



### Tongue Star™

Tongue Star™ from RMO® is a fixed attachment that has been proven highly effective in controlling the tongue for rapid anterior open-bite correction and rapid lateral-bite closure. Tongue Star™ addresses the unconscious habit of those patients who tongue thrust when swallowing, speaking, and eating, gradually pushing their teeth out of alignment. Open bites are resolved with Tongue Star™ in less than 4-6 months in conjunction with use of a light anterior box-pattern elastic.

Package contains	Order Number
12	A00400



### Direct Bond Molded Aesthetic Lingual Buttons

Description	Package contains	Order Number
Cuspid/Bicuspid 2,6mm - Plastic	10	A03902



### Direct Bond Button, Round Ceramic

Great for use with aligners or aesthetic bracket systems.

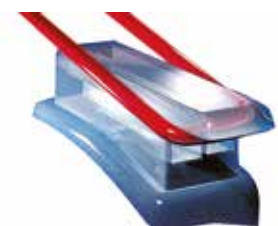
Package contains	Order Number
10	A00321



### Bondable Buccal Tubes (Fiberglass)

Edgewise double tube / One slot .018/second slot .022 / Torque in base / Distal extension for elastics / Ideal for allergic patients.

Offset	Torque	Width	Position	Package contains	Order Number
7°D	-10°	7,0	UR/LL	10	ECQ0050
7°D	-10°	7,0	UL/LR	10	ECQ0051





# 08

## TADS

Experience the latest generation of appliances — Dual-Top TADs exclusively distributed by RMO®. The Dual-Top Temporary Anchorage Device system provides efficient and flexible biomechanics.

Dual-Top TADs significantly enhance treatment capabilities and can be extremely effective in reducing treatment time, surgeries and extractions. Appliances can be inserted chairside by the doctor and loaded immediately.

RMO® carries a variety of torque drivers. Orthonia provides a variety of speeds and torque options to prevent TAD failure.

## CONTENTS

**172** Dual-Top TAD System Kit

**173** Tads

**176** Accessories

**178** Topjet & Powerscrew

**181** Anchor Plates



### Dual-Top Temporary Anchor Devices (TADs)

- Manufactured with surgical grade titanium alloy
- Self-drilling and self-tapping, with sharp fluted tips
- Reverse buttress thread design
- Smooth upper transmucosal shaft



### Dual-Top TAD System Kit

- Includes 14 of the most commonly types and sizes of TADs
- The storage block has a layout for easy storage and TAD identification, with the thread diameters and TAD lengths etched into the block
- Storage block allows for repeated sterilization

Description	Size	Package Contains	Order Number
Dual-Top TAD System Kit		1 kit	K00935-2
Description	Size	Package Contains	Order Number
Button Driver Shaft for Hand Driver Body		1	ECG0110
Cross Driver Shaft for Hand Driver Body		1	ECG0310
TAD System Storage Block		1	ECG0230-3
Hand Driver Body		1	ECG0232
Button Top TAD	Ø 1,4 x 6mm	1	ECG0111
Button Top TAD	Ø 1,4 x 8mm	2	ECG0112
Button Top TAD	Ø 1,6 x 6mm	4	ECG0113
Button Top TAD	Ø 1,6 x 8mm	2	ECG0114
Button Top TAD	Ø 2,0 x 8mm	1	ECG0117
Bracket Top TAD	Ø 1,6 x 6mm	2	ECG0313
Bracket Top TAD	Ø 1,6 x 8mm	2	ECG0314

### Button Top TAD

- Small upper button
- Easy to attach Energy Chain™ or NiTi Coil Springs
- Secure retention of attachments
- Low profile for patient comfort
- Oversized collar resists gingival overgrowth



Description	Package Contains	Order Number	
		Regular	Sterile
Ø 1,4 x 6mm (.056" x .236")	1	ECG0111	ECG0111-S
Ø 1,4 x 8mm (.056" x .315")	1	ECG0112	
Ø 1,6 x 6mm (.063" x .236")	1	ECG0113	
Ø 1,6 x 8mm (.063" x .315")	1	ECG0114	
Ø 1,6 x 10mm (.063" x .394")	1	ECG0115	ECG0115-S
Ø 2,0 x 6mm (.079" x .236")	1	ECG0116	
Ø 2,0 x 8mm (.079" x .315")	1	ECG0117	
Ø 2,0 x 10mm (.079" x .394")	1	ECG0118	

\*ECG0100 & ECG0110 driver shafts recommended

## Bracket Top TAD

- Arch slot of .022" for wire insertion
- Easy to ligate conventionally
- Oversized collar resists gingival overgrowth

Description	Package Contains	Order Number	
		Regular	Sterile
Ø 1,4 x 6mm (.056" x .236")	1	ECG0311	
Ø 1,4 x 8mm (.056" x .315")	1	ECG0312	
Ø 1,6 x 6mm (.063" x .236")	1	ECG0313	
Ø 1,6 x 8mm (.063" x .315")	1	ECG0314	ECG0314-S
Ø 1,6 x 10mm (.063" x .394")	1	ECG0315	ECG0315-S
Ø 2,0 x 6mm (.079" x .236")	1	ECG0316	
Ø 2,0 x 8mm (.079" x .315")	1	ECG0317	
Ø 2,0 x 10mm (.079" x .394")	1	ECG0318	

\*ECG0300 & ECG0310 driver shafts recommended



## Cross Top TAD

- Cross top arch slot .022" allows for arch wire insertion

Description	Package Contains	Order Number	
		Regular	Sterile
Ø 1,4 x 6mm (.056" x .236")	1	ECG0211	
Ø 1,4 x 8mm (.056" x .315")	1	ECG0212	
Ø 1,6 x 6mm (.063" x .236")	1	ECG0213	
Ø 1,6 x 8mm (.063" x .315")	1	ECG0214	
Ø 1,6 x 10mm (.063" x .394")	1	ECG0215	
Ø 2,0 x 6mm (.079" x .236")	1	ECG0216	
Ø 2,0 x 8mm (.079" x .315")	1	ECG0217	
Ø 2,0 x 10mm (.079" x .394")	1	ECG0218	

\*ECG0200 & ECG0210 driver shafts recommended



## Cross Top with Collar TAD

- Cross top arch slot .022" allows for arch wire insertion
- Easy to attach Energy Chain™ or NiTi Coil Springs
- Secure retention of attachments
- Oversized collar resists gingival overgrowth

Description	Package Contains	Order Number	
		Regular	Sterile
Ø 1,4 x 6mm (.056" x .236")	1	ECG0511	
Ø 1,4 x 8mm (.056" x .315")	1	ECG0512	ECG0512-S
Ø 1,4 x 10mm (.056" x .394")	1	ECG0520	ECG0520-S
Ø 1,6 x 6mm (.063" x .236")	1	ECG0513	
Ø 1,6 x 8mm (.063" x .315")	1	ECG0514	ECG0514-S
Ø 1,6 x 10mm (.063" x .394")	1	ECG0515	ECG0515-S
Ø 1,6 x 12mm (.063" x .472")	1	ECG0519	ECG0519-S
Ø 2,0 x 6mm (.079" x .236")	1	ECG0516	ECG0516-S
Ø 2,0 x 8mm (.079" x .315")	1	ECG0517	
Ø 2,0 x 10mm (.079" x .394")	1	ECG0518	

\*ECG0300 & ECG0310 driver shafts recommended





### Flat Top with Collar

Description	Package Contains	Order Number	
		Regular	Sterile
Ø 1,4 x 8mm (.056" x .315")	1	ECG0612	ECG0612-S
Ø 1,6 x 8mm (.063" x .315")	1	ECG0614	ECG0614-S
Ø 1,6 x 10mm (.063" x .394")	1	ECG0615	ECG0615-S

\*ECG0300 & ECG0310 driver shafts recommended



### JS Tad for Topjet

Description	Package Contains	Order Number	
		Regular	Sterile
Ø 2,0 x 10mm (.079" x .394")	1	ECG0700	
Ø 2,0 x 12mm (.079" x .394")	1	ECG0701	
Ø 2,0 x 14mm (.079" x .551")	1	ECG0702	
Ø 2,5 x 12mm (.098" x .394")	1	ECG0703	
Ø 2,5 x 14mm (.098" x .551")	1	ECG0704	
Ø 2,5 x 16mm (.098" x .629")	1	ECG0705	

\*ECG0300 & ECG0310 driver shafts recommended



### Hand Driver Body

Description	Package Contains	Order Number
110mm	1	ECG0232



### Lingual Driver for TAD

- Designed to be used for inserting and removing Dual-Top TADs
- Designed to be detachable for easy sterilization
- Easy implant at maxillary and mandibular jawbone area
- Enable user to control driver with only one-hand
- Shafts sold separately

Description	Package Contains	Order Number
Manual lingual driver	1	ECG0233



### Battery-powered Screwdriver

Easy insertion of orthodontic TADs. 5-35 Ncm for insertion and removal, even from hard bone. Torque adjustment function minimizes fracture and screw failure.

- Battery type : Li-polymer
- Battery capacity : 7.4V DC / 360 mAh
- Speed : 15, 30, 45, 60 RPM±10%
- Torque : 5, 10, 15, 20, 25, 30, 35N cm ±10%
- Dimension : 30 x 28 x 200mm
- Weight : 150g

Description	Package Contains	Order Number
Battery-powered Screwdriver	1	ECG0240

## Torque Limiting Driver

- Prevents over torque
- Convenience and simple setup
- Safe implant placement
- Torque range: 6N-cm to 30N-cm
- Tool comes apart for convenient sanitation
- Compatible with existing instruments
- Shafts sold separately

Description	Package Contains	Order Number
Manual torque driver	1	ECG0234



## Orthonia Torque Driver

- Reverse rotation function is effective for safest TAD removal
- ECG0238 : 2 convenient speeds - low (15 RPM) and high (20 RPM)
- ECG0235 : 3 convenient speeds - low (30 RPM), medium (40 RPM) and high (50 RPM)
- Convenient and easy to set up-user friendly designed LCD and push button control panel
- Torque limit range from 10N-cm to 30N-cm
- Safety feature engages when torque limit is exceeded
- Driver adapter for straight shaft included
- Used with RMO® product codes ECG0110, ECG0210, ECG0310

Description	Package Contains	Order Number
Battery powered torque driver (white)	1	ECG0235
Orthonia battery	1	ECG0235-P
Battery powered torque driver (black)	1	ECG0238



ECG0235



ECG0238

## Driver Adapter for Contra-Angle (included in kit and sold separately)

- Easy access to difficult to reach areas such as: palate, retromolar pad
- Adapter rotation accommodates insertion angles
- Used with RMO® product codes ECG0100, ECG0200 and ECG0300

Description	Package Contains	Order Number
Driver Shaft Holder	1	ECG0236



## Driver Shafts for Contra Angle & Hand Driver Body

Description	Package Contains	Order Number
Button Driver Shaft for Contra Angle - 25mm	1	ECG0100
Cross Driver Shaft for Contra Angle - 18,5mm	1	ECG0200
Bracket Driver Shaft for Contra Angle - 28mm	1	ECG0300
Button Driver Shaft for Hand Driver Body - 70,5mm	1	ECG0110
Cross Driver Shaft for Hand Driver Body - 71mm	1	ECG0210
Bracket Driver Shaft for Hand Driver Body - 70mm	1	ECG0310





### Pilot Drill 1mm Diameter

Description	Package Contains	Order Number
28mm	1	ECG0231



### TAD System Storage Block

Description	Package Contains	Order Number
Mini storage bloc	1	ECG0230-2
Storage bloc	1	ECG0230-3



### TAD NiTi Coil Springs with Eyelets

- Stainless steel eyelets are attached to each end of the closed NiTi coil spring to easily engage various appliances
- Wire diameter of .010" and inside coil diameter of .030"

Description	Package Contains	Order Number
7mm	10	G00304
9mm	10	G00301
12mm	10	G00302
15mm	10	G00303



### TAD NiTi Coil Springs with Oval Eyelets

- Stainless steel eyelets attached to NiTi Coil Springs
- Pear-shaped opening allows for easy and secure attachment to Button Top TAD
- Wire diameter of .010" and inside coil diameter of .030"

Description	Package Contains	Order Number
8mm	10	G00305
10mm	10	G00306
12mm	10	G00307



### Permanent Force Springs

- 2 sizes
- 5 force levels (50, 100, 150, 200 & 250g)
- Constant forces during unloading
- Force identification on spring

Description	Package Contains	Order Number
9mm	10	ECG0350
12mm	10	ECG0351

## Crimpable Hooks

- Designed for rectangular wire .016" x .022" through .019" x .025"
- Angled head improves access to the posterior region

Description	Package Contains	Order Number
Crimpable Hook	10	ECM1382
Long Crimpable Hook	10	ECM1381



ECM1381

ECM1382

## Crimpable Hook Pliers

- Helps to attach crimpable hooks securely to the arch wire
- Angled head improves access to the posterior region

Description	Package Contains	Order Number
Schweickhardt Crimpable Hook Plier	1	i00129
Apex Series™ Crimpable Hook Plier	1	T00130
Crimpable Hook Plier	1	ECi0987



i00129



T00130



ECi0987

## Step Plier

- Adapts bimetric distalizing arches for use with occlusal headgear tubes

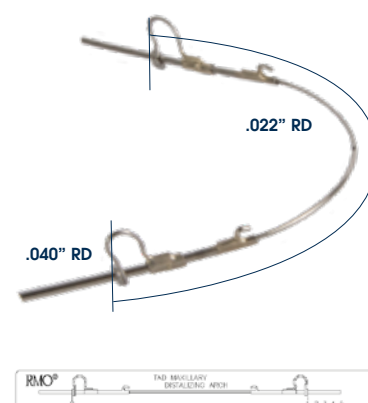
Description	Package Contains	Order Number
Step Plier - .75mm	1	T00132
Step Plier - 1mm	1	T00134



## 3D® Maxillary Distalizing Arch

- The Wilson® 3D® Maxillary Bimetric Distalizing Arch has been modified for use with TADs
- Energy Chain™, ligature wire or coil spring is used to connect the TAD with the gingival hook on the appliance
- Customized Distalizing Arches can be fabricated using components of the Wilson® 3D® Bimetric Arch (A04127-A04129, A04150-A04154) and the Omega Adjustable Stop (A04124)

Description	Package Contains	Kit Contains	Order Number
1 - 83mm	3	1	G00351
2 - 86mm	3	1	G00352
3 - 89mm	3	1	G00353
4 - 92mm	3	1	G00354
5 - 95mm	3	1	G00355
Orthonol® Coil Springs	10	10	F00126
Distalizing Arch Selector	1	1	G00360
Assorted Kit	-	-	K00930



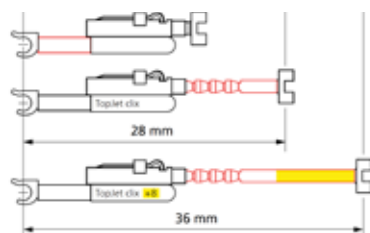


### Topjet

The TopJet is a unique molar distalizer as it can be inserted easily chairside with absolut no laboratory step.

If used unilaterally only one orthodontic miniimplant (OMI) is necessary to anchor it. Insertion time usually is around 10 minutes including the placement of the OMI.

With 250 cN or 350 cN the handler has two strength sizes available and the TopJet clix is also available as a special model in a longer length of more than 8 mm. With full spring tension the smallest installation distance between mini anchor screw and trans-palatal arch is 14 mm, with the largest being 28 mm. With 0.8 mm/month a molar can be distalised by up to 15 mm using TopJet clix.



Description	Package Contains	Order Number
Topjet Clix Distalizer 250g	1	ECT0510
Topjet Clix Distalizer 250g + 8mm	1	ECT0511
Topjet Clix Distalizer 360g	1	ECT0512
Topjet Clix Distalizer 360g + 8mm	1	ECT0513
JS TAD for topjet Ø 2,0 x 12mm	2	ECG0701
JS TAD for topjet Ø 2,0 x 14mm	2	ECG0702
Bracket driver shaft	1	ECG0300
Topjet plier	1	ECT0515
T-Connector plier	1	ECT0516
Trulock Adhesive 2g	1	J04004
Transpalatal arches (6,8,10,12,14,16,18,20,22 or 24mm)	5	ECT0520
Transpalatal arches x10 (6,8,10,12,14,16,18,20,22 & 24mm)	1	ECT0521

by **Tiger Dental**



## PowerScrew

The PowerScrew is a double telescope screw for use in palatal expansion devices. It is available in five sizes (8, 10, 12, 14 and 16 mm installation size). Activation is simple, as the 8 cm long flat spanner can be quickly and safely used by the patient on the hexagonal screw.

Narrow palates need a small expansion screw. The PowerScrew therefore grows with it. By simply changing the hexagonal screw for the next biggest, the expander can continue to be used without making a new one.

The PowerScrew and its retention arms are extremely stable and can withstand the greatest forces and torques. One turn (6 surfaces) equals 1 mm expansion (0.17 mm per surface); every second surface is marked with increasing points.

### Indications

Expansion of skeletally narrow upper jaws

### Contraindications

Age-dependent, ossified palatal expansion

### Field of Application

- Expanders with splints or Bands
- Hybrid Expanders
- Purely bone-borne expanders

### Advantages

- Small body, high stability
- Changeable hexagonal nut
- Easy self activation by the patient with precisely fitting flat spanner
- More comfort due to rounded design
- Invisible in the mouth



by **Tiger Dental**

Description	Package Contains	Order Number
Powerscrew 8 with welded holding arms, flat spanner	1	ECT0486
Powerscrew 10 with welded holding arms, flat spanner	1	ECT0598
Powerscrew 12 with welded holding arms, flat spanner	1	ECT0485
Powerscrew 14 with welded holding arms, flat spanner	1	ECT0599
Powerscrew 16 with welded holding arms, flat spanner	1	ECT0488
Collars for adhesive bonding, straight	4	ECT0484
Collars for adhesive bonding, profiled	4	ECT0483
Screw extractor	1	ECT0482
Flat wire 4cm	3	ECT0487
Collar Extractor	1	ECT0489
Laboratory analogues long	4	ECT0491
Bracket driver shaft	1	ECG0300
Collars for adhesive bonding, profiled	4	ECT0483
Collars for adhesive bonding, straight	4	ECT0484
Trulock Adhesive 2g	1	J04004
Collar Plier	1	ECT0481
Collar Extractor	1	ECT0489
Transfer Caps	4	ECT0490



ECG0300



ECT0483 ECT0484



ECT0481



ECT0489



ECT0490



### Symmetry Tool

The four T-shaped arms of this instrument facilitate the symmetrical placement of 2 to 4 marks in the anterior palate.

These marks serve as possible insertion points for mini screw anchors, especially when using expansion devices. This device provides a comparison and should not be used as a distance guide for the insertion of mini screw anchors.



Description	Package Contains	Order Number
Tool	1	ECT0522
Angle verification rule (15°)	1	ECT0523



### TopStop Space Maintainer

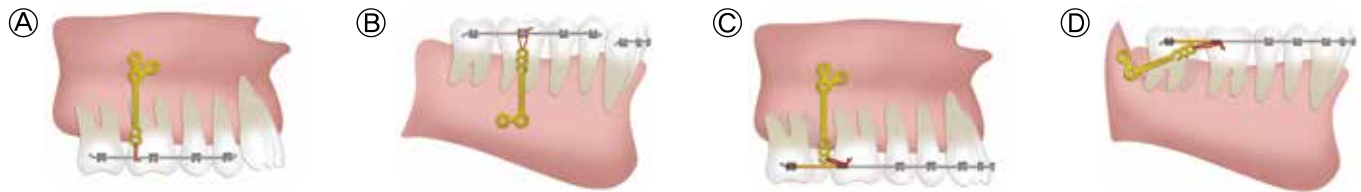
The TopStop Space Maintainer serves to anchor molars and provides ideal retention after prior distalisation with the TopJet. The TopStop Space Maintainer is available in the "direct" and "TPA" versions.

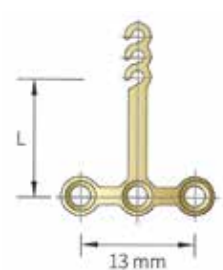
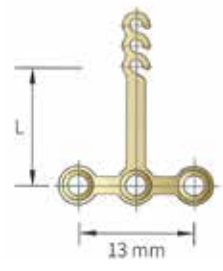
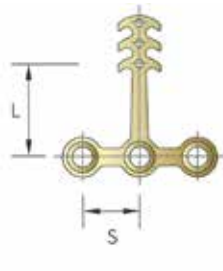
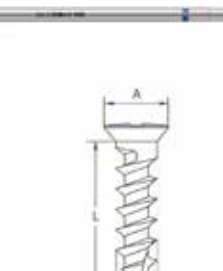




Description	Package Contains	Order Number
TopStop TPA - 1 side	2	ECT0410
TopStop direct - 2 sides	2	ECT0411

## Anchor Plates

This Anchor Plate is made of pure titanium suitable for osseointegration and tissue integration. Anchor plate is developed to provide intraoral absolute anchorage for the intrusion or distalization of molars. This plate has three positions: head, arm and body. Jeil's Anchor Plate does not disturb any kind of tooth movement because they are placed outside the dentition. Furthermore, this plate is the most distinctive feature of SAS in comparison with orthodontic implant systems.



Description	Unité de Vente	Référence	
Anchor Plate T Left L = 10 ou 13 ou 16 mm	1	ECGP0050	
Anchor Plate T Right L = 10 ou 13 ou 16 mm	1	ECGP0051	
Anchor Plate T Small, Medium or Large L = 13 mm / S = 5 or 5.75 or 6.5 mm	1	ECGP0055	
Anchor Plate T Medium L = 10 mm / S = 5.75 mm	1	ECGP0057	
Adaptateur Vis	1	ECGP0002	
2 x 4mm screw	1	ECGP0025	
2 x 6mm screw	1	ECGP0026	
2 x 8mm screw	1	ECGP0028	



# 09

## ADHESIVES

RMO®'s TruLock® Bonding System offers consistency, an unbeatable less-tacky viscosity and very minimal drift. The TruLock® product line assures optimal strength and can be applied to various surfaces giving versatility in treatment.

The FlashMax P4 has the highest peak output intensity of any LED Curing Light on the market. These units provide less heat in handling without sacrificing power and efficiency. Enhanced sustainability through improved internal controls and programming make this light the only choice for your practice.

## CONTENTS

**184** Trulock® Range

**188** Light Pens

**190** Cement

**192** Cheek Retractors

**194** Burs







### TruLock® Light Activated Adhesive

TruLock® Light Activated Adhesive is a single paste resin-based, fluoride containing bracket adhesive that requires no mixing, resulting in reduced waste, improved performance consistency and no working time constraints.

- Application: Bonds metal, ceramic and plastic/composite materials to enamel
- Shelf Life: 30 months from manufacture date
- Curing: Minimum output 600 mW/cm<sup>2</sup> and wavelength 400-500 nanometers

Description	Package Contains	Order Number
Light Activated Adhesive (5g Syringe)	4 each	J04000
Light Activated Adhesive (40 X .35g Capsule) 14g	1 each	J04001
Light Activated Bonding Resin 7ml	1 each	J04002
Light Activated Kit - 4 x 5g Syringes, 2 x 3ml Bonding Resin, 7ml Etchant Liquid, Brushes, Spatula, Mixing Pad	1 each	K00070
Light Activated Kit - 40 x 0.35g Capsules, 7ml Bonding Resin, 2 x 4g Etchant Gel Syringes, Tips, Brushes, Mixing Pad	1 each	K00071
Light Activated Mini Kit - 5g Syringe, 3ml Bonding Resin, 3ml Etchant Liquid, Brushes, Spatula, Mixing Pad	1 each	K00072
Light Activated Mini Kit - 5g Syringe, 3ml Bonding Resin, Brushes, Spatula, Mixing Pad, (NO ETCHANT)	1 each	K00073
Light Activated Kit - 4 x 5g Syringes, 2 x 3ml Bonding Resin, Brushes, Spatula, Mixing Pad, (NO ETCHANT)	1 each	K00074

### TruLock® Light Activated Flowable Adhesive

The Radiopaque, resin-based, microhybrid flowable composite contains fluoride and is an organic matrix based on Bis-GMA resin. Currently available in A2 Shade. Can be used for multiple applications, including indirect bonding.



Description	Package Contains	Order Number
2g Syringe, 5 Tips	1 each	J04004



### TruLock® Primer Activated Adhesive

TruLock® Primer Activated Adhesive is a paste-primer orthodontic formula. The unique filler and primer combination produces an ideal bond and a smooth viscosity minimizing bracket drift or movement.

- Application: Bonds metal, ceramic, and plastic/composite materials to enamel
- Shelf Life: 30 months from manufacture date
- Curing: Self cured with paste and primer

Description	Package Contains	Order Number
Primer Activated Adhesive (jar), 14g	1 each	J04010
Primer Activated Adhesive (3.5g Syringe)	4 each	J04011
Primer Activated Primer, 12ml	1 each	J04013
Primer Activated Kit - 14g Adhesive Jar, 12ml Primer, 7ml Etchant Liquid, Brushes, Spatulas, Mixing Pad	1 each	K00080
Primer Activated Kit - 4 x 3.5g Syringes, 12ml Primer, 7ml Etchant Liquid, Brushes, Spatulas, Mixing Pad	1 each	K00081
Primer Activated Kit - 40 x 0.35g Capsules, 12ml Primer, 7ml Etchant Liquid, Brushes, Mixing Pad	1 each	K00082
Primer Activated Mini Kit - 3.5g Syringe, 5ml Primer, 3ml Etchant Liquid, Brushes, Spatulas, Mixing Pad	1 each	K00083
Primer Activated Mini Kit - 3.5g Syringes, 5ml Primer, Brushes, Spatulas, Mixing Pad (NO ETCHANT)	1 each	K00084
Primer Activated Kit - 4 x 3.5g Syringes, 12ml Primer, Brushes, Spatulas, Mixing Pad, (NO ETCHANT)	1 each	K00085

## TruLock® Light Cure Band Adhesive

TruLock® Light Cure Band Adhesive is a single paste resin-based, fluoride containing band adhesive. The single paste adhesive requires no mixing resulting in reducing adhesive waste, consistent adhesive performance and no working time constraints. A distinctive blue color allows you to easily see the adhesive during banding, making clean up easy.

- Application: TruLock® LC Band Adhesive is a single-paste, resin-based, light-cured, fluoride-releasing paste used for cementation of orthodontic appliances to teeth
- Appearance: Blue, opaque paste with medium viscosity
- Shelf Life: 30 months at 25° C and 60% humidity
- Curing: Light Cured by using a standard curing light (600 mW/cm2 minimum output) for 20 seconds. FlashMax P4 cure time 1-3 seconds

Description	Package Contains	Order Number
Light Cure Band Adhesive, 5g Syringe	1 each	J04003
Light Cure Band Adhesive, 5g Syringe	4 each	J04005



## Porcelain Conditioner

For Bonding to Ceramic Crowns. Effective with: porcelain, zirconia and lithium disilicate

Package Contains	Order Number
1 bottle 8cc	ECR-PO



## Metal Primer

Additional preparation liquid for bonding to metal surfaces.

Package Contains	Order Number
1 bottle 8ml	ECR-ME



## Plastic Conditioner

Creates a chemical bond between the plastic bracket or acrylic and the adhesive.

Package Contains	Order Number
1 bottle 10cc	ECR-PL



## TruLock® Etchant

TruLock™ etching gel system ensures uniform etching of the tooth and easily rinses off without staining. The gel is green in color, to ensure precise placement on the tooth. Disposable tips provide more protection against cross-contamination.

Description	Package Contains	Order Number
Etchant Liquid 7ml	1 each	J04020
Etchant Gel (12g Syringe)	1 each	J04021
Long Nose Etchant Gel Tip	25 each	J04025





**RMBond® - Indirect Bonding**

- Reduces chair time
- Significantly more comfortable bonding experience for patient
- Convenient and more precise final appliance placement on a study model at doctor's leisure
- Reduces clinician neck and back pain by minimizing time bent over a patient during bonding procedure
- No need for two models – study model also functions as IDB model

Description	Package Contains	Order Number
Dispensing gun for inner tray material	1 each	ECJ0263
Model box with delrin insert	1 each	J00260
Thermoform sheets clear .040" 1mm thick 5" sq	100 pack	J00376

**Accessories**

Description	Package Contains	Order Number
TruLock® 2" Brushes	50 each	J04026
TruLock® 2.44" x 2.44" Sheets	50 each	J04027
TruLock® Paste Sticks	100 each	J03207
TruLock® Replacement Syringe	1 each	J03212

**“Jumbo Etch” Gel**

- Convenient syringe storage and dispensing system
- 50 ml syringe dispenses 60 g of etching gel (phosphoric acid 35 %)
- Advantages: Ease of use, pre-measured, precise application, consistency
- Minimum two year shelf life



Description	Package Contains	Order Number
<b>Kit :</b> 50 ml 1 dispensing tip 40 pointed tips 3 empty syringes (3 ml)	1	ECM8075
Replacement tips	100	ECM8076

**Prophy Paste**

- For use in cleaning the teeth prior to etching
- For professional interproximal cleaning
- Fine granulation for optimal cleaning without unnecessary abrasion
- Non-splattering for very clear rotation
- Free of fluor, pleasant fruit flavour

Unité de Vente	Réf.
1	ECM8023

**Phase II Part A adhesive composite, 6g**

Used for rigid adhesive connection between adhesive sleeve and Dual-Top JS screw head.

Unité de Vente	Réf.
1	ECT0494

**Phase II Part B adhesive composite, 6g**

Used for rigid adhesive connection between adhesive sleeve and Dual-Top JS screw head.

Unité de Vente	Réf.
1	ECT0495



**FlashMax P4 Light Curing Pen**

- Highest output intensity of LED curing lights
- Light tip can adjust  $\pm 15^\circ$  for better access to distal regions of the mouth; 8 mm light tip is ideal for use with fixed appliances.
- Economical unit provides less heat without sacrificing power and efficiency
- Treat the upper and lower arches with maximum efficiency using the bilateral control buttons. Identical control buttons on either side allow you to rotate the light to achieve the best angle for maximum bond strength
- A battery-operated, cordless hand unit that provides maximum office flexibility and convenience
- Three curing modes for enhanced bonding versatility and operating efficiency

- Peak Output Intensity: 6,000 mW/cm<sup>2</sup>
- Curing Modes: 1s/3s
- Wavelength: 440 nm – 480 nm
- Weight : 120g
- Battery: LiFePO<sub>4</sub>
- Recharge Time: 2.5 hours
- Dimensions: 225mm x 25 mm
- Manufacturer Warranty: 2 years

Description	Package Contains	Order Number
FlashMax P4 Light Curing Pen Ortho PRO	1 each	J02130

**FlashMax Accessories**

4 mm tips

50

J02121

8 mm tips

50

J02122



Covers

10

J02123



Shield

1

J02124



Universal disposable light shield

50

J02125

Disposable light sleeves

250

J02126

### Mini Led Ortho 2

Cure in a simple gesture, in few seconds from few brackets to a whole quadrant

- **Large photo-initiator compatibility**  
Relevant wavelength spectrum: Camphoroquinone (CQ) 470nm but also PPD and PAB 430 nm  
Large power range from 1250mW/cm<sup>2</sup> to 3000mW/cm<sup>2</sup>  
Customizable modes to polymerize diverse materials in various clinical situations
- **Ortho friendly**  
Customizable exposure times of 4, 8, 12 and 32 sec, specifically studied to move from one bracket to another or to cure a full arch
- **Customizable signal**  
An alert (beep, micro-flash, mixed or no alert) prompts the user to move to the next curing position every 4 sec
- **Well-balanced combination**  
Cordless light handpiece easy to grip  
Robust body in aluminium  
Li-Ion battery with no memory effect
- **Efficacy and safety**  
Cure any type of material used in orthodontics efficiently and quickly. The absence of UV reduces heat production for maximum comfort and safety
- **Long lasting battery**  
MiniLED Ortho 2 can cure 15 patients at maximum power, no need to recharge it during the day



Description	Package Contains	Order Number
Mini Led Ortho 2 Light Pen	1	ECM8570
Opalescent Tip Ø 5,5 mm, 45°	1	ECM8565

### Light Pen Glasses

Glasses for light pen or plasma

Package Contains	Order Number
1	ECM8521





### Glass Ionomer Cement for Orthodontic Bonding GC Fuji

#### GC Fuji Ortho

- Excellent bond strength even in a humid environment: easy application
- Easy removal of orthodontic appliances: no enamel fractures
- Self-curing
- Long term fluoride release
- No discoloration

Description	Package Contains	Order Number
Powder 40 gr/liquid 2 x 6,8 ml	1	ECM8084
Liquid 23,8 ml (conditioner)	1	ECM8087
Powder 40 gr (refill)	1	ECM8093
Liquid 6,8 ml (refill)	1	ECM8094



#### GC Fuji Ortho LC

- Light curing within 40 sec
- Excellent adhesion even in a humid environment
- Easy removal of orthodontic appliances
- Long term fluoride release
- No discoloration

Description	Package Contains	Order Number
Capsules	50	ECM8085
Powder 15 gr / Liquid 6,8 ml	1	ECM8086
Powder 40 gr (refill)	1	ECM8095
Liquid 6,8 ml (refill)	1	ECM8096



#### GC Fuji OrthoBand

- For bonding of bands and appliances
- Paste pak cartridge delivery
- Optimal handling
- High fluoride release
- Easy removal during application and after debonding

Description	Package Contains	Order Number
Paste pak (2 cartridges 13,3 gr + mixing pads)	1	ECM8092

## Glass Ionomer Cement for Orthodontic Bonding GC Fuji

### GC Fuji I

The biocompatible, resin-free luting solution with 25 years of great clinical success. Fuji I, GC's first luting GI cement, is widely used across the world.

- Chemical adhesion to tooth structure, ensuring an excellent marginal seal
- A moisture-tolerant solution when a dry field cannot be assured
- Quick and easy without the need for etching and bonding of the tooth
- Rubbery consistency during setting for an easy removal of excesses
- Resin-free cement for patients allergic to methacrylates
- Virtually no post-operative sensitivity: a pulp-friendly solution



Description	Package Contains	Order Number
(Powder 15 g, liquid 7 ml, conditioner 6,5 ml & accessories)	1	ECM8088
Package of 50 capsules	1	ECM8090

### GC Fuji PLUS

Fuji PLUS has been designed to offer you simple and error-free cementation procedures and a strong and durable bond you can rely on. The outstanding performance and the availability in various shades make GC Fuji PLUS a multi-purpose cement.

- A moisture-tolerant solution when a dry field cannot be assured
- Quick and easy without a need for complicated bonding procedures
- Rubbery consistency for easy removal of excess
- Pulp-friendly with virtually no post-operative sensitivity
- Proven and predictable performance for most routine cases
- Also available in extended working time (EWT) version for long-span bridges



Description	Package Contains	Order Number
Package of 50 capsules	1	ECM8081
Full kit (powder 15 g, liquid 7 ml, conditioner 6,5 ml & accessories)	1	ECM8082
Capsule applicator	1	ECM8089
Capsule mixer	1	ECM8097

## Glass Ionomer Luting Cement : Aqua Cem

For bands fixation, powder 30g.

Package Contains	Order Number
1	ECM8013

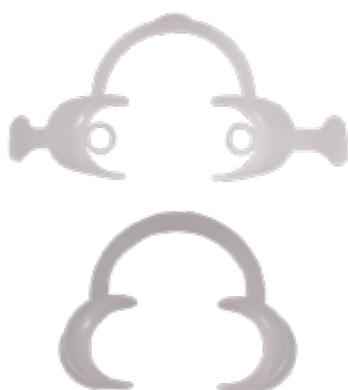




### Unilateral Cheek Retractor

- With an extra long handle. Transparent and non-reflective (blue-tinted)
- Well accepted by the patient
- Can be autoclaved

Description	Package Contains	Order Number
Small size	2	ECM0107
Standard size	2	ECM0108



### Cheek Retractors

- Suction rings allow for use of hands-free suction for increased efficiency
- The addition of handles creates on-demand ability to increase clearance in hard to reach posterior areas
- Two sizes create additional sizing options for patient comfort
- Sterilization and autoclave-approved to increase office efficiency
- Wide opening creates a full view for bonding of anterior and posterior teeth

Description	Package Contains	Order Number
Cheek Retractor with Handle	1	J00405
Cheek Retractor, Adult	1	J00406
Cheek Retractor, Child	1	J00407



### Cheek Retractors

- Made of autoclavable polycarbonate
- Easy to snap into place
- Allows a clear view and working area
- Comfortable for the patient
- Non-reflective, ideal for photography, oral surgery, scaling, restorative bonding, ...
- Sterilisation at 121°C

Description	Package Contains	Order Number
Small size	2	ECM1331
Standard size	2	ECM1330



### Cheek Retractors

- Includes extensions which may be held by the patient.
- Retractor can be widened to suit
- Available in 3 sizes and 5 colors, except ECM1329 (translucent opaque only)
- Cold sterilisation (ECM1326, ECM1327, ECM1328, ECM1329) or at 121°C (ECM1329)

Description	Package Contains	Order Number
Small size (6,5 cm between commissures) (red, green, blue, yellow and white)	2	ECM1326
Medium size (9 cm between commissures) (red, green, blue, yellow and white)	2	ECM1327
Large size (10 cm between commissures) (red, green, blue, yellow and white)	2	ECM1328
Soft medium size (translucent opaque)	2	ECM1329



**Aspiration Cheek Retractor**

- An ideal device for insuring a dry bonding surface
- Autoclavable

Description	Package Contains	Order Number
Aspiration Cheek Retractor	1	ECM1325
Y Connector	1	ECM1325-Y



**Spherical Bur 0.08**

- Designed for the removal of excess composite at the bracket base. air-jet cooling
- Max force: 0,2-0,5 N = 20-50 grs
- Max speed: 5,000 t/min

Description	Package Contains	Order Number
Turbine FG	5	ECM1031
Contra-angle CA	5	ECM1041

**Bur 0.12**

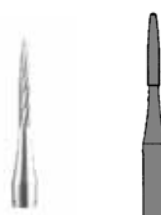
- Designed for the removal of excess composite distant from the bracket. air-jet cooling or spray cooling (50 ml/min. mini).
- Max force: 0,5-1N = 50-100 grs
- Max speed: 10,000 t/min

Description	Package Contains	Order Number
Turbine FG	5	ECM1032
Contra-angle CA	10	ECM1049

**Spherical Bur 0.21**

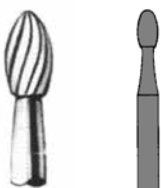
- Permits the removal of excess composite with a minimum risk to the enamel. air-jet or spray cooling (50 ml/min. mini).
- Max force: 0,5-1N = 50-100 grs
- Max speed: 5,000 t/min

Description	Package Contains	Order Number
Contra-angle CA	5	ECM1043

**Bur 0.12**

- Permits the cleaning of inter-proximal sites with minimum risk to the enamel. air-jet or spray cooling (50 ml/min. mini).
- Max force: 0,5-1N = 50-100 grs
- Max speed: 10,000 t/min

Description	Package Contains	Order Number
Turbine FG	5	ECM1039
Contra-angle CA	10	ECM1067

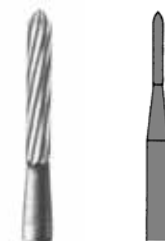
**Burr 0.23**

- Burr provides a high lustre to the enamel surface. Shape adapts to the buccal and lingual surfaces without risk of abrasion to the surrounding tissue
- For use at slow speed and with light pressure. Air-jet cooled
- Max force 0.5-0.5N = 20-50 grs
- Max speed 5,000 t/min

Description	Package Contains	Order Number
Turbine FG	5	ECM1035
Contra-angle CA	5	ECM1045

**Bur 0.12**

- Bur designed for polishing difficult to reach areas.
- Air-jet and spray cooling (50 ml/min).
- Max force: 0,5-1N = 50-100 grs
- Max speed: 10,000 t/min



Description	Package Contains	Order Number
Turbine FG	5	ECM1036
Contra-angle CA	5	ECM1046

**Polishing Bur 0.30**

- 0.7 mm height. Can be used with polishing paste.
- Low pressure 20,000 t/min



Description	Package Contains	Order Number
Turbine FG	5	ECM1037
Contra-angle CA	5	ECM1047



# 10

## WIRES

Wires are a key component of any fixed appliance treatment. Recent metallurgic advances have created many options for today's orthodontists. RMO® is proud to have the most complete wire selection available in the market.

Key characteristics of wire to consider are: strength, stiffness (or its inverse – springiness), range, resilience and formability. Each wire has a unique set of properties, and the orthodontist selects the best option for their patient and treatment philosophy.

## CONTENTS

**201** Nickel Titanium

**206** FLI® Wires

**208** Bentaloy®

**209** TRU-CHROME®

**216** Elgiloy®

**218** Gummetal®

**220** SWLF®

**223** Accessories

## Part Numbers !

RMO® is proud to have the most complete wire selection available in the market. RMO® Europe has adopted a user-friendly reading code for all our arch wires.

The last blocks of the reference **V** or/and **-1** can be provided for most arches.

For example :

**W****O****E****7****4****0****2****-1**

> Wire Orthonal Euro, single packaging (PurePak®)

**W****R****E****2****0****0****4****T**

> Wire Reverse Curve Euro, Preformed Torqued



### Natural

Orthonal® Superelastic NiTi  
 Thermaloy®  
 Thermaloy® Plus  
 FLI® CuNiTi 27, 35, 40  
 Bendaloy®  
 Eligiloy®  
 TRU-CHROME®  
 SWLF® Braided (8 Brins) SS

### Euroform

Orthonal® Superelastic NiTi  
 Thermaloy®  
 Thermaloy® Plus  
 Eligiloy®  
 TRU-CHROME®

### Wide

Orthonal® Superelastic NiTi  
 TRU-CHROME®

### Optima Expanded Synergy R®

Orthonal® Superelastic NiTi  
 Thermaloy® Plus  
 FLI® CuNiTi 27, 35, 40

### Arch Blanks

Maxillary Anterior  
 Torquing (Debnam)  
 Eligiloy®  
 TRU-CHROME® Stainless Steel

**Preformed Penta-Morphic®****Tapered**

NiTi (Orthonol® Dimpled)  
Elgiloy® (Yellow Heat Treated)  
S.S. (TRU-CHROME®)

**Ovoid**

NiTi (Orthonol® Dimpled)  
Elgiloy® (Yellow Heat Treated)  
S.S. (TRU-CHROME®)

**Normal**

NiTi (Orthonol® Dimpled)  
Elgiloy® (Yellow Heat Treated)  
S.S. (TRU-CHROME®)

**Narrow Tapered**

NiTi (Orthonol® Dimpled)  
Elgiloy® (Yellow Heat Treated)  
S.S. (TRU-CHROME®)

**Narrow Ovoid**

NiTi (Orthonol® Dimpled)  
Elgiloy® (Yellow Heat Treated)  
S.S. (TRU-CHROME®)



RMO®'s products are made to inch specifications and are not perfectly interchangeable with products made to metric measurements. The attached tables may be used when product measurement conversions are needed. The figures have been rounded to useable form. It should be noted that when converting from measurements already expressed in millimeters (such as manufacturer's specifications) to inches, a discrepancy due to rounding may occur.

### Common Fractions of an Inch and Decimals to mm

Inches	Millimeters
1/64 (.0156)	.396
1/32 (.0312)	.793
1/16 (.0625)	1.588
1/8 (.1250)	3.175
3/16 (.1875)	4.763
1/4 (.2500)	6.350
5/16 (.3125)	7.938
3/8 (.3750)	9.525
1/2 (.5000)	12.700
5/8 (.6250)	15.875
3/4 (.7500)	19.050
1 (1.000)	25.40

### Conversion of weights avoirdupois

1 pound	=	.4536 kilograms
		16 ounces
		7000 grains
1 ounce	=	28.36 grams
		437.5 grains
1 gram	=	15.432 grains
1 grain	=	.0648 grams
1 pound	=	12 ounces
		5760 grains
1 ounce	=	20 pennyweights
1 grain troy	=	480 grains
		1 grain

### Temperature Fahrenheit to Centigrade

°F	°C	°F	°C	°F	°C
-40	-40	60	15.6	200	93.3
-30	-34.4	70	21.1	300	148.9
-20	-28.9	80	26.7	400	204.4
-10	-23.3	90	32.2	500	260
0	-17.8	100	37.8	600	316
10	-12.2	110	43.3	700	371
20	-6.7	120	48.9	800	427
30	-1.1	130	54.4	900	482
40	4.4	140	60	1000	538
50	10	150	65.6	2000	1093

INCH	MM	GAUGE	INCH	MM	GAUGE	INCH	MM	GAUGE	INCH	MM	GAUGE
.001	.025		.026	.66		.051	1.295	16	.076	1.93	
.002	.051		.027	.686		.052	1.321		.077	1.956	
.003	.076		.028	.711	21	.053	1.346		.078	1.981	
.004	.102		.029	.737		.054	1.372		.079	2.007	
.005	.127		.030	.762		.055	1.397		.080	2.032	
.006	.152		.031	.787		.056	1.422		.081	2.057	12
.007	.178	33	.032	.813	20	.057	1.448	15	.082	2.083	
.008	.203	32	.033	.838		.058	1.473		.083	2.108	
.009	.229	31	.034	.864		.059	1.499		.084	2.134	
.010	.254	30	.035	.889		.060	1.524		.085	2.159	
.011	.279	29	.036	.914	19	.061	1.549		.086	2.184	
.012	.305		.037	.94		.062	1.575		.087	2.210	
.013	.33	28	.038	.965		.063	1.60		.088	2.235	
.014	.356	27	.039	.991		.064	1.626	14	.089	2.261	
.015	.381		.040	1.016	18	.065	1.651		.090	2.286	
.016	.406	26	.041	1.041		.066	1.676		.091	2.311	11
.017	.432		.042	1.067		.067	1.702		.092	2.337	
.018	.457	25	.043	1.092		.068	1.727		.093	2.362	
.019	.483		.044	1.118		.069	1.753		.094	2.388	
.020	.508	24	.045	1.143	17	.070	1.778		.095	2.413	
.021	.533		.046	1.168		.071	1.803		.096	2.438	
.022	.559		.047	1.194		.072	1.829	13	.097	2.464	
.023	.584	23	.048	1.219		.073	1.854		.098	2.489	
.024	.61		.049	1.245		.074	1.880		.099	2.515	
.025	.635	22	.050	1.27		.075	1.905		.102	2.591	

## NiTi (Nickel-Titanium)

NiTi wires were introduced as orthodontic wires due to their unique properties of shape memory and maintaining a constant force over a range of wire deflections to move teeth. RMO® offers many options for wires having low, medium, and high tooth-moving forces. The wire lines were designed with Thermaloy® having the lowest forces with a true heat-activation characteristic in the mouth. Thermaloy® Plus delivers medium forces, while still offering the feel of a thermal-activated wire. Orthonol® delivers high forces and has super elastic properties. Orthonol® has

been used to offer additional arch forms in the Ricketts® Penta-morphic shapes. Wires have been designed and manufactured in a logical and consistent way. In each wire line, a larger wire delivers a greater force. Among wire lines, for the same size wire (for example, 0.16" round or .017" x .025" rectangular), Thermaloy® delivers the lowest force; Thermaloy® Plus delivers a moderate force; and Orthonol® delivers the largest force. This gives the doctor a large number of options in selecting the type and size wire that is right for his/her practice.

## Orthonol® Superelastic Nickel-Titanium

- Nickel-titanium alloys are shape memory alloys
- Orthonol® is superelastic nickel-titanium in preformed natural arch shapes
- Provides an ideal continuous gentle force at a constant, uninterrupted force level for tooth movement
- Reduces chair time by extending time between visits
- Permanent midline etchmarks: Three lines for a maxillary arch, one line for a mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>STRAIGHT LENGTHS 7" (17.8cm)</b>				
.016 x .022	(0.406 x 0.559)	10		E01100



## Preformed Natural Arches

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.012	(0.305)	10	WON7011	WON7031
.014	(0.356)	10	WON7000	WON7020
.016	(0.406)	10	WON7001	WON7021
.018	(0.457)	10	WON7002	WON7022
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WON7004	WON7024
.018 x .018	(0.457 x 0.457)	10	WON7007	WON7027
.020 x .020	(0.508 x 0.508)	10	WON7013	WON7033
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WON7005	WON7025
.017 x .025	(0.432 x 0.635)	10	WON7006	WON7026
.018 x .025	(0.457 x 0.635)	10	WON7008	WON7028
.019 x .025	(0.483 x 0.635)	10	WON7009	WON7029
.021 x .025	(0.533 x 0.635)	10	WON7010	WON7030



## Preformed Euroform Arches

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.012	(0.305)	10	WOE7400	WOE7420
.014	(0.356)	10	WOE7401	WOE7421
.016	(0.406)	10	WOE7402	WOE7422
.018	(0.457)	10	WOE7403	WOE7423
.020	(0.508)	10	WOE7404	WOE7424
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WOE7405	WOE7425
.018 x .018	(0.457 x 0.457)	10	WOE7406	WOE7426
.020 x .020	(0.508 x 0.508)	10	WOE7413	WOE7433
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WOE7407	WOE7427
.014 x .025	(0.356 x 0.559)	10	WOE7412	WOE7432
.017 x .025	(0.406 x 0.559)	10	WOE7408	WOE7428
.018 x .025	(0.457 x 0.635)	10	WOE7409	WOE7429
.019 x .025	(0.483 x 0.635)	10	WOE7410	WOE7430
.021 x .025	(0.533 x 0.635)	10	WOE7411	WOE7431





### Preformed Expanded Arches (Synergy R®)

- Broader than natural arch shape to provide greater expansion
- Superelastic nickel-titanium
- Universal- one arch wire for both maxillary and mandibular
- Permanent midline etchmarks

Inch	Size (mm)	Package Contains	Universal
<b>ROUND</b>			
.013	(0.330)	10	WOW7000
.015	(0.381)	10	WOW7001
.016	(0.406)	10	WOW7002
.018	(0.457)	10	WOW7003
<b>SQUARE</b>			
.016 x .016	(0.406 x 0.406)	10	WOW7004
<b>RECTANGULAR</b>			
.016 x .022	(0.406 x 0.559)	10	WOW7005
.017 x .025	(0.432 x 0.635)	10	WOW7006



### Pre-Torqued Preformed Arches

- Provides the addition of torque into the anterior region while maintaining non-torque in the posterior region
- Nickel-titanium alloys are shape memory alloys
- Provides 20° anterior torque. Three anterior torque lengths available: 28, 34 and 38mm
- Labial or lingual torque forces available by flipping wire orientation

#### Natural

Inch	Size (mm)	Package Contains	Maxillary 34mm	Maxillary 38mm	Mandibular 28mm
.016 x .022	(0.406 x 0.559)	5	A07803	A07806	A07800
.017 x .025	(0.432 x 0.635)	5	A07804	A07807	A07801
.019 x .025	(0.483 x 0.635)	5	A07805	A07808	A07802

#### Reverse

Inch	Size (mm)	Package Contains	Maxillary 34mm	Maxillary 38mm	Mandibular 28mm
.016 x .025	(0.432 x 0.635)	5	WRE2003T	WRE2004T	WRE2002T
.017 x .025	(0.483 x 0.635)	5	WRE2000T	WRE2001T	



### Preformed Wide Arches

Inch	Size (mm)	Package Contains	Universal
<b>ROUND</b>			
.012	(0.305)	1	A07630
.014	(0.356)	1	A07631
.016	(0.406)	1	A07632
.018	(0.457)	1	A07633
<b>RECTANGULAR</b>			
.016 x .022	(0.406 x 0.559)	1	A07637

## Reverse Vector Arches

- Increases efficiency in closing anterior open bites and correcting excessive overbites
- Employs curve of spee to eliminate the need for step downs, step ups and other varieties of activating loops to correct overbites
- Leveling by extrusion (relative intrusion) can now be accomplished by one continuous reverse vector
- Minimizes molar rotation
- Controls incisor torque
- Permanent midline etchmarks: three lines for maxillary, one line for mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.014	(0.356)	10	WRN7050	WRN7070
.016	(0.406)	10	WRN7051	WRN7071
.018	(0.457)	10	WRN7052	WRN7072
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WRN7054	WRN7074
.020 x .020	(0.508 x 0.508)	10		WRN7080
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WRN7055	WRN7075
.017 x .025	(0.432 x 0.635)	10	WRN7056	WRN7076
.018 x .025	(0.457 x 0.635)	10	WRN7058	WRN7078
.019 x .025	(0.483 x 0.635)	10	WRN7059	WRN7079



## Penta-Morphic® Arches (Ricketts®)

- Finishing arches for post-treatment provide long-term stability
- Five arch forms: normal, tapered, ovoid, narrow tapered and narrow ovoid
- Tooth size, facial type, and other morphological considerations have been built into the five forms
- Distal length for individualized bends or continuation to second molar
- Maxillary or mandibular
- Orthonal (nickel-titanium) "dimpled" midline



	Package Contains	Square .016" x .016" (0.406 x 0.406mm)	Rectangular .016" x .022" (0.406 x 0.559 mm)	Rectangular .017" x .025" (0.432 x 0.635 mm)	Round .012" (0.305 mm)	Round .014" (0.356 mm)	Round .016" (0.406 mm)	Round .018" (0.457 mm)
Normal	10	WOP1520V	WOP1530V	WOP1535V	WOP1515V	WOP1500V	WOP1505V	WOP1510V
Ovoid	10	WOP1521V	WOP1531V	WOP1536V	WOP1516V	WOP1501V	WOP1506V	WOP1511V
Narrow tapered	10	WOP1522V	WOP1532V	WOP1537V	WOP1517V	WOP1502V	WOP1507V	WOP1512V
Tapered	10	WOP1523V	WOP1533V	WOP1538V		WOP1503V	WOP1508V	WOP1513V
Narrow Ovoid	10	WOP1524V	WOP1534V	WOP1539V		WOP1504V	WOP1509V	WOP1514V

**Thermaloy® (Thermal Activated Nickel-Titanium) Plus**

- Some thermal properties at room temperature; superelastic in the mouth
- For clinicians who want a higher force in a small round wire than a true thermal activated wire
- Forces intermediate between Thermaloy and Orthonol
- Easier insertion than a superelastic wire
- Forces delivered to teeth that compare to other intermediate force brands
- Bulk and convenient single wire packaging ten wires to a box
- Permanent midline etchmarks: three lines for maxillary arch, one line for mandibular arch

**Preformed Natural Arches**

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.013	(0.330)	10	WPN7700	WPN7720
.014	(0.356)	10	WPN7701	WPN7721
.015	(0.381)	10	WPN7702	WPN7722
.016	(0.406)	10	WPN7703	WPN7723
.018	(0.457)	10	WPN7704	WPN7724
.020	(0.508)	10	WPN7710	WPN7730
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WPN7705	WPN7725
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WPN7706	WPN7726
.017 x .025	(0.432 x 0.635)	10	WPN7707	WPN7727
.018 x .025	(0.457 x 0.635)	10	WPN7708	WPN7728
.019 x .025	(0.483 x 0.635)	10	WPN7709	WPN7729

**Preformed Euroform Arches**

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.012	(0.305)	10	WPE7750	WPE7770
.013	(0.330)	10	WPE7740	WPE7760
.014	(0.356)	10	WPE7741	WPE7761
.016	(0.406)	10	WPE7743	WPE7763
.018	(0.457)	10	WPE7744	WPE7764
.020	(0.508)	10	WPE7751	WPE7771
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WPE7745	WPE7765
.018 x .018	(0.457 x 0.457)	10	WPE7752	WPE7772
.020 x .020	(0.508 x 0.508)	10	WPE7753	WPE7773
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WPE7746	WPE7766
.017 x .025	(0.432 x 0.635)	10	WPE7747	WPE7767
.018 x .025	(0.457 x 0.635)	10	WPE7748	WPE7768
.019 x .025	(0.483 x 0.635)	10	WPE7749	WPE7769
.021 x .025	(0.533 x 0.635)	10	WPE7755	WPE7775

**Preformed Expanded Arches (Optima)**

Inch	Size (mm)	Package Contains	Universal
<b>ROUND</b>			
.013	(0.330)	10	WPO7650
.014	(0.356)	10	WPO7651
.016	(0.406)	10	WPO7652
.018	(0.457)	10	WPO7653
<b>SQUARE</b>			
.016 x .016	(0.406 x 0.406)	10	WPO7655
.020 x .020	(0.508 x 0.508)	10	WPO7665
<b>RECTANGULAR</b>			
.016 x .022	(0.406 x 0.559)	10	WPO7659
.014 x .025	(0.356 x 0.635)	10	WPO7658
.016 x .025	(0.406 x 0.635)	10	WPO7660
.017 x .025	(0.432 x 0.635)	10	WPO7661
.018 x .025	(0.457 x 0.635)	10	WPO7662
.019 x .025	(0.483 x 0.635)	10	WPO7663
.021 x .025	(0.533 x 0.635)	10	WPO7664



**Thermaloy® (Thermal Activated Nickel-Titanium)**

- Pliable at room temperature and superelastic at body temperature
- Can be used as an initial arch wire for treatment
- Same elastic working range as superelastic with lower forces
- Can be used earlier in treatment to provide tongue control
- Easier to ligate in severely maligned cases and impacted canines
- Increases patient comfort
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch
- Bulk and convenient single wire packaging ten wires to a box

**Preformed Natural Arches**

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.012	(0.305)	10	WTN7309	WTN7329
.013	(0.330)	10	WTN7310	WTN7330
.014	(0.356)	10	WTN7300	WTN7320
.015	(0.381)	10	WTN7311	WTN7331
.016	(0.406)	10	WTN7301	WTN7321
.017	(0.432)	10	WTN7312	WTN7332
.018	(0.457)	10	WTN7302	WTN7322
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WTN7303	WTN7323
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WTN7304	WTN7324
.017 x .025	(0.432 x 0.365)	10	WTN7305	WTN7325
.018 x .025	(0.457 x 0.635)	10	WTN7306	WTN7326
.019 x .025	(0.483 x 0.635)	10	WTN7307	WTN7327
.021 x .025	(0.533 x 0.635)	10	WTN7308	WTN7328

**Preformed Euroform Arches**

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.012	(0.305)	10	WTE5349	WTE5369
.013	(0.330)	10	WTE5382	WTE5383
.014	(0.356)	10	WTE5350	WTE5370
.016	(0.406)	10	WTE5351	WTE5371
.018	(0.457)	10	WTE5352	WTE5372
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WTE5353	WTE5373
.018 x .018	(0.457 x 0.457)	10	WTE5354	WTE5374
.020 x .020	(0.508 x 0.508)	10	WTE5360	WTE5380
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WTE5355	WTE5375
.014 x .025	(0.356 x 0.635)	10	WTE5345	WTE5385
.016 x .025	(0.406 x 0.635)	10	WTE5346	WTE5386
.017 x .025	(0.432 x 0.635)	10	WTE5356	WTE5376
.018 x .025	(0.457 x 0.635)	10	WTE5357	WTE5377
.019 x .025	(0.483 x 0.635)	10	WTE5358	WTE5378
.021 x .025	(0.533 x 0.635)	10	WTE5359	WTE5379





## FLI® Copper Nickel-Titanium Wire Overview

FLI Copper Nickel-Titanium is the newest addition to RMO®'s extensive line of archwires providing flexible treatment options with a wide selection of forces and wire sizes. The addition of copper to nickel-titanium alloy enhances the thermal properties of the wire while maintaining precise control of forces. Enhanced resistance to permanent deformation and smooth progression of transformation temperatures yielding an expected feel in hand makes FLI Copper Nickel-Titanium the ideal treatment solution for any office. Materials: Copper Nickel-Titanium, 49.1% Ni, 44.5% Ti, 6% Cu, Balance Cr (nominal composition). Transformation Temperatures: 27°C Highest Force Levels, 35°C Medium Force Levels, 40°C Lower Force Levels.

### FLI® Copper Nickel-Titanium 27°C Preformed Natural Arches



Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.013	(0.330)	10	WCN7819	WCN7829
.014	(0.356)	10	WCN7820	WCN7830
.016	(0.406)	10	WCN7821	WCN7831
.018	(0.457)	10	WCN7822	WCN7832
<b>RECTANGULAR</b>				
.014 x .025	(0.356 x 0.635)	10	WCN7823	WCN7833
.016 x .022	(0.406 x 0.559)	10	WCN7824	WCN7834
.017 x .025	(0.432 x 0.635)	10	WCN7826	WCN7836
.018 x .025	(0.457 x 0.635)	10	WCN7827	WCN7837
.019 x .025	(0.483 x 0.635)	10	WCN7828	WCN7838

### FLI® Copper Nickel-Titanium 27°C Preformed Expanded Arches (Optima)



<b>ROUND</b>				
.013	(0.330)	10	WCO7030	
.014	(0.356)	10	WCO7031	
.016	(0.406)	10	WCO7032	
.018	(0.457)	10	WCO7033	
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WCO7037	
.014 x .025	(0.356 x 0.635)	10	WCO7034	
.016 x .025	(0.406 x 0.635)	10	WCO7035	
.017 x .025	(0.432 x 0.635)	10	WCO7038	
.018 x .025	(0.457 x 0.635)	10	WCO7036	

### FLI® Copper Nickel-Titanium 35°C Preformed Natural Arches



<b>ROUND</b>				
.016	(0.406)	10		WCN7850
.018	(0.457)	10	WCN7841	WCN7851
<b>SQUARE</b>				
.020 x .020	(0.508 x 0.508)	10	WCN7843	WCN7853
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WCN7844	WCN7854
.017 x .025	(0.432 x 0.635)	10	WCN7845	WCN7855
.018 x .025	(0.457 x 0.635)	10	WCN7846	WCN7856
.019 x .025	(0.483 x 0.635)	10	WCN7847	WCN7857

### FLI® Copper Nickel-Titanium 40°C Preformed Natural Arches



<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WCN7860	WCN7870
.017 x .025	(0.432 x 0.635)	10	WCN7861	WCN7871
.019 x .025	(0.483 x 0.635)	10	WCN7862	WCN7872
.021 x .025	(0.533 x 0.635)	10	WCN7863	WCN7873



## FLI® Wire Orthonol® Nickel-Titanium Preformed Natural Aesthetic Coated Arch Wires

- Natural appearance that will last until your next wire change
- Maintains expected wire properties and performance characteristics of the wire
- Coating on labial surface only
- Nickel-titanium alloys are shape memory alloys
- Orthonol® is superelastic nickel-titanium in preformed natural arch shapes
- Provides an ideal continuous gentle force at a constant, uninterrupted force level for tooth movement
- Reduces chair time by extending time between visits

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.012	(0.305)	10	A07011-A	A07031-A
.014	(0.356)	10	A07000-A	A07020-A
.016	(0.406)	10	A07001-A	A07021-A
.018	(0.457)	10	A07002-A	A07022-A
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	A07004-A	A07024-A
.020 x .020	(0.508 x 0.508)	10	A07013-A	A07033-A
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	A07005-A	A07025-A
.017 x .025	(0.432 x 0.635)	10	A07006-A	A07026-A
.018 x .025	(0.457 x 0.635)	10	A07008-A	A07028-A
.019 x .025	(0.483 x 0.635)	10	A07009-A	A07029-A



### Bendaloy® Titanium - Molybdenum Based Alloy Preformed Natural Arches

- Bendaloy® is a nickel-free material that is ideally suited for patients with high sensitivity or reactions to nickel content
- Large springback provides better control over tooth movement
- Minimizes adjustment intervals
- With less stiffness than stainless steel, it allows wires to fill the bracket for control with lighter forces
- Is formable and capable of being formed into complicated configurations without fracture
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch
- Bendaloy® Round is ideal for alignment, rotations, retractions and finishing
- Bendaloy® Rectangle is ideal for torquing, rotations, retractions and finishing



	Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>					
	.016	(0.406)	10	WBN7121	WBN7130
	.018	(0.457)	10	WBN7122	WBN7131
<b>SQUARE</b>					
	.016 x .016	(0.406 x 0.406)	10	WBN7124	WBN7133
	.018 x .018	(0.457 x 0.457)	10	WBN7123	WBN7139
<b>RECTANGULAR</b>					
	.016 x .022	(0.406 x 0.559)	10	WBN7125	WBN7134
	.017 x .025	(0.432 x 0.635)	10	WBN7126	WBN7135
	.018 x .025	(0.457 x 0.635)	10	WBN7127	WBN7136
	.019 x .025	(0.483 x 0.635)	10	WBN7128	WBN7137
	.021 x .025	(0.533 x 0.635)	10	WBN7129	WBN7138

### Bendaloy® Titanium - Molybdenum Based Alloy Preformed Euroform Arches



	Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>RECTANGULAR</b>					
	.019 x .025	(0.483 x 0.635)	10	WBE7128	WBE7137

### Bendaloy® Titanium - Molybdenum Based Alloy, Straight Lengths, 14" (35.56cm)

- Bendaloy Rectangular/Square Lengths are ideal for torquing, rotations, retractions and finishing



	Inch	Size (mm)	Package Contains	Order number
<b>ROUND</b>				
	.016	(0.406)	10	WBL0620
	.018	(0.457)	10	WBL0621
	.027	(0.686)	10	WBL0625
	.032	(0.813)	10	WBL0626
	.036	(0.914)	10	WBL0627
<b>SQUARE</b>				
	.016 x .016	(0.406 x 0.406)	10	WBL0622
	.0175 x .0175	(0.445 x 0.445)	10	WBL0628
<b>RECTANGULAR</b>				
	.016 x .022	(0.406 x 0.559)	10	WBL0623
	.017 x .025	(0.432 x 0.635)	10	WBL0624
	.018 x .025	(0.457 x 0.635)	10	WBL7157
	.019 x .025	(0.483 x 0.635)	10	WBL7158

### Bendaloy® Titanium - Molybdenum Preformed Natural Looped Arches

- Fast space closure, anchorage, vertical movement of the incisors
- Permanent midline etchmarks; three lines for maxillary arch, one line for mandibular arch



	Inch	Size (mm)	Package Contains	Maxillary	Loop to Loop (mm)	Mandibular	Loop to Loop (mm)
	.017 x .025	(0.432 x 0.635)	5	WBN1210L	(34)		
	.017 x .025	(0.432 x 0.635)	5	WBN1211L	(36)		
	.017 x .025	(0.432 x 0.635)	5	WBN1212L	(38)		
	.019 x .025	(0.483 x 0.635)	5			WBN1197L	(28)
	.019 x .025	(0.483 x 0.635)	5	WBN1200L	(34)		
	.019 x .025	(0.483 x 0.635)	5	WBN1201L	(36)		
	.019 x .025	(0.483 x 0.635)	5	WBN1202L	(38)		

## TRU-CHROME® Development

Wire has been basic to orthodontics since its beginning. By serving as holding, anchoring and spring elements, the orthodontist is able to stimulate tooth movement predictably and precisely.

In developing specialty wires for modern orthodontics, several considerations are involved:

- Semantic problem of matching requirements and terminology of orthodontics with engineering terms and tests.
- Selecting the best alloys, tempers, sizes, etc.
- Engineering procedures and quality controls for accuracy and dependability.
- Refinement of time-saving instruments, equipment and handling techniques to assure best results.

In the selection here, you will find the most complete choice of controlled quality wire for all techniques.

The success of chrome alloy stainless steel in orthodontics lies in the keen combination of delicacy and strength. It possesses, to an unusual degree, those three requisites of an orthodontic metal—hardness, elastic limit and tensile strength.

## TRU-CHROME® Stainless Steel Wire

TRU-CHROME® stainless steel wire is a stable, consistent, predictable performance wire, offered in four tempers. Quality controls are the tightest of any stainless steel wire in the industry.

### Resilient Arch Wire Temper

Resilient arch wire temper is available in preformed arch blanks and is used in some special wire forms, depending on the suitability for the desired usage. Straight lengths are provided for those who prefer forming their own arch wires.

### Retainer Wire or No. 2 Temper

Retainer wire or No. 2 temper stainless steel wire has a softer temper than arch wire temper, which enables the operator to more easily form the wire into retainer appliances. Forming the wire work-hardens it and provides a working resiliency for retainer appliances.

### Clasp Wire Temper

Clasp wire is a stainless steel wire between the resilient arch wire temper and the retainer wire temper. It is soft enough to be instrument-formed to the clasp configuration and, in forming, gains sufficient hardening from pliering to have a satisfactory spring resiliency for clasps.

### Ligature Wire Temper

Ligature Wire is a stainless steel wire of “dead-soft” temper that allows ligating and tying to be done with minimal work-hardening of the wire.

## Stainless Steel Wire Properties

### Composition of TRU-CHROME®

	Type 302	Type 304
Carbon	0.08-0.20	0.08 max
Manganese	2.00 max	2.00 max
Silicon	1.00 max	1.00 max
Phosphorus	0.040 max	0.040 max
Sulphur	0.030 max	0.030 max
Chromium	17-19	18-30
Nickel	8-10	8-10
Iron	Balance	Balance

**TRU-CHROME® Stainless Steel Preformed Natural Arches**

- TRU-CHROME® preformed natural arches can be easily soldered, stress relieved, and spot welded
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch

TRU-CHROME®	Inch	Size (mm)	Package Contains	Maxillary	Mandibular
TRU-CHROME®	<b>ROUND</b>				
	.014	(0.356)	100	WSN7201-2	WSN7221-2
	.016	(0.406)	100	WSN7202-2	WSN7222-2
	.018	(0.457)	100	WSN7203-2	WSN7223-2
	.020	(0.508)	100	WSN7204-2	WSN7224-2
	<b>SQUARE</b>				
	.016 x .016	(0.406 x 0.406)	10	WSN7205	WSN7225
	.018 x .018	(0.457 x 0.457)	10	WSN7206	WSN7226
	.019 x .019	(0.483 x 0.483)	10	WSN7212	WSN7232
	.020 x .020	(0.508 x 0.508)	10	WSN7213	WSN7233
	<b>RECTANGULAR</b>				
	.016 x .022	(0.406 x 0.559)	10	WSN7207	WSN7227
	.017 x .025	(0.432 x 0.635)	10	WSN7208	WSN7228
	.018 x .025	(0.457 x 0.635)	10	WSN7209	WSN7229
	.019 x .025	(0.483 x 0.635)	10	WSN7210	WSN7230
	.021 x .025	(0.533 x 0.635)	10	WSN7211	WSN7231

**TRU-CHROME® Stainless Steel Preformed Euroform Arches**

TRU-CHROME®	Inch	Size (mm)	Package Contains	Maxillary	Mandibular
TRU-CHROME®	<b>ROUND</b>				
	.014	(0.356)	100	WSE7251-2	WSE7271-2
	.016	(0.406)	100	WSE7252-2	WSE7272-2
	.018	(0.457)	100	WSE7253-2	WSE7273-2
	.020	(0.508)	100	WSE7254-2	WSE7274-2
	<b>SQUARE</b>				
	.016 x .016	(0.406 x 0.406)	10	WSE7255	WSE7275
	.018 x .018	(0.457 x 0.457)	10	WSE7256	WSE7276
	.019 x .019	(0.483 x 0.483)	10	WSE7262	WSE7282
	<b>RECTANGULAR</b>				
	.016 x .022	(0.406 x 0.559)	10	WSE7257	WSE7277
	.017 x .022	(0.432 x 0.559)	10	WSE7263	WSE7283
	.017 x .025	(0.432 x 0.635)	10	WSE7258	WSE7278
	.018 x .025	(0.457 x 0.635)	10	WSE7259	WSE7279
	.019 x .025	(0.483 x 0.635)	10	WSE7260	WSE7280
	.021 x .025	(0.533 x 0.635)	10	WSE7261	WSE7281

**Penta-Morphic® Arches (Ricketts®) TRU-CHROME® Stainless Steel**

- Finishing arches for post-treatment provide long-term stability
- Five arch forms: normal, tapered, ovoid, narrow tapered and narrow ovoid
- Tooth size, facial type, and other morphological considerations have been built into the five forms
- Distal length for individualized bends or continuation to second molar
- Permanent midline etchmark on universal maxillary/mandibular

TRU-CHROME®	Inch	Size (mm)	Package Contains	Normal	Narrow Tapered
TRU-CHROME®	<b>ROUND</b>				
	.016	(0.406)	10	E01010	
	<b>RECTANGULAR</b>				
	.016 x .022	(0.406 x 0.559)	10		E00654
	.017 x .025	(0.432 x 0.635)	10	E00661	
	.019 x .025	(0.483 x 0.635)	10		E01048

**FLI® Wire TRU-CHROME® Stainless Steel Preformed Natural Aesthetic Coated Arch Wires**

- Natural appearance that will last until your next wire change
- Maintains expected wire properties and performance characteristics of the wire
- Coating on labial surface only

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.014	(0.356)	10	A07201-A	A07221-A
.016	(0.406)	10	A07202-A	A07222-A
.018	(0.457)	10	A07203-A	A07223-A
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	A07205-A	A07225-A
.020 x .020	(0.508 x 0.508)	10	A07213-A	A07233-A
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	A07207-A	A07227-A
.017 x .025	(0.432 x 0.635)	10	A07208-A	A07228-A
.018 x .025	(0.457 x 0.635)	10	A07209-A	A07229-A
.019 x .025	(0.483 x 0.635)	10	A07210-A	A07230-A

**TRU-CHROME®****TRU-CHROME® Stainless Steel Anterior Arch Blanks**

- All arch blanks are anterior contour (3 x 3) with midline etchmarks: three lines for a maxillary arch, and one line for a mandibular arch
- TRU-CHROME® stainless steel arch blanks can be easily soldered, stress relieved and spot welded

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.016	(0.406)	100	WSB0781-2	WSB0786-2
.018	(0.457)	100	WSB0782-2	WSB0787-2
.020	(0.508)	100	WSB0783-2	WSB0788-2
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WSB0819	WSB0824
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WSB0798	WSB0808
.017 x .025	(0.432 x 0.635)	10	WSB0800	WSB0810
.018 x .022	(0.457 x 0.559)	10	WSB0801	WSB0811
.018 x .025	(0.457 x 0.635)	10	WSB0802	WSB0812
.019 x .026	(0.483 x 0.660)	10	WSB0803	

**TRU-CHROME®****Maxillary Anterior Torquing Arch (Debnam)**

Description	Package Contains	.018" (0.457mm)	.020" (0.508mm)
TRU-CHROME® Stainless Steel	5	E00610	E00611



**TRU-CHROME® Stainless Steel Wire  
Round, 14" (35.56cm) Lengths**

Inch	Size (mm)	Package Contains	Resilient Wire
.012	(0.305)	30	E00005
.014	(0.356)	30	E00007
.016	(0.406)	30	E00009
.018	(0.457)	20	E00010
.020	(0.508)	20	E00011
.022	(0.559)	20	E00013
.025	(0.635)	10	E00015
.028	(0.711)	10	E00016
.030	(0.762)	10	E00017
.032	(0.813)	10	E00018
.036	(0.914)	10	E00019
.040	(1.016)	6	E00020
.045	(1.143)	6	E00021
.050	(1.270)	5	E00022
.060	(1.524)	5	E00024

**TRU-CHROME® Stainless Steel Wire  
Square (Square cornered), 14" (35.56cm) Lengths**

.016 x .016	(0.406 x 0.406)	10	E00313
.017 x .017	(0.432 x 0.432)	10	E00314

**TRU-CHROME® Stainless Steel Wire  
Rectangular (Square cornered), 14" (35.56cm) Lengths**

.016 x .022	(0.406 x 0.559)	10	E00098
.017 x .022	(0.432 x 0.559)	10	E00099
.017 x .025	(0.432 x 0.635)	10	E00311
.018 x .022	(0.457 x 0.559)	10	E00096
.018 x .025	(0.457 x 0.635)	10	E00097
.019 x .026	(0.483 x 0.660)	10	E00095
.021 x .025	(0.533 x 0.635)	10	E00090

**TRU-CHROME® Stainless Steel Wire  
Flat Ribbon Arch, 14" (35.56cm) Lengths**

.015 x .036	(0.381 x 0.914)	20	E00117
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**TRU-CHROME® Stainless Steel Preformed Wide Arches**

Inch	Size (mm)	Package Contains	Universal
<b>ROUND</b>			
.016	(0.406)	1	A07662
.018	(0.457)	1	A07663
<b>RECTANGULAR</b>			
.016 x .022	(0.406 x 0.559)	1	A07667

**TRU-CHROME® Stainless Steel Retainer Wire Round, 14" (35.56cm) Lengths, No. 2 Temper**

- Retainer Wire, No. 2 Temper is softer than arch wire, which enables the operator to more easily form the wire into retainer appliances
- Forming of the wire work-hardens the wire and provides a working resiliency for those types of appliances

Inch	Size (mm)	Package Contains	Order Number
.028	(0.711)	10	E00080
.030	(0.762)	10	E00081
.032	(0.813)	10	E00082
.036	(0.914)	10	E00083
.040	(1.016)	6	E00084

**TRU-CHROME® Stainless Steel Retainer Clasp Wire Round, 12" (30cm) Lengths, Clasp Wire Temper**

- Clasp Wire Temper is between the resilient arch wire and the retainer wire
- It is soft enough to be instrument formed to the clasp configuration
- Forming gains sufficient hardening for the pliering to have satisfactory spring resiliency for clasp

Inch	Size (mm)	Gauge	Package Contains	Round	Half Round
.036	(0.914)	19	5	E00063	
.040	(1.016)	18	5	E00062	

**Ligature Wire, TRU-CHROME® Stainless Steel – Dead soft**

Inch	Size (mm)	Package Contains	Order Number
<b>1 OZ. (28.4g) SPOOL</b>			
.007	(0.178)	1	E00120
.008	(0.203)	1	E00121
.009	(0.229)	1	E00122
.010	(0.254)	1	E00123
.012	(0.305)	1	E00125
.014	(0.356)	1	E00126
.016	(0.406)	1	E00128
.018	(0.457)	1	E00129
.020	(0.508)	1	E00130
<b>1 LB. (.454kg) SPOOL</b>			
.009	(0.229)	1	E00133
.010	(0.254)	1	E00134

TRU-CHROME®



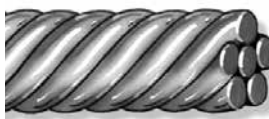




### TRI-FLEX Twisted Wire

Tri-Flex (3 strands) is spring-tempered, twisted leveling wire for early treatment stages. It bends readily and can accept great deflection before its limit is reached. It provides gentle force and will not unravel or fray when cut.

Inch	Size (mm)	Package Contains	Order Number
<b>ROUND (14" (35.56cm) STRAIGHT LENGTHS)</b>			
.0155	(0.394)	10	E00175
.0175	(0.445)	10	E00176
.0195	(0.495)	10	E00177
.0215	(0.546)	10	E00178



### SUPRA-FLEX™ Twisted Wire

Supra-Flex (6 strands) is cable-designed, initial stage arch wire with five exterior wires helically wound around a core wire. It can be flexed to a great degree without taking a set. It delivers constant uniform light force over a long period of time and does not fray when cut.

Inch	Size (mm)	Package Contains	Order Number
<b>ROUND (14" (35.56cm) STRAIGHT LENGTHS)</b>			
.0155	(0.394)	10	W6L0179
.0175	(0.445)	10	E00180
.0195	(0.495)	10	W6L0181
.0215	(0.546)	10	W6L0182



### FLEX-VIII™ Braided Wire

Flex-VIII (8 strands) is a braided wire for unscrambling and leveling.

Inch	Size (mm)	Package Contains	Order Number
<b>SQUARE (PREFORMED ARCHES)</b>			
.016 x .016	(0.406 x 0.406)	10	W8S1400
<b>RECTANGULAR (PREFORMED ARCHES)</b>			
.016 x .022	(0.406 x 0.559)	10	W8S1401
.017 x .025	(0.432 x 0.635)	10	W8S1403
.018 x .025	(0.457 x 0.635)	10	W8S1404
.019 x .025	(0.483 x 0.635)	10	W8S1405

## Elgiloy® Wire

Elgiloy® wire is a premium, specially-fabricated wire in four tempers. Each Elgiloy® wire type has separate characteristics. Wire forms made from Elgiloy® can be heat-treated, depending on the desired application. It's toughness and flexibility are easily discernible with use. Elgiloy® wire is superior, as furnished, for forming, and in performance time during treatment. All tempers have the unique capability of beginning as a "softer" easily handled wire. Because Elgiloy® wire can be used as is or heat-treated, it provides flexibility and control in force applications.

### Elgiloy® Development

RMO® was selected to develop Elgiloy® for orthodontics because of its leadership in developing new materials for the profession. This "wonder metal", developed by the Elgin National Company as the "Heart That Never Breaks" in modern precision time pieces, is not a stainless steel. It is a patented cobalt-base alloy compounded of eight materials (cobalt 40%; chromium 20%; nickel 15%; molybdenum 7%; manganese 2%; beryllium .04%; carbon .15%; and iron 15.81%).

### Elgiloy® Offers Orthodontists Particular Advantages

- Superior physical properties
- Longer functioning as a resilient spring wire without distortion or fatigue
- Easy soldering without annealing
- Easy heat-treating to increase physical properties
- Simple electrolyte polishing

Maximum properties are not necessarily best for all orthodontic purposes. Full spring qualities are excellent for small diameter arch wires and coil springs, but larger wires of full spring temper are impossible to handle. It follows that the best qualities for a particular alloy form vary according to the work to be done to the material and the final usage. Recognizing this, RMO® developed a series of different types of Elgiloy® wires—each fabricated for specific applications and each identified by a color marking on the end.

With a wide range of carefully engineered wire types, orthodontists can take full advantage of Elgiloy®'s superiority and versatility, whatever their techniques.

### Elgiloy® Wire Properties

- **Set resistance** – Retains power longer than stainless steel
- **Fatigue resistance** – More cycles than stainless steel without breakage
- **Greater spring efficiency** – Up to 20% more power than spring steel without an increase in dimensions
- **Corrosion resistance** – Outperforms chrome stainless steel by 17%
- **Non-magnetic** – Non-magnetic through all temperature ranges

### How to Use Elgiloy®

- **Blue** – Blue Elgiloy® is initially the softest of the tempers. It can be welded with low heat, and soldered without embrittling. Blue Elgiloy® is recommended when the wire to be used is over .020" (0.508mm) or when the wire requires considerable bending, welding or soldering. Excellent for edgewise arches, lingual arches, retainers and removables.
- **Yellow** – Yellow Elgiloy® is initially ductile and slightly harder than Blue Elgiloy®. Using caution, you can spot-weld and solder to large Yellow Elgiloy wires, .021" x .025"; .030"; .036" (0.533mm x 0.635mm; 0.762mm; 0.914mm), without embrittling them. Some practitioners use Yellow as furnished, but it can be heat-treated if greater resiliency or spring performance is required. After heat-treating, Yellow Elgiloy® can be adjusted slightly, but should not sharply. It is excellent for flat wire techniques. Yellow Elgiloy® is recommended where greater spring qualities are needed than those provided by Blue Elgiloy®.
- **Green** – Green Elgiloy® is initially semi-resilient and will temper comparable to high springtempered steel wires. It can be shaped easily with the fingers and can be plier-manipulated before heat-treating.
- **Red** – Red Elgiloy® is initially "hard" with exceptionally high spring qualities. It is not recommended for heat-treating. Use where adjustments will not be required after heat-treating.

### Elgiloy® Preformed Arches

- Maxillary and mandibular arches are distinguished by permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch
- Elgiloy® arches are delivered unheat-treated, allowing complex bends and loops to be easily made. After bending, Elgiloy® arches can be heat-treated to increase their springiness

#### Preformed Natural Arches

Inch	Size (mm)	Package Contains	Blue Elgiloy® Max.	Blue Elgiloy® Man.	Green Elgiloy® Max.	Green Elgiloy® Man.
<b>ROUND</b>						
.016	(0.406)	100			A07502	A07522
.018	(0.457)	100			A07503	A07523
<b>SQUARE</b>						
.016 x .016	(0.406 x 0.406)	10	A07505	A07525		
<b>RECTANGULAR</b>						
.016 x .022	(0.406 x 0.559)	10	A07507	A07527		
.017 x .025	(0.432 x 0.635)	10	A07508	A07528		
.018 x .025	(0.457 x 0.635)	10	A07509	A07529		

#### Preformed Euroform Arches

Inch	Size (mm)	Package Contains	Blue Elgiloy® Max.	Blue Elgiloy® Man.	Green Elgiloy® Max.	Green Elgiloy® Man.
<b>ROUND</b>						
.018	(0.457)	100			A07553	A07573
<b>SQUARE</b>						
.016 x .016	(0.406 x 0.406)	10	A07555	A07575		
<b>RECTANGULAR</b>						
.016 x .022	(0.406 x 0.559)	10	A07557	A07577		
.017 x .025	(0.432 x 0.635)	10	A07558	A07578		
.018 x .025	(0.457 x 0.635)	10		A07579		

#### Elgiloy® Arch Blanks

- Maxillary and mandibular arches are distinguished by permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch
- Elgiloy® arch blanks are packaged in their unheat-treated state making complex bends and loops easier. After bending Elgiloy®, arches can be heat-treated to increase their springiness
- Blue Elgiloy® arches can be welded with low heat and soldered without embrittling
- Yellow Elgiloy® arches are slightly harder than blue. Using caution, they can be spot welded and soldered without embrittling

Inch	Size (mm)	Package Contains	Blue Elgiloy® Max.	Blue Elgiloy® Man.	Yellow Elgiloy® Max.	Yellow Elgiloy® Man.	Green Elgiloy® Max.	Green Elgiloy® Man.
<b>ROUND</b>								
.016	(0.406)	100					A00861	A00866
<b>SQUARE</b>								
.016 x .016	(0.406 x 0.406)	10	A00917	A00922	A00907	A00912		
<b>RECTANGULAR</b>								
.016 x .022	(0.406 x 0.559)	10	A00888	A00897	A00870	A00879		
.017 x .025	(0.432 x 0.635)	10	A00890	A00899				
.018 x .025	(0.457 x 0.635)	10	A00892	A00901				
.019 x .026	(0.483 x 0.660)	10	A00893	A00902				

ELGILOY®

**Penta-Morphic® Arches (Ricketts®)**

- Finishing arches for post-treatment provide long-term stability
- Five arch forms: normal, tapered, ovoid, narrow tapered and narrow ovoid
- Tooth size, facial type, and other morphological considerations have been built into the five forms
- Distal length for individualized bends or continuation to second molar
- Yellow Elgiloy® Penta-Morphic arches are heat-treated to maintain form and resiliency

Inch	Size (mm)	Package Contains	Normal	Tapered	Ovoid	Narrow Tapered
<b>SQUARE</b>						
.016 x .016	(0.406 x 0.406)	10	E01020			E01023
<b>RECTANGULAR</b>						
.016 x .022	(0.406 x 0.559)	10	E00551	E00552	E00553	E00554

**Elgiloy® Wire Round, 14" (35.56cm) Lengths**

Inch	Size (mm)	Package Contains	Red (Resilient)	Green (Semi-resilient)	Yellow (Ductile)	Blue (Soft)
.014	(0.356)	30		E00278		
.016	(0.406)	30	E00216	E00280		E00282
.018	(0.457)	20		E00281		E00283
.020	(0.508)	20		E00203	E00284	E00220
.022	(0.559)	20			E00285	E00222
.025	(0.635)	10			E00205	E00225
.028	(0.711)	10			E00206	E00228
.030	(0.762)	10			E00207	
.032	(0.813)	10			E00276	
.036	(0.914)	10			E00208	

**Elgiloy® Wire Square (Square cornered), 14" (35.56cm) Lengths**

.016 x .016	(0.406 x 0.406)	10			E00300	E00304
.017 x .017	(0.432 x 0.432)	10				E00305
.019 x .019	(0.483 x 0.483)	10				E00242

**Elgiloy® Wire Rectangular (Square cornered), 14" (35.56cm) Lengths**

.016 x .022	(0.406 x 0.559)	10			E00302	E00306
.017 x .022	(0.432 x 0.559)	10				E00307
.017 x .025	(0.432 x 0.635)	10			E00308	E00345
.018 x .022	(0.457 x 0.559)	10				E00239
.018 x .025	(0.457 x 0.635)	10			E00293	E00245
.019 x .026	(0.483 x 0.660)	10				E00294
.021 x .025	(0.533 x 0.635)	10				E00240

**Elgiloy® Wire Round Retainer Clasp, 14" (35.56cm) Lengths**

.030	(0.762)	10				E00230
.032	(0.813)	10				E00232
.036	(0.914)	10				E00236
.038	(0.965)	10				E00221
.040	(1.016)	6				E00237
.045	(1.143)	6				E00238
.060	(1.524)	5				E00226

ELGILOY®

## Gummetal® Preformed Arches

# GUMMETAL®

Gummetal® was developed at Toyota Central R&D Lab in Japan with properties close to rubber: a perfect balance between flexibility and stiffness.

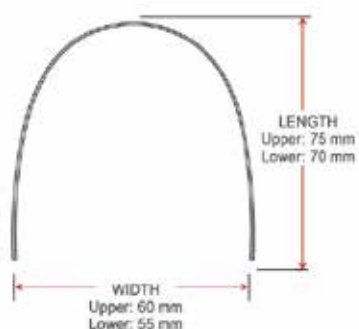
Nickel free titanium alloy made of Titanium (Ti), Niobium (Nb), Tantalum (Ta) and Zirconium (Zr).

Gummetal® has a large elastic deformation range with good formability and a very low Young's Modulus (soft) with enough stiffness.

Gummetal® wire (square/rectangular) can be used to give torque control at the earlier stage in treatment because of its high flexibility. Full size wire can be used to achieve the active torque control because of its moderate stiffness and optimum recovering ability. Maximum activation of the wire is available because of its very wide elastic deformation range.

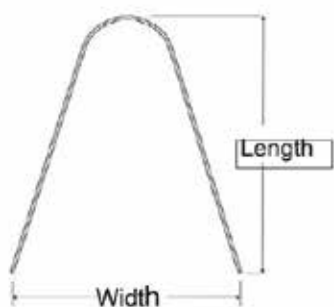
Because of Gummetal®'s excellent bend capabilities it substantively eliminates the necessity of wire changes after leveling. Because of Gummetal's ultra-low young's modulus the complicated wire bending is no longer necessary. Because of Gummetal®'s high flexibility and formability is advantageous to use with smaller inter-bracket distance such as in lingual technics.

## Gummetal® Preformed Arches - Natural



Size	Package Contains	Maxillary	Mandibular
Inch	(mm)		
<b>ROUND</b>			
.014	(0.356)	5	WGN0001-1
.016	(0.406)	5	WGN0002-1
.018	(0.457)	5	WGN0003-1
<b>SQUARE</b>			
.016 x .016	(0.406 x 0.406)	5	WGN0004-1
<b>RECTANGULAR</b>			
.016 x .022	(0.406 x 0.559)	5	WGN0005-1
.017 x .022	(0.432 x 0.559)	5	WGN0006-1
.017 x .025	(0.432 x 0.635)	5	WGN0007-1
.018 x .022	(0.457 x 0.559)	5	WGN0008-1
.018 x .025	(0.457 x 0.635)	5	WGN0009-1
.019 x .025	(0.483 x 0.635)	5	WGN0010-1
.021 x .025	(0.533 x 0.635)	5	WGN0011-1

## Gummetal® Preformed Arches - Blank (Lingual)



Size	Width	Length	Ø	Package Contains	Order Number
Inch & (mm)	(mm)	(mm)			
<b>SQUARE</b>					
.016 x .016 (0.406 x 0.406)	62	65	26	5	WGB0001-1
.0175 x .0175 (0.445 x 0.445)	62	65	26	5	WGB0002-1
.0175 x .0175 (0.445 x 0.445)	62	65	32	5	WGB0003-1
<b>RECTANGULAR</b>					
.016 x .022 (0.406 x 0.559)	68	68	26	5	WGB0004-1
.017 x .025 (0.432 x 0.635)	62	65	26	5	WGB0005-1
.018 x .022 (0.457 x 0.559)	62	65	26	5	WGB0006-1

## Gummetal® Arches - Lengths, 14" (35,56cm) • Cut

Inch	Size (mm)	Package Contains	Order Number
<b>ROUND</b>			
.012	(0.305)	5	WGL0001
.014	(0.356)	5	WGL0002
.016	(0.406)	5	WGL0003
.018	(0.457)	5	WGL0004
<b>SQUARE</b>			
.016 x .016	(0.406 x 0.406)	5	WGL0005
.0175 x .0175	(0.445 x 0.445)	5	WGL0006
<b>RECTANGULAR</b>			
.016 x .022	(0.406 x 0.559)	5	WGL0007
.017 x .022	(0.432 x 0.559)	5	WGL0008
.017 x .025	(0.432 x 0.635)	5	WGL0009
.018 x .022	(0.457 x 0.559)	5	WGL0010
.018 x .025	(0.457 x 0.635)	5	WGL0011
.019 x .025	(0.483 x 0.635)	5	WGL0012
.021 x .025	(0.533 x 0.635)	5	WGL0013



## Gummetal® Arches - Lengths • Spools

Inch	Size (mm)	Length	Package Contains	Order Number
<b>ROUND</b>				
.028	(0.711)	3.2m	1	ECGM001
.032	(0.813)	2.5m	1	ECGM002
.036	(0.914)	2.0m	1	ECGM003
.040	(1.016)	1.6m	1	ECGM004



## Gummetal® Preformed Aesthetic Coated Arches - Natural

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	5	WGN0004A-1	WGN0024A-1
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	5	WGN0005A-1	WGN0025A-1
.017 x .022	(0.432 x 0.559)	5	WGN0006A-1	WGN0026A-1
.017 x .025	(0.432 x 0.635)	5	WGN0007A-1	WGN0027A-1
.018 x .022	(0.457 x 0.559)	5	WGN0008A-1	WGN0028A-1
.018 x .025	(0.457 x 0.635)	5	WGN0009A-1	WGN0029A-1
.019 x .025	(0.483 x 0.635)	5	WGN0010A-1	WGN0030A-1
.021 x .025	(0.533 x 0.635)	5	WGN0011A-1	WGN0031A-1



## Gummetal® Natural Aesthetic Coated Arches - Lengths • Spools

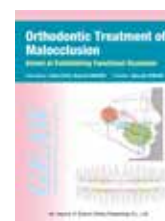
Inch	Size (mm)	Length	Package Contains	Order Number
<b>ROUND</b>				
.032	(0.813)	2.5m	1	ECGM005
.036	(0.914)	2.0m	1	ECGM006



## Books GUMMETAL® Edgewise Arch Wire, Orthodontic Treatment of Malocclusion

By Sadao SATO and Akiyoshi Shirasu • Translator : Akiyoshi SHIRASU

Language : English

Package  
Contains  
1Order Number  
ECGM011



### Thermal Nickel-Titanium Arch Preformed Natural Arch

- Thermal wire with excellent shape memory generates light, constant and prolonged forces
- Use as an initial arch wire for unscrambling and alignment is easier to ligate in severely misaligned cases
- Pliable at room temperature and superelastic at body temperature
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.013	(0.330)	10	WTW2000	WTW2001
.015	(0.381)	10	WTW2002	WTW2003
.017	(0.432)	10	WTW2004	WTW2005
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WTW2010	WTW2011
.017 x .025	(0.432 x 0.635)	10	WTW2012	WTW2013
.019 x .025	(0.483 x 0.635)	10	WTW2014	

### Thermal Plus Nickel-Titanium Arch Preformed Natural Arch

- Forces intermediate between thermal and superelastic
- Some thermal properties: room temperature and superelastic at body temperature
- Permanent midline etchmarks; three lines for a maxillary arch and one line for a mandibular

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.015	(0.381)	10	WPW2072	WPW2073
.017	(0.432)	10	WPW2074	WPW2075

### Superelastic Nickel-Titanium Preformed Natural Arch

- Provides a continuous gentle force at a constant, uninterrupted force level for tooth movement
- A high force wire for alignment for patients with severe crowding
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.013	(0.330)	10	WOW2060	

### Superelastic Nickel-Titanium Curve of Spee - Leveling

- Use to level excessive overbite or close anterior open bite
- Wire control through positioning of intermaxillary elastics: posterior for greater anterior intrusion and anterior for posterior intrusion
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
.016 x .022	(0.406 x 0.559)	10	WRW2020	WRW2021
.017 x .025	(0.432 x 0.635)	10	WRW2022	WRW2023



### Beta III Titanium Molybdenum Preformed Natural Looped Arches

- Fast space closure, anchorage, vertical movement of the incisors
- Permanent midline etchmarks; three lines for maxillary arch, one line for mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Loop to Loop (mm)	Mandibular	Loop to Loop (mm)
.019 x .025	(0.483 x 0.635)	5	WBW2054L	(38)	WBW2055L	(24)
.019 x .025	(0.483 x 0.635)	5	WBW2056L	(42)	WBW2057L	(26)
.019 x .025	(0.483 x 0.635)	5	WBW2058L	(46)	WBW2059L	(30)



### Stainless Steel Preformed Natural Arch - Space Closing

- Used for its ability to combine rigidity to achieve and retain torque with an excellent surface for sliding
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
.016 x .022	(0.406 x 0.559)	10	WSW2030	WSW2031
.017 x .025	(0.432 x 0.635)	10	WSW2032	WSW2033
.019 x .025	(0.483 x 0.635)	10	WSW2034	WSW2035



### Braided Stainless Steel Preformed Natural Arch - Finishing

- Use when minor detailing is needed and torque can be maintained
- Braided stainless steel has eight strands of wire
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
.017 x .025	(0.432 x 0.635)	10	W8W2040	W8W2041
.019 x .025	(0.483 x 0.635)	10	W8W2042	W8W2043


### Molybdenum Titanium Preformed Natural Arch - Finishing

- Use to ensure that the occlusion settles, to maintain torque, and to correct small final irregularities
- Permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch
- Titanium-Molybdenum-based alloy (no nickel content)

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
.017 x .025	(0.432 x 0.635)	10	WBW2050	WBW2051
.019 x .025	(0.483 x 0.635)	10	WBW2052	WBW2053

## SWLF Arch Wires Selection Chart



			Alloy Type			.018 Slot				.022 Slot	
					Maxillary	Mandibular		Maxillary	Mandibular		
ALIGNMENT	Irregularity Index	High	Thermaloy Plus Medium Force Thermal NiTi	.014	WPN7701	WPN7721	.016	WPN7701	WPN7723		
		Medium	Thermaloy Plus Medium Force Thermal NiTi	.016	WPN7703	WPN7723	.018	WPN7704	WPN7724		
		Low	Thermaloy Low Force Thermal NiTi	.017 x .025	WTN7305	WTN7325	.019 x .025	WTN7307	WTN7327		
LEVELING		Deep Bite	Bendaloy Beta III Titanium	.017 x .025	WBN7126	WBN7135	.019 x .025	WBN7128	WBN7137		
		Open Bite									
SPACE CLOSING		Space Clo- sing	TruChrome SS Recommended to use with Crimpable Hooks	.017 x .025	WSN7208	WSN7228	.019 x .025	WSN7210	WSN7230		
FINISHING		Re-alignment Vertical Occlusal Engage (VOE)	Braided SS	.017 x .025	W8W2040	W8W2041	.019 x .025	W8W2042	W8W2043		
		Detailing 1st, 2nd, 3rd Or- der Bend	Bendaloy Beta III Titanium	.017 x .025	WBN7126	WBN7135	.019 x .025	WBN7128	WBN7137		

**Trioforce - Preformed Arches**

- Three distinct heat-activated forces through the arch, while maintaining superior shape integrity
- Graph depicting the forces of the anterior, bicuspid, and posterior regions can be provided
- A<sub>1</sub> temperatures range from 29.4°C for the anterior region, to 24.4°C for the Bicuspid region and to 18.9°C for the posterior region

**Natural**

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WFN5805	WFN5825
.018 x .018	(0.457 x 0.457)	10	WFN5806	WFN5826
.020 x .020	(0.508 x 0.508)	10	WFN5707	WFN5827
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WFN5808	WFN5828
.017 x .025	(0.432 x 0.635)	10	WFN5809	WFN5829
.018 x .025	(0.457 x 0.635)	10	WFN5810	WFN5830
.019 x .025	(0.483 x 0.635)	10	WFN5811	WFN5831
.021 x .025	(0.533 x 0.635)	10	WFN5812	WFN5832

TRIO FORCE

**Euroform**

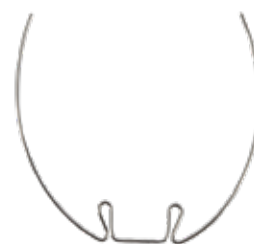
Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.016	(0.406)	10	WFE5702	WFE5722
.018	(0.457)	10	WFE5703	WFE5723
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	WFE5705	WFE5725
.018 x .018	(0.457 x 0.457)	10	WFE5706	WFE5726
.020 x .020	(0.508 x 0.508)	10	WFE5707	WFE5727
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WFE5708	WFE5728
.017 x .025	(0.432 x 0.635)	10	WFE5709	WFE5729
.018 x .025	(0.457 x 0.635)	10	WFE5710	WFE5730
.019 x .025	(0.483 x 0.635)	10	WFE5711	WFE5731
.021 x .025	(0.533 x 0.635)	10	WFE5712	WFE5732

TRIO FORCE

**Light Wire Torquing Arch (Von Der Heydt)**

- Inserted in the central light wire brackets and secures with pins
- Activated by tying distal ends to the arch wire with ligating wire
- Heat-treated Red Elgiloy .014" (0.356 mm)
- Do not make bends in wire

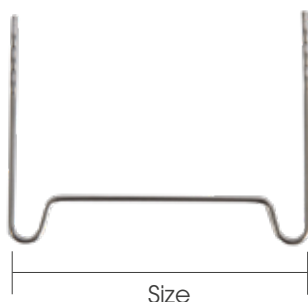
Size	Package Contains	Order Number
For maximum torque	4	F00133
45° for medium torque	4	F00134

**Bioprogressive® Auxiliaries (Ricketts®)**

- Double Delta Sectionals
- Cuspid Retractor for closing small spaces
- Blue Elgiloy®, unheat-treated

Size	Position	Package Contains	Order Number
.016" x .016"	Mandibular Left	3	E00815
.016" x .016"	Mandibular Right	3	E00816
.016" x .016"	Maxillary Left	3	E00817
.016" x .016"	Maxillary Right	3	E00818





### Hawley Labial Retainer Forms – Unheat-treated

- Blue Elgiloy® .030" (0.762mm) is easily contoured
- "Serrated" end sections provide stability in acrylic

Size (inch)	Size (mm)	Package Contains	Arch Contour	Nonarch Contour
00 - 1 3/8"	(34.92mm)	5	E00600	A00238
0 - 1 1/2"	(38.10mm)	5	E00601	A00239
1 - 1 5/8"	(41.28mm)	5	E00602	A00240
2 - 1 3/4"	(44.45mm)	5	E00603	A00241
3 - 1 7/8"	(47.62mm)	5	E00604	A00242
4 - 2"	(50.80mm)	5	E00605	A00243
5 - 2 1/8"	(53.98mm)	5	E00606	A00244
6 - 2 1/4"	(57.15mm)	5	E00607	A00245
7 - 2 3/8"	(60.32mm)	5	E00608	A00273
8 - 2 1/2"	(63.50mm)	5	E00609	A00274



### RMO® Bondable Lingual Retainer

Kit Description	Package Contains	Order Number
Kit, 3x3 1 max/1 man	6 pads, 1 wire	ECK0546
Kit, 3x3 6 max/6 man	72 pads, 4 wires, 1 instrument	K00250
Kit, 3x3 6 max/6 man	72 pads, 4 wires	K002502
Kit, 4x4 6 max/6 man	96 pads, 4 wires, 1 instrument	K00253
Kit, 4x4 6	192 pads	ECK0547

Description	Package Contains	Order Number
Pad, Mx/Mn Cen/Lat R/L	50	E00524
Pad, Mx/Mn Cus R/L	50	E00525
Pad, Terminal, Cus, Mx L, Mn R	50	E00526
Pad, Terminal, Cus, Mx R, Mn L	50	E00527
Pad, Terminal, 1Bi, Mx L, Mn R	50	E00528
Pad, Terminal, 1Bi, Mx R, Mn L	50	E00529
Wire, Retainer (stainless steel) twisted	10	E00530
Instrument	1	i01102

### Bondable Lingual Retainer

- Preformed 304 SS Wire for easy adaptation and minimal adjustment
- 80 Gauge Contoured Base increases locking action with ideal fit
- Pre-contoured offset bend allows for proper contact on the lingual surface



Description	Package Contains	Order Number
Lingual Retainer Cuspid Size 30	2	E00330
Lingual Retainer Cuspid Size 31	2	E00331
Lingual Retainer Cuspid Size 32	2	E00332
Lingual Retainer Cuspid Size 33	2	E00333
Lingual Retainer Cuspid Size 34	2	E00334
Lingual Retainer Cuspid Size 35	2	E00335
Lingual Retainer Cuspid Size 36	2	E00336
Lingual Retainer Cuspid Size 37	2	E00337
Lingual Retainer Cuspid Size 38	2	E00338
Lingual Retainer Cuspid Size 39	2	E00339



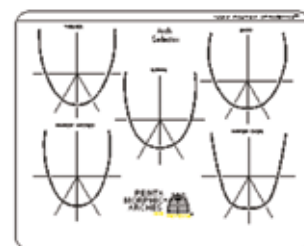
### Retainer Chains

Description	Package Contains	Order Number
Spool - gold (75cm)	1	ECE0710
Spool - Stainless steel (75cm)	1	ECE0712

## Penta-Morphic® Arch Selector

- 8" x 10" Vinylite

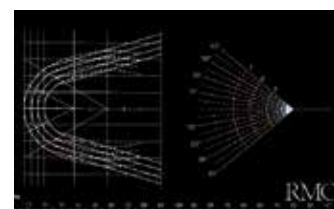
Package Contains	Order Number
1	i00509



## Arch Forming Template

- Ideal for arch forming adjustments and horizontality control
- Black hard 8 mm thick altuglasss plaque
- Dimensions: 204 mm x 128 mm
- Side 1: reproduce 5 pentamorphic Ricketts arch forms
- Side 2: for arch flatness control

Package Contains	Order Number
1	ECi0508



## Preformed Auxiliary Ligature Tie Hooks (Kobayashi type)

- Stainless steel
- Quickly and easily tied in place without removing arch wire
- Spot welded to form hook
- Slipped under tie wing and tied
- Hooks adapt to up/down usage

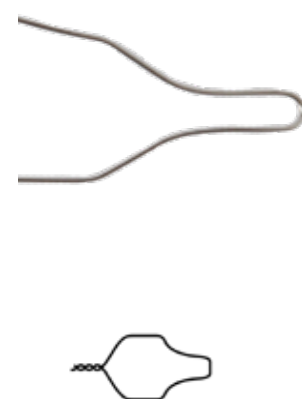


Shape	Size (inch)	Size (mm)	Package Contains	Order Number
Straight	.012	(0.305)	100	A01202
	.014	(0.356)	100	A01203
With strand	.012	(0.305)	100	ECM0826
	.014	(0.356)	100	ECM0825

## Preformed Ligature Wire

- Stainless steel – dead soft
- Precise convenient shape for quick use

Shape	Size (inch)	Size (mm)	Package Contains	Order Number
Regular	.008	(0.203)	1000	E00700
	.009	(0.229)	1000	E00701
	.010	(0.254)	1000	E00702
	.011	(0.279)	1000	E00703
	.012	(0.305)	1000	E00704
Ivory	.012	(0.305)	100	ECE0709
Short Twist	.010	(0.254)	500	ECE0707
Ivory Short Twist	.012	(0.305)	100	ECE0706



## Parralleling Spring (Von Der Heydt)

- Stainless steel, high resiliency, light wire technique gives maximum control of root paralleling from anteriors to bicuspid

Position	Size (inch)	Size (mm)	Package Contains	Order Number
UR/UL	.014	(0.355)	10	A00854
UL/UR	.014	(0.355)	10	A00855





### Nickel-Titanium Compression Springs (Open Coil)

- Cost effective alternative to maintaining a large office inventory of sizes of variable (adjustable) force coil springs cut to desired length

Wire Size x Inside Diameter (inch)	Size (mm)	*Force (g)	Length	Package Contains	Order Number
.009 x .030	(0.229 x 0.762)		7" (17,8mm)	3 tubes	F00200
.010 x .030	(0.254 x 0.762)	138	7" (17,8mm)	3 tubes	F00300
.010 x .030	(0.254 x 0.762)	138	21" (53,34mm)	1 spool	F00350
.010 x .036	(0.254 x 0.914)		7" (17,8mm)	3 tubes	F00202
.012 x .030	(0.305 x 0.762)	299	7" (17,8mm)	3 tubes	F00301
.012 x .030	(0.305 x 0.762)	299	21" (53,34mm)	1 spool	F00351
.014 x .030	(0.356 x 0.762)		7" (17,8mm)	3 tubes	F00204
.014 x .036	(0.356 x 0.914)		7" (17,8mm)	3 tubes	F00205
.012 x .045	(0.305 x 1.143)	282	7" (17,8mm)	3 tubes	F00302
.012 x .045	(0.305 x 1.143)	282	21" (53,34mm)	1 spool	F00352

\*Tooth moving forces at 6mm deflection.



### Nickel-Titanium Extension Springs (Closed Coil)

- Stainless steel eyelets are attached to each end of the spring to engage hooks
- Variable (adjustable) coil spring

Wire Size x Inside Diameter (inch)	Size (mm)	Length	Package Contains	Order Number
.010 x .030	(0.254 x 0.762)	9mm	10	F00320
.010 x .030	(0.254 x 0.762)	12mm	10	F00321
.011 x .030	(0.279 x 0.762)	9mm	10	F00322
.011 x .030	(0.279 x 0.762)	12mm	10	F00323
.012 x .030	(0.305 x 0.762)	9mm	10	F00324
.012 x .030	(0.305 x 0.762)	12mm	10	F00325



### TAD Extension Springs with Large Eyelets (Closed Coil)

- Stainless steel eyelets are attached to each end of the NiTi coil spring
- Larger eyelets designed to fit directly onto the Button Top Mini Implant

Wire Size x Inside Diameter (inch)	Size (mm)	Length	Package Contains	Order Number
.010 x .030	(0.254 x 0.762)	7mm	10	G00304
.010 x .030	(0.254 x 0.762)	9mm	10	G00301
.010 x .030	(0.254 x 0.762)	12mm	10	G00302
.010 x .030	(0.254 x 0.762)	15mm	10	G00303



### Nickel-Titanium Distalizing Spring (Stop Wound Coil)

- Distalizes molars without use of headgear
- Slides easily over any arch wire
- Fit to any desired length; cuts to length
- Activate by compressing spring, with the use of an RMO® lock

Wire Size x Inside Diameter (inch)	Size (mm)	Length	Package Contains	Order Number
.010 x .045	(0.254 x 1.143)	7" (17,8mm)	3	F00340
.010 x .045	(0.254 x 1.143)	21" (53,34mm)	1	F00355

## Compression Springs with Oval Eyelets (Open Coil)

- Stainless steel eyelet on one end and an oval end on the other
- The pear-shaped opening allows for easy insertion over the Button Top TAD



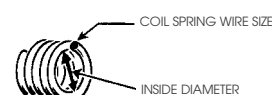
Wire Size x Inside Diameter (inch)	Size (mm)	Length	Package Contains	Order Number
.010 x .030	(0.254 x 0.762)	8mm	10	G00305
.010 x .030	(0.254 x 0.762)	10mm	10	G00306
.010 x .030	(0.254 x 0.762)	12mm	10	G00307

## Coil Springs

- Super resilient
- Extremely durable
- Precision wound
- Red Elgiloy®



Size (inch)	Size (mm)	Package Contains	Open Coil	Closed Coil
.007" x .028"	(0.178 x 0.711)	2' (60cm)	F00096	
.007" x .030"	(0.178 x 0.762)	2' (60cm)	F00098	
.008" x .022"	(0.203 x 0.559)	2' (60cm)	F00022	
.008" x .025"	(0.203 x 0.635)	2' (60cm)	F00024	
.008" x .028"	(0.203 x 0.711)	2' (60cm)	F00026	
.008" x .030"	(0.203 x 0.762)	2' (60cm)	F00028	F00029
.008" x .032"	(0.203 x 0.813)	2' (60cm)	F00030	
.008" x .036"	(0.203 x 0.914)	2' (60cm)	F00032	F00033
.009" x .028"	(0.229 x 0.711)	2' (60cm)	F00042	
.009" x .030"	(0.229 x 0.762)	2' (60cm)	F00044	F00045
.009" x .032"	(0.229 x 0.813)	2' (60cm)	F00046	F00047
.009" x .036"	(0.229 x 0.914)	2' (60cm)	F00048	
.009" x .040"	(0.229 x 1.016)	2' (60cm)	F00050	
.010" x .028"	(0.254 x 0.711)	2' (60cm)	F00058	
.010" x .030"	(0.254 x 0.762)	2' (60cm)	F00060	F00061
.010" x .032"	(0.254 x 0.813)	2' (60cm)	F00062	
.010" x .036"	(0.254 x 0.914)	2' (60cm)	F00064	F00065
.010" x .040"	(0.254 x 1.016)	2' (60cm)	F00066	
.010" x .045"	(0.254 x 1.143)	2' (60cm)	F00080	



## Anterior Torquing Spring (Warren)

- Applies continuous torquing action to individual anterior teeth
- Spring slips on arch wire straddling the bracket on the anterior tooth to be moved
- Placement of the arch wire in the bracket activates the spring, providing single contact with the tooth surface
- Each size is designed for a specific wire dimension and will not grip other dimensional wire sizes or round wire
- Green Elgiloy® heat-treated



Spring Size	Arch Wire Size	Package Contains	Order Number
.011 (0.279mm)	.016 x .022 (0.406 x 0.559mm)	10	A00466
.011 (0.279mm)	.014 x .025 (0.356 x 0.635mm)	10	A00475
.011 (0.279mm)	.017 x .025 (0.432 x 0.635mm)	10	A00477
.011 (0.279mm)	.018 x .025 (0.457 x 0.635mm)	10	A00474
.011 (0.279mm)	.019 x .025 (0.483 x 0.635mm)	10	A00467





## Tiger Dental

### Piggy Back Spring

The Piggy Back Spring is a clampable pressure spring element, which is inserted safe and easy. In the levelling phase, pressure on the crowded teeth is often already required. In spite of brackets, the piggy back spring can be mounted here in seconds without removing the treatment arch. Just squeeze the hooks and the job is done. This makes possible simultaneous use of brackets in the crowded area. Six different lengths allow space to be gained from a single tooth area to eye tooth to eye tooth distance. The individual sizes are arranged in different colours. With full compression approximately 200 cN force expansion (progressively reducing). Spring is in elgiloy alloy and the hooks are stainless steel.

Description	Package Contains	Order Number
Starterkit PiggyBackSpring, 1 of each	5	ECT0580
PiggyBackSpring size F1, clear	5	ECT0582
PiggyBackSpring size B1, orange	5	ECT0583
PiggyBackSpring size F2, red	5	ECT0584
PiggyBackSpring size B2, blue	5	ECT0585
PiggyBackSpring size U3, green	5	ECT0586
PiggyBackSpring size CC, black	5	ECT0587



### RM®Ball Retainer Clasp, TRU-CHROME® Stainless Steel

Stem Diameter	Ball Diameter	Package Contains	Order Number
.024" (0.610mm)	.044" (1.12mm)	10	A00290
.032" (0.813mm)	.058" (1.47mm)	10	A00291
.040" (1.016mm)	.074" (1.905mm)	10	A00296



### Adams Clasp, TRU-CHROME® Stainless Steel

- Preformed modified arrow clasp form
- May be used as is or adapted to contact tooth surface according to Adams' technique
- Manufactured loop set at 20° angle for better interproximal slippage
- Clasps are measured midline of loop to midline of loop

Size (Mesial Distal)	Package Contains	Order Number
(6mm)	10	ECS2104
(7mm)	10	ECS2105
(8mm)	10	ECS2106
(9mm)	10	ECS2107
(10mm)	10	ECS2108
(11mm)	10	ECS2109



### "J" Clasp – Stainless Steel

- Provides retention below the marginal crest of the tooth

Size	Package Contains	Order Number
.032" (0.813mm)	10	G00042
.040" (1.016mm)	10	G00050
.047" (1.194mm)	10	G00055

## Anterior Root Torquing Spring

The Anterior Root Torquing Spring is a pre-formed torquing auxiliary that engages the arch wire and provides lingual or labial torque to the maxillary or mandibular anterior teeth.

The universal design is compatible with any bracket system and requires no forming or bending. Torque control remains active throughout treatment with no adjustments necessary.

Stainless Steel.



Description	Package Contains	Order Number
Maxillary - Small	10	A00431
Maxillary - Medium	10	A00432
Maxillary - Large	10	A00433
Mandibular - Universal	10	A00440

## RM® Lock

- Stainless steel
- Allows placement in one piece
- For arch wire stop, tying auxiliaries, tiebacks and activating coil springs
- Offset screw assures proper locking action on all shapes of wire

Description	Accepts Size (inch)	Accepts Size (mm)	Package Contains	Order Number
Small Lock with hook	.012"-0.28"	(.304-0.711)	5	A00224
Small Lock without hook	.012"-0.28"	(.304-0.711)	5	A00226
Large Lock without hook	.030"-0.045"	(.762-1.143)	5	A00227
Small Lock with Flange	.012"-0.028"	(.304-0.711)	5	A00229



## RM® Lock Accessories

Description	Package Contains	Order Number
Replacement screw for either small or large lock	5	A00228
Hex wrench for RM® Lock stainless steel with hard steel tip	1	i00034



## Crimpable and Sliding Hooks/stops

- Stainless Steel

Description	Package Contains	Order Number
Sliding hook .018	10	A00140
Sliding hook .022	10	A00141
Straight hook .018	10	A00142
Straight hook .022	10	A00143
Crimpable universal stops	10	A00137
Crimpable long arm (5 mm) hooks universal	10	A00139
Crimpable ball hook .018 & .022	10	A00138



A00140/41

A00142/43

A00137



### Crimpable Tube Stop Assembly

Crimpable Tube Stop Assembly are easily gripped disposable holders pre-loaded with crimpable tube stops. The clinician easily threads the tube stop onto the wire, slides it in the precise position desired, releases the holder with a slight pivot, and crimps. Easy !

Description	Package contains	Order Number
Yellow Guide .019 : Recommended for round .012" through .018" wire	10	ECM1383
Orange Guide .031 : Recommended for square up to a max. of .020" x .020" Rectangle from .014" x .025" to a max. of .019" x .025".	10	ECM1384



### Crimpable Arch Wire Stop

Description	O.D. Size	I.D. Size	Package Contains	Order Number
2mm Arch Wire Stop	.032 (.813)	0.195 (.495)	20	A00127
2mm Arch Wire Stop	.042 (1.067)	0.315 (.800)	20	A00128



### Damon™ Style Crimpable Arch Wire Stops

- Perfectly tempered stainless steel for easy crimping to eliminate archwire migration
- Mechanically-roughed interior grips wire securely once crimped

Taille et Description	Wire Sizes	Package Contains	Order Number
Small (Round)	.012" to .020"	50	A00135
Large (Rectangular)	from .016" x .016" to .019" x .025"	50	A00136

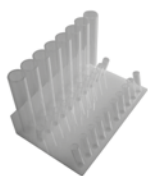
Damon™ is a trademark of Ormco Corporation.



### Twin Arch End Sections

- For making your own Twin Arches

Description	O.D. Size Inch (mm)	Package Contains	Order Number
With Hook	.036 (.903)	10	A00118
Without Hook	.036 (.903)	10	A00120
With Hook	.040 (1.016)	10	A00119



### Archwire Rack

- Transparent Plexiglass with White Base
- Stores up to 10 preformed arches of different sizes and 8 tubes of straight wire
- Dimensions: 168 mm long x 108 wide and height

Package contains	Order Number
1	ECJ0440

## Disposable Arch Markers

- Arch marker indicates set-backs, loops, spring position

Description	Package Contains	Order Number
Arch Marker Dispenser	1	ECM1220
Refill - Red markers	100	ECM1221
Refill - White markers	100	ECM1222



## Arch Marking Crayons

- Wire marking crayon indicates set-back, loops, spring positions, etc.
- Water-soluble wax
- High visibility and super adhesion

Description	Package Contains	Order Number
White Crayons	10	ECJ0094
Red Crayons	10	ECJ0093



## Disposable Arch Markers

RMO offers wax tip arch markers for indicating set-back, loops, and spring positions. Rigid natural wood dowel does not flex providing easy deliberate marking. Wax tip is brilliant red color.

- 100% made in USA
- 100 markers per pack

Package Contains	Order Number
1 box	J00095



## Arch Wire Dispenser System

- Dispenser unit designed to store both RMO® PurePak® and standard arch wire packages for clear identification and simple storage solutions
- Dispenser can be placed on a flat surface or conveniently wall mounted for easy access

Package Contains	Order Number
1 dispenser	J00610





4



# 11

## INSTRUMENTS

RMO® has always been attentive to its customers and has developed its product range according to orthodontic clinic needs.

It is the same for our instrument range. Known and recognized by the profession for its manufacturing quality, its precision in usage and its high resistance to wear and corrosion.

The RMO® pliers have become a standard in the profession. Doctors use the RMO® part number to name the pliers. For example 442 for a torquing plier is the RMO® i0442, or the 139 or a bird beak plier is the original i0139 from RMO®...

In order to match customer satisfaction to quality of products, RMO® Europe has developed two ranges of pliers. All part numbers starting by i, ECI or ECM are pliers/instruments made in Europe. The ones starting by T are made in the USA. This complete range will allow you to find the ideal solution to your working habits.

## CONTENTS

**238** Band Instruments

**240** Bracket Instruments

**242** Ligation Pliers

**246** Wire Bending Pliers

**253** Utility Pliers

**253** Cutters

**257** Stripping

**259** Specialized Instruments

**262** Measurement Instruments & Accessories

## What makes instruments from RMO® the better choice?

### Superior quality maximizes satisfaction of our users.

Compared to other equipment used by dentists and labs, hand instruments represent a relatively small investment and can be used for many years. In this environment, a top quality instrument offers two unbeatable advantages for its user:

- Top quality instruments make the daily work more satisfying. That's because they allow for a more precise and ergonomic work process—which leads to better work results day to day over years and years.
- Top quality instruments are the more economic choice despite the higher price. The higher up front investment pays out two-fold: 1: Top quality instruments enable their users to achieve the same work result in less time (which reduces labor cost) or a better work result in the same time (which increases customer satisfaction and, thus, turnover); 2: Top quality instruments last longer and therefore minimize investments for replacement and repair.

## Especially for inserted pliers, fulfilling all of the above mentioned requirements demands great care and expertise. Why?

### Certain treatments of hard wires such as cutting and sharp bending of arch wires, specifically stress the working ends of orthodontic pliers.

Therefore, these working ends need to be equipped with hard inserts to ensure perfect function and prevent them from being damaged by the wire. These inserts are applied to the plier via soldering.

The challenge is to develop a combination of insert material and soldering technique that:

- Offer a high and even hardness of the insert to the plier (to ensure perfect wire handling over a long time).
- Guarantee a secure fixing of the insert to the plier (to prevent it from falling off during use)
- Allow for standard cleaning and sterilization procedures (to make instrument care easier)
- Has a high corrosion resistance (to ensure a long lifetime).

**Our pliers offer some significant advantages for their users.** Some of them are already visible on the new, unused plier. Others only become obvious when using the pliers over time.

For an orthodontic plier this means:

1. Precise, long lasting working ends for perfect holding, bending and cutting results.
2. Precise, long lasting plier lock for perfect guidance of working ends without jam and/or wobble.
3. High corrosion resistance.
4. All standard cleaning and sterilization procedures applicable.

Our insert alloy combines hardness (around 62 HRC) with a high corrosion resistance. Therefore our pliers do not need to be chrome plated.

Consequently, except for chrome plated instruments, our pliers can be subject to ultrasonic cleaning and disinfection with appropriate liquids as well as autoclave sterilization.

Our beaks and inserts are milled on high precision machines and additionally get final adjustment by expert craftsmen with long experience.

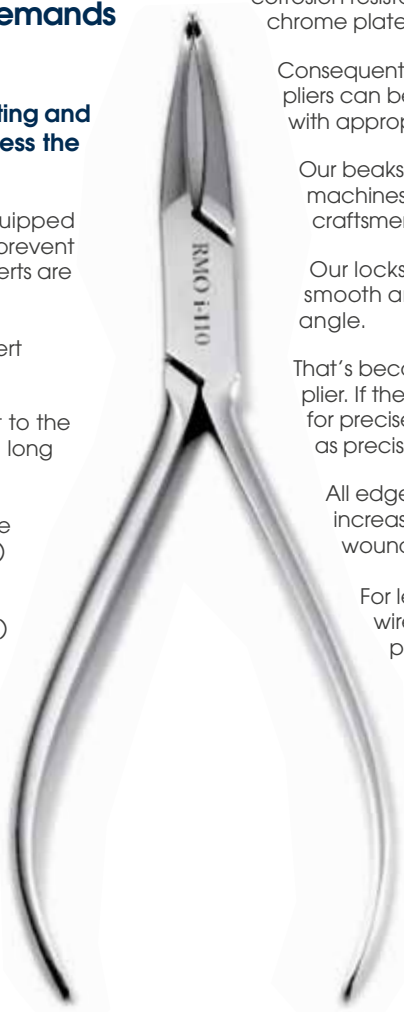
Our locks are produced with great care to ensure a smooth and precise action over the whole working angle.

That's because precision of lock determines precision of plier. If the lock is not tight enough, the plier will not allow for precise work because the working ends will not close as precisely as they are supposed to.

All edges of our pliers are carefully chamfered to increase safety of patient and doctor (no pinching or wounding of gums).

For less stressing wire treatments such as ligature wires, bands, elastics and light wires, orthodontic pliers do not need inserts.

Therefore, we protect those pliers with a tungsten carbide coating and we are the only ones who do it. Apart from the coating of the beaks, our non-inserted pliers are produced with the same great care on beak form, locks and edge chamfering as our inserted pliers.





## Maintenance Recommendations for Schweickhardt® Instruments

Schweickhardt® instruments are 100% made in Germany from selected raw materials to ensure the highest quality. They will provide you and your staff with all the efficiency and precision you need.

### Recommendations

- To protect your investment, please note the following recommendations\* :
  - Use only distilled water, conforming to EN 285 Annex B, to protect instruments against rust and discoloration.
  - Before first use, new instruments must be thoroughly cleaned, and subjected to a complete cycle of cleaning, rinsing, lubrication and sterilization.
  - Articulated instruments must be in the open position during decontamination, cleaning and sterilization.
  - Seals, inserts, pins and all friction points must be systematically lubricated before sterilization. We recommend our EC10150 instrument oil or ECM1070 spray.
  - Never treat rusty instruments, even slightly, at the same time as other intact instruments. These instruments could in turn oxidize and deteriorate
  - All cutting pliers should be sharpened as necessary to optimize efficiency

\* detailed in the leaflet:  
Schweickhardt - Instrument  
maintenance

[www.rmoeurope.com/IFU/  
schweickhardt\\_IFU\\_Franklin.pdf](http://www.rmoeurope.com/IFU/schweickhardt_IFU_Franklin.pdf)



### Cleaning & Decontamination

All instruments must be cleaned and decontaminated immediately after use to remove residues and blood, and prevent them from drying on the forceps.

- For ultrasonic cleaning: Use a non-aggressive solution containing rust inhibitors and a neutral pH. Caution: Exceeding the cleaning time or not respecting the doses prescribed by the solution manufacturer can rapidly deteriorate your instrument. Remove instruments from the bath immediately after the allotted time.
  - Note that ultrasonic cleaning can loosen inserts and round off sharp edges.
  - Rinse the instrument very thoroughly with distilled water. Failure to rinse immediately after disinfection and cleaning may result in rust spots or stains.
  - Dry the instruments very carefully, leaving no trace of moisture. Compressed air drying is recommended. If these steps are not followed correctly, instruments may be subject to corrosion or discoloration during sterilization.
- For chemical decontamination, if this is your choice, we suggest using a quality alkaline product. The solution should be renewed every day at the same concentration. Immerse the instrument in the solution only after the chemical concentrates have dissolved completely. Scrub the ends of the instrument with a plastic brush if necessary. To prevent the risk of rusting, observe the following immersion times

### Sterilization

The sterilization methods we recommend guarantee reliable sterility. Always sterilize instruments in the open position and perfectly dry. If you use a pouch, make sure it contains no traces of moisture.

- Autoclave sterilization: Do not mix chrome-plated instruments with stainless steel pliers.
- Ensure that your equipment and sterilization processes comply with current standards

## Maintenance recommendations for APEX instruments

RMO® has been a leader in the global orthodontic market for over 80 years, and offers a second range of quality instruments to meet our customers' needs as closely as possible.

The APEX range of instruments features an ergonomic, durable and precise design based on surgical-grade stainless steel forgings.

Hardened steel bits/inserts for long-lasting performance and service life.

The screw joints guarantee precise opening and closing, and the screw fastening system ensures optimum tightness after many years of use.



### Recommendations

The recommendations detailed above for Schweickhardt® instruments also apply to the APEX range, i.e. water quality, products used for cleaning and decontamination cycles, and sterilization processes.

All recommendations are available in the "Maintenance of APEX and other instruments" leaflet on the RMO Europe website.

Please read them carefully before commissioning your instruments for the first time.

We strongly recommend that new instruments undergo a complete cleaning and sterilization cycle before being used for the first time.

Water quality is a major factor in instrument maintenance: use only distilled water, conforming to EN 285 Annex B, to protect instruments against rust and discoloration.

## Return & Repair

All unopened RMO® (APEX & Schweickhardt) instruments in their original packaging can be returned for a refund within 90 days of the invoice date.

All RMO® instruments found to be faulty without having been misused or tampered with in any way may be returned to our site for repair, replacement or refund after expert examination.

An inquiry form is available in each leaflet. We recommend that you complete it and enclose it with your instruments to ensure that your request is processed as efficiently as possible.

If your instruments are not covered by warranty, please contact our sales department and/or your sales representative.

**Tel : +33 (0)3 88 40 67 30 / [sales@rmoeurope.com](mailto:sales@rmoeurope.com)**

In order to guarantee the safety of our staff and to process your request as efficiently as possible, please return your instrument(s) together with the completed "Proof of decontamination" form (see Instructions for use). Without this document, your request cannot be processed.



**Bitable Band Setter**

- Plastic handle
- Triangular tip in hardened steel
- Autoclavable sterilisation (max. 125°C)

**Package  
Contains**

1

**Order  
Number**

ECi0010

**Band Setter (Mershon)**

- Stainless steel tip with straight grooves
- One piece made for ultra sonic cleaning
- Hexagonal stainless steel handle with rounded end

**Package  
Contains**

1

**Order  
Number**

i00303



i00347



ECi0547

**Posterior Band Removing Plier**

- Long chisel tip with carbide insert
- Occlusal nylon pads are replaceable
- Nested or adjustable axle

**Description**

Nested axle and standard handle  
 Nested axle and long handle for 2nd molars  
 Adjustable axle and standard handle  
 Replacement Pads

**Package  
Contains**

1

1

1

10

**Order  
Number**

i00347

i00348

ECi0547

i00357

**Posterior Band Removing Plier**

- Stainless Steel
- Hard inserts
- Insert alloy combines hardness with a high corrosion resistance

**Description**

Plier  
 Tips for T00347

**Package  
Contains**

1

3

**Order  
Number**

T00347

T00347T

**Utility Scaling, Ligature Remover and Band Seating Instrument (Schure)**

- Precision knurled handle
- Sharp scaling shape on one end and serrated band seating tip on the other
- Heat-treated tips maintain sharp edge for extended use

**Description**

Standard  
 Thin tips

**Package  
Contains**

1

1

**Order  
Number**

i00349

ECi0349

**Band Pusher/Scaler (Guequierre)**

- Dual scaling surface
- One end has sharp curved scaling head with serrated tip on the other

**Package  
Contains**

1

**Order  
Number**

i00358

**Ergonomic Band Pusher**

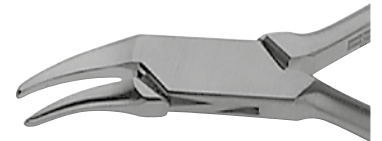
- Ergonomic stability by design with aluminium handle offset by SS head. The unremovable connexion makes the system stable and stiff
- Removable, autoclavable soft cap protects the tooth. Autoclavable up to 134°C / 273°F For cold sterilization. Easy assembled / disassembled with a click

Description	Package Contains	Order Number
Band Pusher	1	ECi0876
Rubber cap	2	ECi0876-E

**Contouring Plier (Gordon)**

- For bands & anterior stainless steel crowns
- Stainless steel
- Box joint

Package Contains	Order Number
1	i00137

**Contouring Plier (Johnson)**

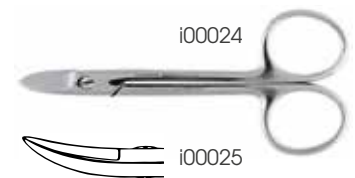
- Concave and convex tips for contouring bands
- Stainless steel

Package Contains	Order Number
1	i00114

**Band Cisors**

- Made to cut metal: bands & ligature twists

Description	Package Contains	Order Number
Straight tips	1	i00024
Curved tips	1	i00025

**Band Hammer**

Package Contains	Order Number
1	ECi0061

**Band Driver**

Package Contains	Order Number
1	ECi0060





i00545



i00576



i00579

### Direct Bond Removing Pliers

Description	Package Contains	Order Number
Hard tool steel insert		
▪ Narrow (2,2 mm)	1	i00545
▪ Wide (3,2 mm)	1	i00546
Thin tips	1	T00546
Angled for lateral and posterior sectors	1	i00576
Angled	1	T00545
With occlusal nylon tip	1	i00579
Replacement pads	10	ECi5791



### Direct Bond Remover - Angled

- Angled for lateral and posterior sectors

Package Contains	Order Number
1	ECi0564

### Universal Height Gage Tweezer

The first tweezer including a height gage specially made for SL brackets. Two tips hold the bracket into the wire slot for both .018 and .022 slots. The measure is precise from top to wire slot.

Available in 3.5mm, 4mm, 4.5mm and 5mm



Package Contains	Order Number
1	ECi0412

### Direct Bond Bracket Holder

Description	Package Contains	Order Number
Grooved tips	1	i00411
Reversed tweezer: Pressure releases the tips	1	ECi0414
Small	1	T00102
Curved tips for lateral or lingual bonds	1	i00412



i00411



i00412

### Tweezers for Little Lingual Brackets or Attachments

- Reversed tweezer: Pressure releases the tips
- The thin tips will fit between base and wings of a bracket

Description	Package Contains	Order Number
Version for brackets	1	ECi0221
Version for lingual retainer	1	i01102



### i-TTR Utility Tweezer

- Stainless Steel
- Thin tapered tips are serrated for additional grip
- Excellent general use utility tweezer
- Recommended for use with the RMO® i-TTR Lingual Bracket System

Package Contains	Order Number
1	ECi0452



### Reverse Action Tweezer

- For lateral and posterior sectors

Package Contains	Order Number
1	ECi0022





**Mathieu Narrow Tip**

- Precision made ligating instrument tips-safe beaks
- With ratchet lock handle
- Tips are serrated for positive gripping of ligature wires and modules
- Hook tip style for easy placement of elastic modules and gripping

**Package  
Contains**

1

**Order  
Number**

ECi0038



i00029

**Mathieu**

- With ratchet lock handle
- Tips are serrated for positive gripping of ligature wires and modules



i00030

**Description**

Serrated tips 2mm

**Package  
Contains**

1

**Order  
Number**

i00029

Serrated tips 3mm

1

i00030

Wide tips

1

T00032



ECM0876

Economical model, tips are not carbide coated, for use with elastic ligatures / Serrated tips (3 mm)

1

ECM0876



T00031

Mathieu-style needle holder with .020" groove at tips for non-slip placement of elastic ligatures and other intraoral elastics without crushing, eliminating premature failure

1

T00031

**Lingual Mathieu Plier - Angled**

- Thin and angled plier allowing to set up lingual ligatures
- Stainless steel

**Package  
Contains**

1

**Order  
Number**

ECiL0028

**Ligature Tying Plier (Coon)**

- Semi-automatic
- Locking channel is chamfered and burr-free to allow wire to slide before locking without being cut



Description	Package Contains	Order Number
Coon Model	1	i00153

**Module Placing Plier**

- For initial placing of force modules
- Ideal for placing ligatures and separators
- Easy access to difficult areas (posterior)
- Reduces module breakage
- Patient safe, easy spring-back action



Description	Unité de Vente	Référence
Module placing plier 1	1	i00810
Module placing plier 2	1	T00810

**Ligature Tucker and Tier (Twirl-On)**

- Ingenious, practical, rapid. The module is pre-stretched for insertion and is freed by pivoting the instrument (90°)
- The use of several instruments permits ligatures to be prepared in advance
- Dual sided model

Package Contains	Order Number
1	ECi0277

**Mosquito**

- 4.75" (12cm) long
- With locking handle
- Serrated tips for positive gripping



Description	Package Contains	Order Number
Regular	1	ECi0124
Curved	1	ECi0125

**Explorer Nr. 17, Dual Use**

- For ligature placement
- For easy removal of plastic ligatures without removing brackets

**Package  
Contains**

1

**Order  
Number**

ECi0275

**Ligature Remover - Silicon Handle****Package  
Contains**

1

**Order  
Number**

ECi0055

**Archwire Tucker - Silicon Handle****Package  
Contains**

1

**Order  
Number**

ECi0054

**i-TTR Wire Director**

- Stainless Steel
- Precision knurled handle
- Angled notched ends for directing wire in and around bracket
- Recommended for use with the RMO® i-TTR Lingual Bracket System

**Package  
Contains**

1

**Order  
Number**

T00701

**Metal Ligature Shaping Plier**

- Can make up to 50 ligatures at a time
- Shape a 5mm buckle with any ligature wire up to .014"



Package Contains	Order Number
1	i00158

**Ligature Tucker and Tier (Broussard™)**

- Stainless steel
- One end twists steel ligature into a tie
- The other tucks twisted wire



Package Contains	Order Number
1	i00274

**Ligature Tucker**

- Straight notched tip at one end for anterior brackets
- Angled notched tip at other end for posterior brackets
- Chamfered slots avoid breakage of ligature wires
- Tips are smoothed to avoid hurting tissue



Package Contains	Order Number
1	i00273

**Ligature Tucker**

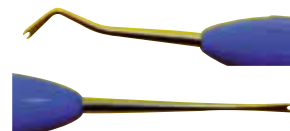
- Straight notched tip at one end for anterior brackets
- Angled notched tip at other end for posterior brackets



Description	Package Contains	Order Number
Small notch 0,6 mm	1	ECM0869
Round handle, Narrow notch	1	ECi0279
Large notch 1,0 mm	1	ECM0870

**Ligature Tucker - Silicon Handle**

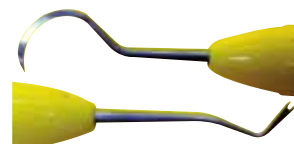
- Straight notched tip at one end
- Angled notched tip at other



Package Contains	Order Number
1	ECi0050

**Ligature Tucker & Scaler - Silicon Handle**

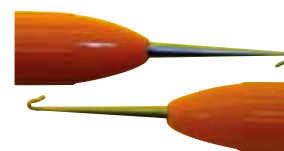
- Straight notched tip at one end
- Scaler at other



Package Contains	Order Number
1	ECi0051

**Ring Tie Placer - Silicon Handle**

- Thin tip to easily remove elastomeric rings



Package Contains	Order Number
1	ECi0052

**Lingual Ring Tie Placer - Silicon Handle**

Package Contains	Order Number
1	ECiL0876



### Loop Forming Pliers (Optical Type)

- Cone and concave beaks for round wires
- Concave beak is contoured for more uniform loops
- Round beak is precision ground to .047" at tip



T00351

Description	Package Contains	Order Number
For up to .032" (0.508mm) round wires	1	i00351
For up to .".022" x .028" rectangular wires	1	T00351



### Stop/V-Bend Plier

- Special design makes 1mm "V" bends to shorten arch wires or provide a positive stop
- Excellent for placing stops in Nickel Titanium wires
- Box joint

Package Contains	Order Number
1	T00221



### Arch Forming Plier (Young)

- Round beak on flat beak, for loop forming round wires (Quad-helix, Hawley, ...)
- Three grooves of different sizes are used to fold wires up to .028" for insertion in a lingual sheath

Package Contains	Order Number
1	ECi0074



### Hawley Loop Forming Plier

- Round beak on flat beak, for Hawley loop forming

Package Contains	Order Number
1	ECi0966



### Lingual Arch Forming Pliers

- Designed to form double back and triple back bend in either .030" (0.762mm) or .036" (0.914mm) wire for inserting in lingual sheaths
- Double back groove is close to the plier joint to assure adequate forming
- Recommended for use with 3D® FIXED/REMOVABLE™ (Wilson®) for palatal activation appliances

Description	Package Contains	Order Number
Plier 1	1	i00420
Plier 2	1	T00420

## Loop Plier (Tweed)

- Tips precision milled, stainless steel
- Three step loop former: .047" (1,2 mm) .063" (1,6 mm) and .083" (2,1 mm)
- Grooved and serrated opposing tip for very small loops (up to .020" - 0,5mm)



Package Contains	Order Number
1	i00350

## Loop Pliers (Tweed)

- Includes one extra replacement tip
- It has three sections of .047" (1,2 mm) .063" (1,6 mm) and .080" (2 mm) or two sections depending of models
- Concave beak prevents wire nicking and ensures more uniform loops; for making Omega loops
- For up to .020" (0.508mm) wire



i00548

Description	Package Contains	Order Number
Triple tips model	1	ECi0541
Replacement tips for ECi0541	2	ECi5410
Double tips model	1	i00548
Replacement tips for i00548	2	i00549
.012" - .020" (0.305mm - 0.508mm) Round	1	T00350
.016" x .022" (0.406mm x 0.559mm) Rectangular	1	T00350
Replacement tips for T00350	1	T00350T



T00350



T00350T

## Loop Forming Plier (Jarabak)

- Ideal for precise bending of lighter wires.
- Precision groves ensure accurate bending and closing of loops. Designed with tips.
- Wires up to .20" (0,5mm)

Package Contains	Order Number
1	i00530





### Waldsachs Plier

- Suitable for forming of heavy wires, cuts wire up to .028"
- Ideal for laboratory use

**Package  
Contains**

1

**Order  
Number**

ECi0170



i00139



T00138

### Wire Bending Pliers Angle (Bird Beak Type)

- Tips meet very precisely
- Cone and pyramid shaped tips
- Carbide coated tips for better grip of wire and longer lifetime
- For up to .022" x .025" wire and round up to .028"

#### Description

Regular

**Package  
Contains**

1

**Order  
Number**

i00139

With carbide jaw and adjustable axial lock

1

i00539

.020" - .032" (0.508mm - 0.813mm) Round

1

T00138

.022" x .028" (0.559mm x 0.711mm) Rectangular



### Bird Beak Plier with Cutter

- Conical tip and pyramid-shaped tips, longer than the Angle plier
- A thin conical tip which permits to work on arches up to .020 Cuts wire

**Package  
Contains**

1

**Order  
Number**

ECi0840



### Light Wire Pliers

- Longer, more gradually tapered beak than the Bird Beak Plier
- Longer beaks make it easier to bend small diameter loops

#### Description

For working light round wires up to .020" (0.508mm)

**Package  
Contains**

1

**Order  
Number**

i00140



**Three Jaw Clasp Adjusting Pliers (Aderer Type)**

- Tips for rounded or dimensional wire up to .045" (1.016mm)
- Exact shape and position of beaks will avoid squeezing and marking of wire

Description	Package Contains	Order Number
Wire up to .045"	1	ECi0203
Wire up to .040"	1	i00200
Precision tips • .018" - .032" (0.457mm - 0.813mm) Round • .022" x .028" (0.559mm x 0.711mm) Rectangular	1	T00201
Wire up to .030"	1	i00201
Wire up to .028"	1	ECi5130
Wire up to .016" (thin tips) (recommended for NiTi wires)	1	ECi0843
Wire up to .028" (thin tips) (recommended for NiTi wires)	1	i00035
TTR plier	1	ECi0451
Up to .028" wire	1	ECi0845

**Three Jaw Clasp for Facebows**

- Extra hard stainless steel prevents wire damage

Package Contains	Order Number
1	i00100

**Wire Contouring Plier**

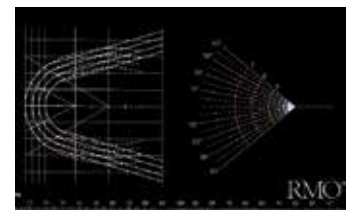
- Smooth, non-grooved surface with chamfered forming surfaces for stress free bending
- Box joint
- .016" - .036" (0.406mm - 0.914mm) Round
- .022" x .028" (0.559mm x 0.711mm) Rectangular

Package Contains	Order Number
1	T00204

**Arch Forming Template**

- Ideal for arch forming adjustments and horizontality control
- Black hard 8 mm thick altuglasss plaque
- Dimensions: 204 mm x 128 mm
- Side 1: reproduce 5 pentamorphic Ricketts arch forms
- Side 2: for arch flatness control

Package Contains	Order Number
1	ECi0508





### Cinch Back Plier

- This plier is made with the optimum angle for working behind the buccal tube
- Serrated tips are tapered to a fine point allowing access to hard-to-reach areas
- Box joint
- .014" - .020" (0.356mm - 0.508mm) Round
- .022" x .025" (0.559mm x 0.635mm) Rectangular

**Package  
Contains**

1

**Order  
Number**

**T00159**



### Step Pliers

- Step plier is equipped with a double-sided offset beak for bayonet style step bend
- Creates right hand or left hand step-up or step-downs
- .012" - .020" (0.305mm - 0.508mm) Round
- .022" x .028" (0.559mm x 0.711mm) Rectangular

#### Description

Bayonet - .50mm

Bayonet - 1mm

**Package  
Contains**

1

1

**Order  
Number**

**T00132**

**T00134**

### NiTi Crimping Pliers

- Forms a smooth bend or crimp without nicking Nickel Titanium wire
- .022" x .028" (0.559mm x 0.711mm) Rectangular



#### Description

Regular

NiTi Bending Plier

.018" x .025"

**Package  
Contains**

1

1

1

**Order  
Number**

**T00160**

**i00161**

**ECi0887**

### Angulation Plier

- For quickly and safely creating an angulation into steel arch only, even inside the mouth.
- The line and the parallelism of the arch will not change
- 10° angulation
- Stainless Steel, Tungsten-Carbide insert



**Package  
Contains**

1

**Order  
Number**

**ECi0190**



### Turret

- Turret with 5 arch formers of different diameters.
- For .022", .018" and .016" wires. The 5<sup>th</sup> arc former has only one groove for .022" wires.
- Black anodized aluminum.

**Package  
Contains**

1

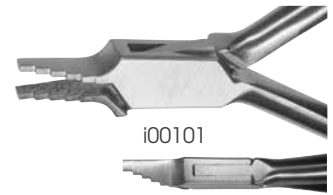
**Order  
Number**

**ECi0391**

**Closing Loop Pliers**

- Extra hard stainless steel
- For up to .022" x .028" wire and round up to .020"
- Radiused edges prevent wire damage

Description	Package Contains	Order Number
Permits 5 uniform vertical bendings (3, 4, 5, 6 & 7mm)	1	i00101
Forms precision loop with four-step tip (3, 4, 5 and 6mm)	1	T00001

**Tie Back Plier (Nance)**

- Forms stop and tie back loops on rectangular arch wire size only for .022 x .028 (0.558 x 0.711mm)
- Extra hard stainless steel

Package Contains	Order Number
1	i00002

**Arch Forming Pliers (Angle)**

- For bending, holding or torquing dimensional wires

Description	Package Contains	Order Number
Thin jaws are parallel at .020" opening • Plier 1	1	i00442
Thin jaws are parallel at .020" opening • Plier 2	1	T00442
Thin tips (1,3 mm)	1	ECi0443
Adjustable lock - w/o tungsteme / Thin tips (1.4 mm)	1	ECi0542





### Automatic Arch Former

- For round, square and rectangular wires
- 5 throats : .022", .020", .018", .017" & .016"

Package  
Contains

1

Order  
Number

ECi0009



ECi0945

### Bending Pliers

#### Description

- De la Rosa with notches
- De la Rosa without notch
- Hollow Chop

Package  
Contains

1

Order  
Number

ECOP0063

1

ECi0945

1

ECi0946



### Adams Plier

- Laboratory plier used to prepare Adams hooks
- Extra hard stainless steel

Package  
Contains

1

Order  
Number

ECi0515



i00129



T00130



ECi0987

### Crimpable Hook Pliers

- For attaching crimpable hooks securely to arch wires with minimum pressure
- Stainless steel

#### Description

- Plier 1
- Plier 2
- Plier 3
- Plier 4

Package  
Contains

1

Order  
Number

i00129

1

T00129

1

T00130

1

ECi0987



### Lingual Arch Placing Plier

- Holding plier for lingual .036 wire appliances
- Notch in the tips
- Allows a maximum visibility in the insertion line
- Stainless Steel

Package  
Contains

1

Order  
Number

ECi0186

### Torquing Pliers

- For quickly and safely creating a torque to a single bracket section
- The arch will not turn out from the plier



#### Description

- Plier
- Torquing key designed for 4 arch thicknesses .016" .017" .018" .021"

Package  
Contains

1

Order  
Number

ECi0873

1

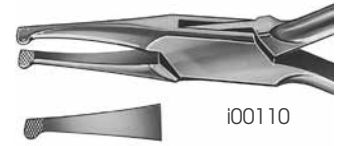
ECi0874

## INSTRUMENTS: UTILITY PLIERS

**How Pliers**

- Extra hard stainless steel
- Good all around utility plier has long slender lip-safe beaks
- Tips are serrated and hard carbide coated for additional grip
- Lip-safe edges at box and beaks
- Tips are precisely adjusted

Description	Package Contains	Order Number
Straight beaks 1	1	i00110
Straight beaks 2	1	T00110
Curved beaks 1	1	i00111
Curved beaks 2	1	T00111

**Utility Pliers (Weingart Style)**

- Stainless steel
- Tips are delicate and meet precisely so that even small attachments can be firmly held
- General purpose utility plier with curved beaks
- Inserted tempered tips for longer life
- Serrated and lip safe

Description	Package Contains	Order Number
Regular	1	i00556
Long chisel tip model	1	iA0556
Mini model	1	i00586
Fully serrated cross-cut inserted tip	1	T00556
Short lingual plier	1	ECiL0556

**Crimp Plier**

- Multi purpose plier with pointed beaks in extra hard stainless steel

Package Contains	Order Number
1	ECi5600





i00567



i00568

### Flush Distal End Cutters with O-Ring

- Hardened insert
- Wire up to .022" x .028" (0.559mm x 0.711mm) and up to .026" (0.660mm) round
- O-ring ensures no direct contact, keeping a longer lasting sharpness

Description	Package Contains	Order Number
Short cutter	1	i00567
Long cutter	1	i00568
Replacement o-ring	10	ECi0570



i00553



T00553

### Ligature and Hard Wire Cutters

- Stainless steel
- Cuts up to .022" x .028" (0.559mm x 0.711mm)
- Hard tool steel inserts

Description	Package Contains	Order Number
Stainless steel model	1	i00553
Black steel model	1	i00553S
Straight model	1	T00553
Angled model (15°)	1	T00553A



### Hard Wire Cutter

- Hard inserts
- Insert alloy combines hardness with a high corrosion resistance
- All edges of the pliers are carefully chamfered to increase safety of patient and doctor

Package Contains	Order Number
1	iA0553



### Heavy Wire Cutter

- Hard tool steel insert
- Cutting capacity up to .040" (1.016mm) in the rear area, .024" (0.610mm) in front

Package Contains	Order Number
1	i00265



### Heavy Wire Cutter

- Gearing down plier, permits to cut wires up to .070" effortlessly
- Plastic handles

Package Contains	Order Number
1	ECi0177

**Distal End Cutters With Safety Hold**

- Shear cuts hard wire and then safety holds the loose distal end to prevent wire from going into tissue
- Hard tool steel insert
- For up to .021 x .025 (0.534mm x 0.635mm) and .026 (.66mm) round wire
- Designed for intraoral cutting and lip safety
- Surgical stainless steel provides lasting beauty and durability

Description	Package Contains	Order Number
Regular • Plier 1	1	i00550
Regular • Plier 2	1	T00550
Small beak	1	i00554
Small beak and long handle	1	i00555
Cuts and holds arch wire within .5mm of the buccal tube • Long handle design allows better control behind second molars	1	T00554

**Standard Flush Cut and Hold Distal End Cutter**

- This unique design cuts wires flush with the buccal tube while holding fragments with a wire spring
- Box joint
- .012" - .020" (0.305mm - 0.508mm) Round
- .022" x .028" (0.559mm x 0.711mm) Rectangular

Package Contains	Order Number
1	T00566

**Distal End Cutter (Thin)**

- Hard inserts
- Insert alloy combines hardness with a high corrosion resistance
- All edges of the pliers are carefully chamfered to increase safety of patient and doctor

Package Contains	Order Number
1	IA0554







i00552



T00552



i00551



T00551



i00572

### Ligature Cutters

- Soft ligature wire only – up to .020" (0.508mm)
- All edges of lock are lip safe for intraoral use
- Fine tips for easy intraoral access
- Pliers will cut wires up to the very tip
- Hard tool steel inserts are diamond honed

Description	Package Contains	Order Number
Regular (up to .020")	1	i00552
Regular (up to .018" Soft wires)	1	T00552
Mini (up to .012")	1	i00551
Mini (up to .014" Soft wires)	1	T00551
Mini (up to .012") with long tip	1	i00571
Angled model (45°, up to .012")	1	i00572



### Ligature Cutter

- Hard inserts
- Insert alloy combines hardness with a high corrosion resistance
- All edges of the pliers are carefully chamfered to increase safety of patient and doctor

Package Contains	Order Number
1	iA0551

## Strips

Strips made of medical steel, double-sided diamond coated, sterilisable

Description	Color	Thickness	Package contains	Order Number
Strip (15 µm) Polisher, extra fine	Yellow	0,10mm	1	ECM0920
Strip (25 µm) Strip perforated, fine	White	0,15mm	1	ECM0921
Strip (40 µm) Strip perforated, medium	Red	0,20mm	1	ECM0922
Strip (60 µm) Strip perforated, coarse	Grey	0,25mm	1	ECM0923
Strip (90 µm) Strip perforated, extra coarse	Green	0,30mm	1	ECM0924
Strip (15 µm) Opener extra fine	Orange	0,10mm	1	ECM0925
Strip (40 µm) Opener medium	Red	0,20mm	1	ECM0926
Strip (40 µm) Double, medium	Blue	0,20mm	1	ECM0927
Strip (90 µm) Double, extra coarse	Black	0,30mm	1	ECM0928
Strip holder 2 orientations (straight & 45°)			1	ECM0937
Strip Stand 7 holes for sterilization			1	ECM0942



### Strips Sets in Aluminium Case

	Package Contains	Order Number
StarterSetStrips (6) incl. measuring gauge in aluminium case	1	ECM0941
Set with ECM0941 + Contra-angle ECM0943	1	ECM0940

## Incremental Thickness Gauge

The Incremental Thickness Gauge can efficiently and accurately measure and confirm the amount of interproximal enamel removal or contact reduction.

Package Contains	Order Number
6	ECM0881

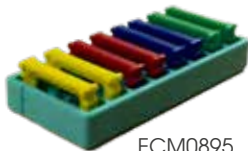


## Stripping Disk

- For hand piece (diam. 19 mm - thickness 0,17 mm)

Description	Package Contains	Order Number
CA : double face	1	ECM1063
HP : double face	1	ECM1053





ECM0895

### IPR Strip System

- Ergonomic single-handed design
- Provides optimal tactile control and reduces hand fatigue
- Will not remove excessive enamel
- Prevent sharp corners or subgingival ledges
- Effective for anterior teeth, with easy access to posterior areas
- Sterilization at 134°C

IPR STRIPS	Package Contains	Order Number
<b>Kit</b> (32 IPR Strips)	32	ECM0894
<b>Full Kit</b> (32 IPR Strips + 8 optional Strips)	40	ECM0880
<b>Assorted Package</b> (Yellow + Red + Dark Blue + Green)	16	ECM0893
<b>Yellow IPR Starter / 0.07mm</b> Single-Sided / Extra-Fine / Diamond Serrated	8	ECM0883
<b>Red IPR Opener / 0.12mm</b> Double-Sided Medium Diamond	8	ECM0884
<b>Dark Blue IPR Widener / 0.15mm</b> Double-Sided Coarse Diamond	8	ECM0885
<b>Green IPR Extra-Widener / 0.20mm</b> Double-Sided Coarse Diamond	8	ECM0886
<b>IPR OPTIONAL STRIPS</b>		
<b>Assorted Package</b> (Clear + Cyan + Purple + Brown)	16	ECM0882
<b>Blue Double Serrated Saw / 0.07mm</b> Blue heavy duty saw	8	ECM0897
<b>Clear IPR Single-Sided Opener / 0.10mm</b> Single-Sided Med-Fine Diamond Serrated	8	ECM0887
<b>Cyan IPR Single-Sided Widener / 0.15mm</b> Single-Sided Medium Diamond	8	ECM0888
<b>Purple IPR Super-Widener / 0.25mm</b> Double-Sided Coarse Diamond	8	ECM0889
<b>Brown IPR Mega-Widener / 0.30mm</b> Double-Sided Coarse Diamond	8	ECM0891
<b>Green IPR Super-Widener / 0.35mm</b> Double-Sided Coarse Diamond	8	ECM0899
<b>Green IPR Super-Widener / 0.40mm</b> Double-Sided Coarse Diamond	8	ECM0896
<b>Green IPR Super-Widener / 0.50mm</b> Double-Sided Coarse Diamond	8	ECM0898
Tray for sterilization of IPR, up to 8 strips	4	ECM0895

### Inter-Proximal Reduction (IPR) strips

- Perforations eliminate tooth enamel damage from overheating
- Diamond-coating increases lifetime of strip
- Color-coded system for clear, concise differentiation between grain styles



ECM0817

Description	Grain	Thickness	Color	Package Contains	Order Number
Single Sided	Extra-Fine	0.07 mm	Red	10	I00720
Single Sided	Fine	0.10 mm	Blue	10	I00721
Single Sided	Regular	0.14 mm	Green	10	I00722
Double Sided	Extra-Fine	0.11 mm	Red	10	I00730
Double Sided	Fine	0.16 mm	Blue	10	I00731
Double Sided	Regular	0.20 mm	Green	10	I00732
Double side strips 150 x 6mm (non perforated)				12	ECM0817

**Universal Aligner Supplemental Instruments**

Surgical grade SS, ergonomic handles, quickly add desired features efficiently into any aligner for extra control over corrections.

**Tongue Star™ Plier**

Add tongue thrust protrusions as desired to lingual of aligners

Package contains	Order Number
1	T00577

**Hole Punch**

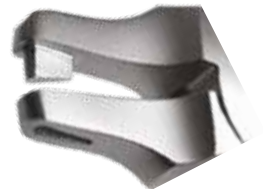
For relief around bonded button or bracket

Package contains	Order Number
1	T00571

**Tear Drop Hole**

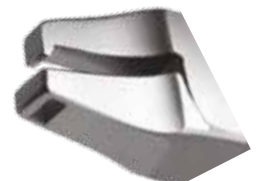
To add Elastic Hook.

Package contains	Order Number
1	T00572

**Horizontal Indent**

Indent to add root torque

Package contains	Order Number
1	T00573

**Vertical Indent**

Create mesial or distal indent for rotation overcorrection

Package contains	Order Number
1	T00574

**Eraser Plier**

Returns aligner surface to original shape post adjustment.

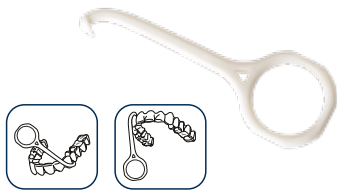
Package contains	Order Number
1	T00576

**Retention Dimple**

Creates round dimple to add retention as desired.

Package contains	Order Number
1	T00575





### Orthodontic Aligner Remover

- Pull ring style makes removing aligners quick and easy
- 10 individually packs removers per pack

Unité de Vente	Référence
10	j00554



### Cap Removal Instrument (RMO®)

- To remove caps from convertible tubes
- Replaceable blade provides leverage when removing cap
- Tip of blade fits securely in arch slot of tube
- Each packaged instrument includes 10 replacement blades
- Stainless steel handle and blade

Description	Package Contains	Order Number
Instrument	1	i00557
Replacement blades	5	i00559



### Cap Removal Plier

- This precision stainless steel instrument uses joint plier transfer to shear off convertible caps effortlessly with one fluid motion
- The slender rail design allows doctors to easily access the buccal region with little obstruction
- The blade tips feature a filleted design allowing for an easy, low-force cap removal
- Can be used on any convertible buccal tubes as well as convertible brackets
- Each packaged instrument includes two replacement blades

Description	Package Contains	Order Number
Instrument, 2 replacement blades	1	i01200
Replacement blades	5	i01201



### Hex Wrench

- Stainless steel with hard steel tip
- For use with RM® Lock

Package Contains	Order Number
1	i00034



### Alpine SL® Opening Tool

- Stainless Steel
- Precision designed tip custom fit for opening Alpine SL® bracket clip
- Angled notched end for directing wire in and around bracket
- Tapered shaft on both ends for increased stiffness and precision
- Recommended for use with Alpine SL® and Alpine SL® Clear brackets

Package Contains	Order Number
1	T00551



### Spatulas

- Stainless steel

Description	Package Contains	Order Number
Cement spatula (19 cm long)	1	ECM0314
Cement spatula (Ward)	1	ECM0317
Wax spatula (16 cm long)	1	ECM0315
Black spatula for composite	1	ECi0875

**GEAW Plier**

The Geaw Plier is specially designed to bend GUMMETAL wires for the GEAW system. The two sides of each beak of this plier are circular in shape with a diameter of 1.3mm to allow bending of a loop on either side.

The beak has a configuration of four step pyramid.



Package Contains	Order Number
1	ECi0884

**Drill Holder**

- Secures copper soldering electrode (ECM1001) during soldering

Package Contains	Order Number
1	ECi0106

**Over Fire Tweezer**

- Isolated handles

Package Contains	Order Number
1	i00012

**Plaster Knife**

Package Contains	Order Number
1	i00039

**Wax Knife**

Package Contains	Order Number
1	ECi0871

**Liberty Bielle Fix® Screwdriver**

Package Contains	Order Number
1	ECM3071

**Fitzgerald X-Ray Holding Unit Rubber Bite Block**

Description	Package Contains	Order Number
Large	2	i00364
Small	2	i00365

**SCHWERT ULTRA Mouth Mirrors**

Our mouth mirrors are characterized by a glare-free and smooth black surface, which prevents annoying light reflections and are also extremely resistant. The Rhodium-coated mirror shows a sharp and distortion free image through reflective metal layer directly on glass' surface.

Description	Package Contains	Order Number
Mirror Ultra Rhodium 22mm	3	ECi0080
Mirror Ultra Rhodium 22mm - bifurcated stem	3	ECi0081
Mirror Ultra Rhodium 24mm	3	ECi0082
Mirror Ultra Rhodium 24mm - bifurcated stem	3	ECi0083
Handle	3	ECi0084



ECi0080



ECi0083

**Bow Divider**

- Up to 5cm between spikes

**Package  
Contains**

1

**Order  
Number**

ECi0395

**Golden Divider**

- Describes/identifies "the divine proportion" in nature.
- In orthodontics, the divider is used to measure harmonious relationships in the face, radiographs and dental models
- Stainless steel - can be sterilized
- Size : 165 x 60mm (Closed)

**Package  
Contains**

1

**Order  
Number**

ECi0394

**Clinical Caliper (Zürich model)**

- Precision instrument, to measure distances accurate to within 1/10 mm
- Short (1 cm) and curved handles to permit intraoral measurements
- Double system: open, for inner measurements, and closed, for outer measurements
- Graduated slide, ideal for measuring an overjet
- Stainless steel, can be sterilized

**Package  
Contains**

1

**Order  
Number**

ECM0118

**Dynamo Correx****Description**

0-100g  
25-250g  
50-500g  
200-1000g

**Package  
Contains**

1

**Order  
Number**

ECM0832

1

ECM0833

1

ECM0834

1

ECM0835

**Boon Positioning Gauge**

- Standard heights : 3,5 - 4 - 4,5 - 5 mm

**Description**

With pointed tips  
For .018" bracket slot - stainless steel  
For .022" bracket slot  
Positioning gauge (total height: 8 mm)  
Each leaf = 1/8 mm

**Package  
Contains**

1

**Order  
Number**

ECM0860

1

ECi0861

1

ECi0862

3

ECM0053

**Elastics Selector Gauge**

This instrument allows you to quickly and easily select the most suitable elastic for your treatment according to the following doctors study : Sergio Sambataro, Salvatore Bocchieri, Luigi Bafumi, Luca Fiorillo, Gabriele Cervino & Marco Cicciù.

Scan the  
following QR  
code to read  
the study


**Package  
Contains**

1

**Order  
Number**

ECi0390



## Instrument Rack

Description	Package Contains	Order Number
Transparent Plexi-glass Stores 8 to 10 pliers	1	ECM0822
Metallic Stores up to 15 pliers	1	ECM0823
Instrument Rack in Resistant and Transparent Plexiglass , White Base	1	ECJ0450
Double Cylinder in Resistant and Transparent Plexiglass , White Base <ul style="list-style-type: none"> <li>Diameter of the outer cylinder : 101 mm</li> <li>Height 108 mm</li> <li>Diameter of the inner cylinder (for instruments and straight wires): 32 mm</li> </ul>	1	ECJ0451



ECM0822



ECM0823



ECJ0450

ECJ0451

## Identification Rings for Instruments

- Allows each individual instrument to be identified by color code
- Resistant to sterilization

Description	Package Contains	Order Number
Black	50	ECM8004
Yellow	50	ECM8005
Red	50	ECM8006
Blue	50	ECM8007
White	50	ECM8008



## Silicone Lubricant for Instruments

Odourless, efficient at high temperatures (204°C).

Description	Package Contains	Order Number
Spray lubricant for instruments (400 ml)	1	ECM1070
Plier lubrication	3	ECI0150



ECM1070



ECI0150

## Neodisher®IR • Detergent, Liquid Concentrate

For the thorough cleaning of surgical instruments made of stainless steel in immersion baths and ultrasonic baths. Tarnish, rust film and extraneous rust are removed. Observe product data sheet before use.

Package Contains	Order Number
1	ECM1072





# 12

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## HYGIENE

Many factors come into play for a successful orthodontic treatment.

Whether for your fixed treatments or aligners, patient hygiene is one of them.



## Sanitizer Gel

Hydro-alcoholic disinfectant gel for hygienic treatment or surgical disinfection of hands by friction..

### Benefits

- Hypoallergenic, without additives
- Good skin tolerance
- Allows donning gloves
- Not fat.
- neutral pH

### Microbiological activities

- Bactericidal effect: according to EN1040,1276 (*Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus*, *Anterococcus Hirae*) and EN1500
- Virucidal effect: according to EN 14476 (Influenza Virus A, H1N1)
- Yeastcidal effect: according to EN1275 (*Candida Albicans*)

### Composition

- Ethanol, 2-Propanol, purified water

Description	Package contains	Order Number
Bottle - 500mL	1	ECM8151



Dimensions (mm) : L 506 – H 337 –P 174

## Nebucid HP

Easy to use, motivating for users, Nebucid® HP makes your hands sanitizing process a nice moment.

- No Touch patented system
- Hygienic disinfection chamber
- Easy to install and to operate
- Wall- or column mounting,
- Economical, adjustable dosage
- Integrated drip tray, no spots on the floor
- High-quality robust stainless steel housing
- Lockable filling system, for a better safety
- Quick bottle exchange
- Bottle replacement compartment inside
- Long battery operating time

Description	Package contains	Order Number
Nebucid HP (battery version)	1	ECM8170
Metalic Stand (option)	1	ECM8172
5L refilling	1	ECM8177

## Disposable Toothbrushes



Description	Package contains	Order Number
Disposable toothbrushes	100	ECM8020





# 13

## LABORATORY

Since 1965, RMO® Europe has always accompanied orthodontists in their different treatment phases.

It is the same for the dental laboratories with a selection of RMO® products and from our different partners.

## CONTENTS

- 270** Fulcrum Range
- 273** Burners
- 275** Laboratory Burs
- 277** Moulding
- 280** Thermoforming
- 285** Retainer Wires
- 289** Expansion Screws
- 298** Laboratory Wires
- 300** Articulators
- 306** Equipment

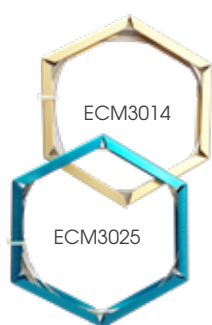






### Fulcrum Herbst Appliance - OHA (Orthèse Herbst-Amoric)

Herbst appliance with sliding pivots allowing a certain lateral movement. You just need to slide the pivot along the wire into the desired position and tighten it with the self-blocking screw. Once in position it is integrated into a thermoforming plate. The manufacturing time is reduced with no risk of weld failure. By matching herbs and a removable appliance we benefit from better tools to orient the growth.



Description	Package Contains	Order Number
Pair of Hinges with sliding pivots	1	ECM3011
Pivots and screw Kit	10	ECM3015
	100	ECM3015-2
Dr Amoric's book - French only	1	ECM3016
1mm Propulsion shafts	10	ECM3018
2mm Propulsion shafts	10	ECM3013
Screw	10	ECM3017
Pivot	10	ECM3019
Maxillary Hinge	2	ECM3020
Mandibular Right Hinge	1	ECM3021
Mandibular Left Hinge	1	ECM3022
5m of .072x.036 wire	1	ECM3014
5m of 0.8mm round lab wire	1	ECM3025



### Positioners

Rebasable positioner with food silicone, anatomical shape digitaly designed.

#### Usage

- As eruption usage guide when going from mixt dentition to permanent teeth and aligning the anterior sector
- As a positioner (after set-up and silicone adition)
- As a retainer (after silicone adition)

Package in a storage box.



Description	Package Contains	Order Number
Universal positioner (blue box)	1	ECM0130
Positioner 0mm propulsion (green box)	1	ECM0131
Positioner 4mm propulsion (yellow box)	1	ECM0132
Positioner 6mm propulsion (red box)	1	ECM0133
Silicone cartridge (50ml)	1	ECM0134
Silicone gun	1	ECM0135
Mixing tip	10	ECM0136

## Lingual Screens

The lingual screen is a piece of choice in the orthodontic treatment of the anterior intraclusion, what ever arch shape. Associated to a thermoShaped splint it forces the tongue to position itself in the pallet avoiding the anterior contact.

Description	Package Contains	Order Number
Lingual screens (5 units) + storage box	1	ECM3026



## Plates

Thermoforming plates are soften by heat in order to be used on a model and take its shape.

Standarcryl plates are transparent, round in a diameter of 125mm.

The Modelpack plates are white (0.4mm thick and 125mm round). They give a perfect shiny finish to your plaster models.

Description	Biostar Machine Code	Package Contains	Order Number
Modelpack plate 0.4mm	131	25	ECT0098
Standarcryl plate 0.5mm	142	25	ECT0102
Standarcryl plate 1.5mm	187	10	ECT0099
Standarcryl plate 2.0mm	207	10	ECT0100





### Frontal Guiding Bars (Scheu - Dr Hinz)

For treatment of Angle Class II cases (lower jaw retrusion/distal occlusion) by means of bimaxillary appliances as well as for bilateral upper jaw expansion in growing children using an expansion screw. Made of the nickel-free alloy MENZANIUM® – nickel trace elements from 0 to 0.2 % are procedurally possible.

Description	Package Contains	Order Number
Frontal guiding bars height 14 mm and diameter 1,2 mm.	5 pairs	ECS2329
Angle tester acc. to Adamik	1	ECS2332
Hinge fixator	1	ECS5374



### IST® Kit HF 9

Intra-oral anti-snoring device, pressure-moulded. Connection between upper and lower jaw is achieved by continuously adjustable HF telescope. Lower jaw and tongue are advanced by protrusion.

Contents: 2 telescopes, 4 DURAN® (2.0 mm), 4 ISOFOLAN®, resin, 4 fastening elements with O-ring, 4 anchors, Alastik chain, silicone tube, security key, SD box for patient, occlusion trainer, 2 cleansing powder bags of 15 g, instructions and patient information.

Description	Package Contains	Order Number
IST® Kit HF 9	1	ECS5461
Hinge HF 9 • min. length 22mm • max. length 39mm stroke = 9mm • length to be activated = 5mm	1 pair	ECS5450
Hinge HF 15 • min. length 28mm • max. length 51mm stroke = 15mm • length to be activated = 5mm	1 pair	ECS5452
Fastening elements for IST® appliance	4 pairs	ECS5457
Fastening elements for IST® and Herbst appliances	4 pairs	ECS5468



### OPM Kit

For simple fabrication of a pressure moulded OPM protrusion splint in snoring therapy. Activation is done in 1mm steps by replacing the plastic bars on both sides. Kit includes 6 pairs of plastic bars (25 - 30 mm long), 4 fastening elements with O-rings, 1 bag of cleansing powder of 15 g, occlusion trainer, silicone protection tube.

Description	Package Contains	Order Number
OPM kit	1	ECS5495
Positioning aid for OPM Plastic bars (O°/O°)	1	ECS5496
OPM Plastic bars (25 - 30mm)	6 pairs	ECS5494

## Mini-Flam Blowtorch

Accurate welding torch, adjustable intensity, from small to large flame

Description	Package Contains	Order Number
Mini-Flam Blowtorch	1	ECM0322
Gaz bottle	1	ECM0323



## Micro-Burner

Piezo ignition system. Accurate adjustment of intensity and output of the flame.

Description	Package Contains	Order Number
Micro-burner	1	ECM0354
Gaz bottle	1	ECM0325



## Welding Accessories ISOFLAM Paste

Insulates materials from heat up to 3,000°C, prevents burning.

Package Contains	Order Number
1	ECM0329



**RMO® Silver Solder**

Description	Package Contains	Order Number
3,1mm x 4mm rectangles	100 pieces	H00116
3,1mm x 6mm rectangles	100 pieces	H00117
0.6mm x 3mm x 3" (7.6cm) bar strips - standard	4 strips	H00021
1mm x 3mm x 3" (7.6cm) bar strips - heavy	4 strips	H00020
Wire – 5 pennyweight (.25 oz.) spool 28ga. - .013"	1 spool	H00025
Wire – 5 pennyweight (.25 oz.) spool 25ga. - .018"	1 spool	H00024
Wire – 5 pennyweight (.25 oz.) spool 22ga. - .025"	1 spool	H00119
Wire – 5 pennyweight (.25 oz.) spool 20ga. - .032"	1 spool	H00049









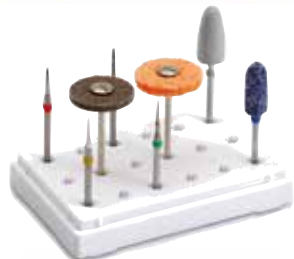




\*Silver solder melts at 1125° F (607°C)

**Auxiliaries for Soldering**

Description	Package Contains	Order Number
Tru-Chrome® Paste Flux for flame soldering, 1oz.	1 each	J00042
Fluid Flux for electro soldering, 1oz. (not for flame soldering)	1 each	J00041



## Laboratory Burs

Description	Package Contains	Order Number	
Flexible polisher	6	ECM1002	
Flexible polisher	6	ECM7020	
Vacuum form acrylic cutter	5	ECM1022	
Mandrel for discs (hand pcs)	5	ECM1006	
Finishing burs	5	ECM1011	
Silicone polisher strips	6	ECM1013	
Mandrel for sandpaper	5	ECM1005	
Biostar Laboratory (8 pieces) ECM1011, ECM1013, ECM1002, ECM1004, ECM1022, ECM1005, ECM1006 & ECS3226	1	ECM1020	
Finishing set Set containing eight grinding instruments for cutting, trimming and finishing of soft-elastic and hard-elastic material. With color coding for easy identification.	1	ECS3378	
BIOPERM bur	2	ECS3226	
POLYFIX for trimming and final polishing of soft-elastic and compound material, brown.	1	ECS3371	
POLYFIX disks	6	ECS3372	
OSAMU Polisher Finishing and polishing of soft-elastic and compound material.	2	ECS3247	

## Laboratory Burs

	Description	Package Contains	Order Number
	DIMO®. Stable and flexible trimming wheels with prolonged processing time, three types of grains, incl. mandrel. Application: Trimming and initial polishing of elastomer, sandwich material, mouth guard and orthodontic appliances.	10/50	<b>ECS3382</b>
	▪ Braun coarse	10/50	<b>ECS3383</b>
	▪ Green medium	10/50	<b>ECS3384</b>
	▪ Maroon fine	10/50	<b>ECS3380</b>
	DIMO® PRO. Trimming wheel made of special elastomer with fine fibrous structure, extremely long working time, incl. mandrel. Application : For finishing large-scale marginal areas and for final and high-gloss polishing of splints, positioners, mouth guard and orthodontic appliances.	10/50	<b>ECS3381</b>
	▪ DIMO® PRO wheel 24 x 6 mm	10/50	<b>ECS3381</b>
	▪ DIMO® PRO SLIM wheel 24 x 4 mm	10/50	<b>ECS3376</b>
	Sandpaper (50 m) to pass quickly on frosted edges	1	<b>ECM1009</b>
	Serrated disc (diameter 16 mm)	10	<b>ECM1004</b>
	Disk to separate plaster (diameter 22mm)	100	<b>ECM7038</b>
	Steel cutting disc (diameter 22mm)	100	<b>ECM7039</b>



## Bowls

Description	Package Contains	Order Number
Alginate bowl 600cc	1	ECM7006



## Spatulas

Description	Package Contains	Order Number
Plastic for plaster and alginate	1	ECM7041



## Plaster Cutter & Knife

To prepare and trim the model

Description	Package Contains	Order Number
Plaster Cutter	1	ECM7042
Plaster Knife	1	ECT0003



## Rubber Model Base

Columbia model, pre-cut. Flexibility of the rubber simplifies removal of the model. Ensures uniformity of model bases (American size form).

Description	Package Contains	Order Number
Small	1 pair	ECM0201
Medium	1 pair	ECM0202
Large	1 pair	ECM0203
Extra large	1 pair	ECM0204



## Plastic Model Bases (Dr Hinz)

"American size" form, protects models and maintains occlusion. Manufactured of extra-hard polystyrene. Simplify case classification with tri-dimensional model holder. Delivered with illustrated instructions.

Description	Package Contains	Order Number
"American size" bases with hinges	10 pairs	ECM0218
Replacement hinges	10	ECM0218C
Tridimensional model holder	1	ECM0219





### Model Storage Boxes (cardboard)

- 3 sets of models per box.

Description	Package Contains	Order Number
Standard model (22 x 15.5 x 5 cm)	100	ECM0208



### RMO® Europe Plaster

for orthodontic purpose

Description	Package Contains	Order Number
Hard • Handling: 7 to 8mn • Setting: 12 à 14mn • Expansion: 0,18% •	25kg	ECM0342
Extra-Hard • Handling: 5 to 6mn • Setting: 10 à 12mn • Expansion: 0,13% <sup>2</sup>	25kg	ECM0344



### Snow White Plaster

Fast Setting White Plaster

Description	Package Contains	Order Number
<ul style="list-style-type: none"> <li>Setting 3-5 min</li> <li>Expansion after 2 h 0,01-0,12 %</li> <li>Compressive strength after 1 hour &gt; 25 N/mm</li> <li>Mixing ratio: 100 g : 94 ml</li> </ul>	18kg	ECM0245



### Insulating Agents

To isolate plaster models during the manufacture of positioners and mouthguards. Guarantees absolute transparency and smooth interior surfaces.

Description	Package Contains	Order Number
For plaster	0,5 l	ECS8364
For thermoforming technique (Bioplast)	0,5 l	ECS3189



### Biocryl® Resin

Special orthodontic acrylic for attaching clasp arms and relining expansion screws when pressure-moulding retention and expansion plates.

Description	Package Contains	Order Number
Polymer (400 g)	1	ECS3221
Polymer (1 kg)	1	ECS3221-2
Monomer (250 ml)	1	ECS3218
Monomer (500 ml)	1	ECS3218-2

### Steady Resin S

Cold-curing resin for the "salt and pepper" technique. This polymer meets the requirements of the "salt and pepper" technique, such as high stability and optimum wettability.

Description	Package Contains	Order Number
Polymer (1kg)	1	ECS8134

### Steady Resin M

Cold-curing resin for the "premix" technique. Characterised by a wide processing range and excellent modelling properties.

Description	Package Contains	Order Number
Polymer (1kg)	1	ECS8135

### Résine Steady S+M

Le monomère peut-être utilisé universellement pour toutes les versions de polymères Steady. Le monomère coloré peut être mélangé avec les monomères colorés Steady.

Description	Package Contains	Order Number
Monomer, clear (0,5l)	1	ECS8136
Monomer, pink (0,5l)	1	ECS8137



### Steady Resin Coloured Monomer

Ready-to-use coloured monomers for use with STEADY-RESIN S, and M. Flacon de 100 ml.

Description	Package Contains	Order Number
Blue	1	ECS8351
Yellow	1	ECS8352
Red	1	ECS8353
Black	1	ECS8354
Green	1	ECS8355
Purple	1	ECS8356



### Methax Ortho

Description	Package Contains	Order Number
Methax Ortho Liquid 1000 ml Clear	1	ECM4204
Methax Ortho Powder 1 Kg	1	ECM4203



### Mica

For individual use with STEADY-RESIN polymer. 50g bottle.

Description	Package Contains	Order Number
Silver	1	ECS8144
Gold	1	ECS8145
Blue	1	ECS8146
Red	1	ECS8147
Green	1	ECS8148



### Pellets

Stainless steel pellets (1kg)

Package Contains	Order Number
1	ECS3222

### Pellets Cover

Used for covering stainless steel pellets while pressurising splints. Cover is reusable and avoids adhesion of pellets to the heated soft material.

Description	Package Contains	Order Number
Large	5	ECS3006
Small	5	ECS3007



### Thermoforming Material

Many different plates foils exists covering most of orthodontic needs. Each one will exist in different thicknesses & colors, round or square. They all have a code that will automatically set the Biostar to the best settings for each one. We recommend to use the proper burs for each type of foil. The Scheu Dental foils are non toxic according to the DIN V13930 standard and totally biocompatible.

**They can also be provided upon request in 120mm.  
Larger quantity packaging is also available upon request.**



#### Biocryl® C

Break-resistant acrylic material of pure PMMA, monomer-free, without allergenic irritants, bonds to acrylic. Application : Immediate dentures, orthodontic plates and retainers

Description	Shape	Color	Package Contains	Order Number
2,0 x 125 mm	Round	Clear	10/100	ECS3147
2,0 x 125 mm	Round	Red	10	ECS3149
2,0 x 125 mm	Round	Blue	10	ECS3150
2,0 x 125 mm	Round	Yellow	10	ECS3151
2,0 x 125 mm	Round	Pink clear	10/100	ECS3152
3,0 x 125 mm	Round	Clear	10/100	ECS3153



#### Biocryl® M

Hard-elastic, monomer-free material, without allergenic irritants, bonds to acrylic. Application : Orthodontic plates and retainers

Description	Shape	Color	Package Contains	Order Number
2,0 x 125 mm	Round	Multicolor Kit	10	ECS3228
2,0 x 125 mm	Round	Polka - dots	10	ECS3229
2,0 x 125 mm	Round	Zebra	10	ECS3230
2,0 x 125 mm	Round	Rainbow	10	ECS3231
2,0 x 125 mm	Round	Tiger	10	ECS3232
2,0 x 125 mm	Round	Camouflage	10	ECS3233



#### Imprelon®

Hard material, not elastic, bonds to acrylic. Application : Material in clear and opaque for impression and medical trays, material in white for chin caps and bite registration.

Description	Shape	Color	Package Contains	Order Number
2,0 x 125 mm	Round	Clear	10/100	ECS3164
3,0 x 125 mm	Round	Clear	10/100	ECS3168



#### Imprelon® S PD

Extremely break and abrasion resistant material. New formulation! Already pre-dried and vacuum sealed for instant use. Application : Miniplast splints, retention splints

Description	Shape	Package Contains	Order Number
0,5 x 125 mm	Round	10	ECS3320
0,75 x 125 mm	Round	10	ECS3322
1,0 x 125 mm	Round	10	ECS3324
1,5 x 125 mm	Round	10	ECS3326
2,0 x 125 mm	Round	10	ECS3328
3,0 x 125 mm	Round	10	ECS3330



#### Thermoforming plates for aligners

New generation of thermoformable plates in TPU (Thermoplastic Polyurethane) for aligners.

Description	Package Contains	Order Number
0.75mm x 125mm	10	ECT0110

## Duran®

Hard-elastic transparent material, bonds to resin.No pre-drying required.

Description	Shape	Package Contains	Order Number
0,4 x 125 mm	Round	10	ECS3470
0,5 x 125 mm	Round	10	ECS3411
0,625 x 125 mm	Round	10	ECS3409
0,75 x 125 mm	Round	10	ECS3413
1,0 x 125 mm	Round	10	ECS3415
1,5 x 125 mm	Round	10	ECS3417
2,0 x 125 mm	Round	10	ECS3419
3,0 x 125 mm	Round	10	ECS3421



## Duran® +

Hard-elastic transparent material, bonds to resin. With integrated insulation foil. No pre-drying required.

Description	Shape	Package Contains	Order Number
0,4 x 125 mm	Round	10	ECS3472
0,5 x 125 mm	Round	10	ECS3426
0,625 x 125 mm	Round	10	ECS3428
0,75 x 125 mm	Round	10	ECS3430
1,0 x 125 mm	Round	10	ECS3432
1,5 x 125 mm	Round	10	ECS3434
2,0 x 125 mm	Round	10	ECS3436



**Durasoft® PD**

Unbreakable, abrasion-resistant, transparent compound material with a hard and soft side. Hard side bonds to acrylic. Already pre-dried and vacuum-sealed for instant use. Application : Minplast splints, bruxism splints, occlusal splints

Description	Package Contains	Order Number
0,7 mm hard & 0,5 mm soft / 1,2 x 125 mm round	10/100	ECS3342
0,9 mm hard & 0,9 mm soft / 1,8 x 125 mm round	10/100	ECS3388
1,6 mm hard & 0,9 mm soft / 2,5 x 125 mm round	10/100	ECS3387
2,1 mm hard & 0,9 mm soft / 3,0 x 125 mm round	10/100	ECS3341
3,1 mm hard & 0,9 mm soft / 4,0 x 125 mm round	10/100	ECS3345



## CA<sup>®</sup> Pro & Pro+

For aligners with flexible elastomer layer.  
Pro + version contains an integrated insulating sheet.

Description	Package Contains	Order Number
CA Pro 0,5 x 125 mm	10	ECS3640
CA Pro 0,625 x 125 mm	10	ECS3641
CA Pro 0,75 x 125 mm	10	ECS3642
CA Pro+ 0,5 x 125 mm	10	ECS3644
CA Pro+ 0,625 x 125 mm	10	ECS3645
CA Pro+ 0,75 x 125 mm	10	ECS3646



## UNIQ & UNIQ+

Single-layer plates for aligners with lower initial force and constant force throughout treatment. UNIQ+ version contains an integrated insulating sheet.

Description	Package Contains	Order Number
UNI-Q 0,5 mm x Ø 125mm	10/100	ECS3647
UNI-Q 0,625 mm x Ø 125mm	10/100	ECS3648
UNI-Q 0,75 mm x Ø 125mm	10/100	ECS3649
UNI-Q+ 0,5 mm x Ø 125mm	10/100	ECS3651
UNI-Q+ 0,625 mm x Ø 125mm	10/100	ECS3652
UNI-Q+ 0,75 mm x Ø 125mm	10/100	ECS3653
UNI-Q+ 0,5 mm x 499 x 144 mm	10/100	ECS3657
UNI-Q+ 0,625 mm x 499 x 144 mm	10/100	ECS3658
UNI-Q+ 0,75 mm x 499 x 144 mm	10/100	ECS3659







### Bioplast® Multicolor

Soft, pliable rubber like material, does not bond to acrylic.  
Application : Coloured mouth guards, positioners

Description	Package Contains	Order Number
BIOPLAST® MULTICOLOR Germany	10	ECS3390
BIOPLAST® MULTICOLOR France	10	ECS3391
BIOPLAST® MULTICOLOR Italia	10	ECS3392
BIOPLAST® MULTICOLOR Spain	10	ECS3393
BIOPLAST® MULTICOLOR Sweden	10	ECS3394
BIOPLAST® MULTICOLOR Atlantis	10	ECS3397
Assortment (1 of each)	10	ECS3400



### Bioplast® Multicolor

Soft, pliable rubber like material, does not bond to acrylic.  
Application : Coloured mouth guards, positioners. Package contains : 10.

Description	Order Number
Blue-transparent	ECS3356
Red-transparent	ECS3355
White	ECS3445
Black	ECS3448
Neon red	ECS3352
Neon green	ECS3353
Azure	ECS3354
Assortment	ECS3271



### Bioplast® Xtreme

BIOPLAST® XTREME material is ideally suited for simple and safe preparation of individual mouth guard.

Hard V-shaped reinforcement layer ensures additional protection in the anterior region, allowing precise positioning in the desired extension.

Soft layer can be used for lamination with BIOPLAST® or for insertion of the counter bite.

Description	Package Contains	Order Number
BIOPLAST® XTREME red kit 5.0x125 mm	kit	ECS3283
BIOPLAST® XTREME blue kit 5.0x125 mm	kit	ECS3284
BIOPLAST® XTREME black kit 5.0x125 mm	kit	ECS3285
BIOPLAST® XTREME red 4.0x125 mm	10	ECS3295
BIOPLAST® XTREME blue 4.0x125 mm	10	ECS3296
BIOPLAST® XTREME clear 4.0x125 mm	10	ECS3298
BIOPLAST® XTREME black 4.0x125 mm	10	ECS3297
BIOPLAST® XTREME red 5.0x125 mm	10	ECS3286
BIOPLAST® XTREME blue 5.0x125 mm	10	ECS3287
BIOPLAST® XTREME black 5.0x125 mm	10	ECS3288
BIOPLAST® XTREME clear 5.0x125 mm	10	ECS3289



### Bioplast® Xtreme Pro

For professional sports where hard and flat impacts often occur. Additional hard-elastic for integrated reinforcement in the anterior region.

Kits come with 1 BIOPLAST® XTREME 4.0 x 125 mm, 1 BIOPLAST® clear 2.0 x 125 mm, 1 DURAN® 0.75 x 125 mm, 1 bag of 15 g cleansing powder, 1 BIOPLAST® insulating agent, retainer box.

Description	Package Contains	Order Number
BIOPLAST® XTREME Pro red kit	kit	ECS3292
BIOPLAST® XTREME Pro blue kit	kit	ECS3293
BIOPLAST® XTREME Pro black kit	kit	ECS3294

**Bioplast® / Bioplast® Bleach**

Soft pliable rubber like material, best suited for fabrication of bleaching splints.  
Material does not bond to acrylic.

Description	Shape	Color	Package Contains	Order Number
1,5mm	Round	Clair	10	ECS3183
2,0mm	Round	Clair	10	ECS3185
3,0mm	Round	Clair	10	ECS3187
4,0mm	Round	Clair	10	ECS3188
5,0mm	Round	Clair	10	ECS3374
3,0mm	Round	Bleu	10	ECS3356
3,0mm	Round	Rouge transparent	10	ECS3355
3,0mm	Round	Blanc	10	ECS3445
3,0mm	Round	Noir	10	ECS3448
3,0mm	Round	Rouge	10	ECS3352
3,0mm	Round	Vert	10	ECS3353
3,0mm	Round	Azur	10	ECS3354
3,0mm	Round	Assortiment	10	ECS3271
1,0mm	Ronde	Bleach	10	ECS3190

**Silicon Spray Lobosil**

Bioplast® plate insulation or 3D models

Package Contains	Order Number
400ml	ECM1071

**Copyplast®**

Visco-plastic material, does not bond to acrylic, opaque. Application : Duplication moulds, bleaching splints, bracket transfer masks, copings, moulds for temporary crowns and bridges

Description	Shape		Package Contains	Order Number
0,5 x 125mm	Round		10	ECS3177
0,75 x 125mm	Round		10	ECS3169
1,0 x 125mm	Round		10	ECS3179
1,5 x 125mm	Round		10	ECS3175
2,0 x 125mm	Round		10	ECS3181

**Copyplast® C**

Transparent, visco-elastic material, unbreakable and abrasion resistant, does not bond to acrylic. Application : Long term and invisible retainers, orthodontic splints

Description	Shape		Package Contains	Order Number
1,0 x 125mm	Round		10	ECS3403

**Isofolan®**

Foil ensures optimum insulation for plaster against resin in the pressure moulding technique. Best suited as spacer foil when pressurising hard-elastic material for splints.

Description	Shape		Package Contains	Order Number
0,1 x 125mm	Round		100	ECS3207







### OSAMU-Retainer® Kit

Transparent retainer acc. to Dr. Yoshii. Pressure-moulded using BIOPLAST® 1.5 mm and IMPRELON® S pd 0.75 mm and OSAMU Bond for optimal compound of material. The OSAMU-Retainer® Kit includes 10x IMPRELON® S pd (0.75 x 125 mm), 10x BIOPLAST® (1.5 x 125 mm) and 10 ml OSAMU-bond for fabrication of 10 retainers.

Description	Package Contains	Order Number
OSAMU-Retainer® Kit	kit	ECS3242
Osamu-Bond (10ml)	1	ECS3246
Osamu polisher (gris)	2	ECS3247



### Blue - Blokker

Light-curing, blue-transparent blocking-out and modelling putty with optimum flow properties. For fabrication of space holders for bleaching splints and medical trays as well as for sealing and blocking set-up models.

Description	Package Contains	Order Number
Kit 4x1,5g, 2 cannula 0,6mm, 8 cannula 0,9mm	1	ECS5276
Cannula micro 0,6mm	5	ECS5264



### Skin Packaging

Protection packaging for sending out high quality models, consisting of cardboard and coating foil.

Description	Package Contains	Order Number
Skin Packaging	100	ECS3206
Coating foils only (0,15 x 125 mm)	100	ECS3203



### Foam Discs

Foam discs can be used as space holder and insulation for pressure moulded impression trays, providing retention to impression material.

Package Contains	Order Number
10	ECS3444



### Durasplint® Kit

High-transparent cold-cure resin specifically designed for fabricating occlusal splints with adjusted occlusion. Very simple to use, little shrinkage, optimised trimming. Available as polymer and monomer or as a kit, incl. 200 g polymer and 100 ml monomer, mixing and dosing cup, 20 ml orthodontic insulating agent incl. brush, pipette, glass spatula and detailed instructions.

Description	Package Contains	Order Number
Durasplint® Kit	kit	ECS3257
Durasplint® Polymer	200g	ECS3258
Durasplint® Monomer	100ml	ECS3259

## 3-Strand Flat Lingual Retainer Wire

A bonded, flat wire for permanent or semi-permanent retention of tooth position after treatment is well known. Bonded to the lingual surface, it is aesthetic, unobtrusive, and requires little patient cooperation.

- Made of fully annealed 302SS 3-Strand wire
- Wire is thin and flat, with dimensions of .010 x .028 (0.25mm x 0.71mm)
- Full annealed to allow for intricate formation
- 6'' (152mm) Lengths
- Wires are sold in packs of 10 per tube.

Description	Package contains	Order Number
.010 x .028	10	W3L0510



## TRU-CHROME® Stainless Steel Retainer Wire, No. 2 Temper

- Retainer Wire, No. 2 Temper is softer than arch wire, which enables the operator to more easily form the wire into retainer appliances
- Forming of the wire work-hardens the wire and provides a working resiliency for those types of appliances
- Length = 35,56cm

Diameter	Package contains	Order Number
.028" (0,711mm)	10	E00080
.030" (0,762mm)	10	E00081
.032" (0,812mm)	10	E00082
.036" (0,914mm)	10	E00083
.040" (1,016mm)	6	E00084



## TRU-CHROME® Stainless Steel Retainer Clasp Wire

- Clasp Wire Temper is between the resilient arch wire and the retainer wire
- It is soft enough to be instrument formed to the clasp configuration
- Forming gains sufficient hardening for the pliering to have satisfactory spring resiliency for clasp
- Length = 30cm

Diameter	Shape	Package contains	Order Number
.036" (0,914mm)	Round	5	E00063
.040" (1,016mm)	Round	5	E00062



## RMO® Blue Elgiloy® (soft)

- Recommended when the wire to be used is .030 or larger and when considerable bending or soldering is required

Diameter	Package contains	Order Number
.030" (0,762mm)	10	E00230
.032" (0,812mm)	10	E00232
.036" (0,914mm)	10	E00236
.038" (0,965mm)	10	E00221
.040" (1,016mm)	6	E00237
.045" (1,143mm)	6	E00238
.060" (1,524mm)	5	E00226



**3D® D.Y.S. Module**

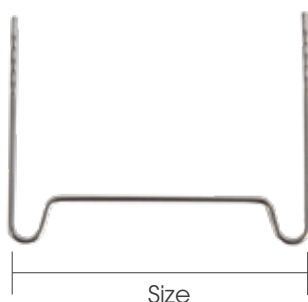
- Available in .036" and .040" TRU-CHROME® Stainless Steel.
- Universal lingual attachment
- Multiple fixed/removable lab-made appliances for individual needs

Description	Wire Size	Package Contains	Order Number
Maxillary Right/Mandibular Left	.036"	5	A04350
Mandibular Right/Maxillary Left	.036"	5	A04351
Maxillary Right/Mandibular Left	.040"	5	A04352
Mandibular Right/Maxillary Left	.040"	5	A04353

**3D® Transfer System**

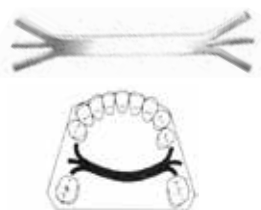
- Reduces time consuming laboratory related procedures
- Laboratory impression can be taken during active treatment (No need to stop treatment)
- Laboratory can produce very accurate Fixed/Removable appliance
- A time/cost saver; excellent for in-practice and outside 3D laboratory appliance fabrication procedures

Description	Package Contains	Order Number
3D® Transfer Insert	10	A04198
3D® Transfer Lingual Tube	10	A04199

**Hawley Labial Retainer Forms – Unheat-treated**

- Blue Elgiloy® .030" (0.762mm) is easily contoured
- "Serrated" end sections provide stability in acrylic

Size (inch)	Size (mm)	Package Contains	Arch Contour	Nonarch Contour
00 - 1 3/8"	(34.92mm)	5	E00600	A00238
0 - 1 1/2"	(38.10mm)	5	E00601	A00239
1 - 1 5/8"	(41.28mm)	5	E00602	A00240
2 - 1 3/4"	(44.45mm)	5	E00603	A00241
3 - 1 7/8"	(47.62mm)	5	E00604	A00242
4 - 2"	(50.80mm)	5	E00605	A00243
5 - 2 1/8"	(53.98mm)	5	E00606	A00244
6 - 2 1/4"	(57.15mm)	5	E00607	A00245
7 - 2 3/8"	(60.32mm)	5	E00608	A00273
8 - 2 1/2"	(63.50mm)	5	E00609	A00274

**Transpalatal Arches**

Description	Package Contains	Order Number
Curved profiled arch (length 80 mm)	10	ECS1039
Straight profiled arch (length 80 mm)	10	ECS1040
U arch (Menzanium - nickel free)	5 pairs	ECS2118

**RM® Ball Retainer Clasp, TRU-CHROME® Stainless Steel**

	Ball Diameter	Package Contains	Order Number
	.044" (1.12mm)	10	A00290
	.058" (1.47mm)	10	A00291
	.074" (1.905mm)	10	A00296

**Adams Clasp, TRU-CHROME® Stainless Steel**

- Preformed modified arrow clasp form
- May be used as is or adapted to contact tooth surface according to Adams' technique
- Manufactured loop set at 20° angle for better interproximal slippage
- Clasps are measured midline of loop to midline of loop

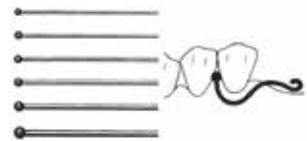


Size (Mesial Distal)	Package Contains	Order Number
(6mm)	10	ECS2104
(7mm)	10	ECS2105
(8mm)	10	ECS2106
(9mm)	10	ECS2107
(10mm)	10	ECS2108
(11mm)	10	ECS2109

**Retainer Clasp - Anchor**

Diameter	Package Contains	Order Number
0,6mm	10	ECS2048
0,7mm	10	ECS2049
0,8mm	10	ECS2050
0,9mm	10	ECS2051
1,0mm	10	ECS2052
1,2mm	10	ECS2053

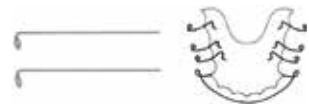
Also available in 100 and 1000 units

**Retainer Clasp - Arrow**

- Menzanium - Nickel free!

Diameter	Package Contains	Order Number
0,7mm	10	ECS2055
0,8mm	10	ECS2056

Also available in 100 and 1000 units





### Retainer Case

- Made of high impact polypropylene, prevents breakage
- Easy-open finger holds with durable hinge and positive-click closure
- Built-in keyhole to carry on key chain or backpack
- Ventilation holes that prevent odors
- Standard size holds upper or lower retainers or a positioner
- Lab size holds bionators or special lab appliances

Description	Color	Package Contains	Order Number
Standard Size	Tropical Pink	20	J01320
Standard Size	Melon	20	J01321
Standard Size	Metallic Black	20	J01323



### Stackable Container Boxes

Description	Package Contains	Order Number
Standard Size, available in blue and white	1	ECM9020

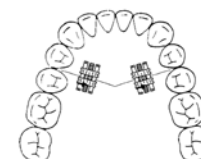
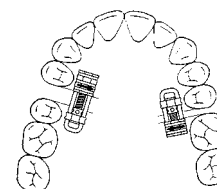
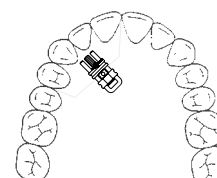
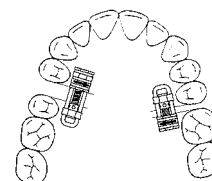
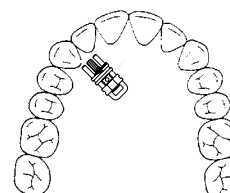
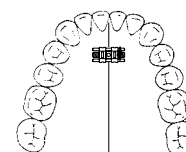


### Large Boxes - Assortment

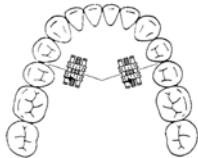

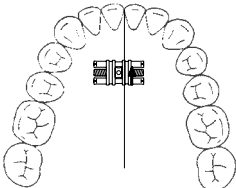

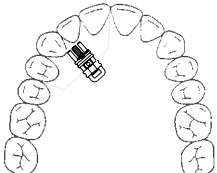

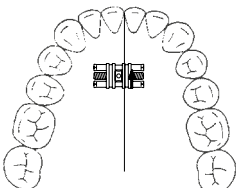

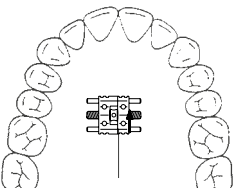

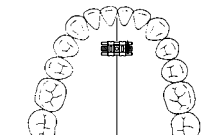

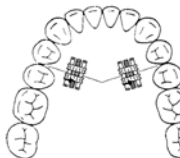

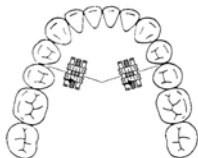

Description	Package Contains	Order Number
Assortment of 10 large boxes height 4,7cm	1	ECM0216

## Standard Expansion Screws

Description	Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
Skeletal miniaturized expansion screw for transversal expansion in the lower jaw	3	10	4,7 x 2,5	10 50	ECS2489 ECS2489-2
Skeletal sector expansion screw with directional arrow	3	10	6,2 x 2,8	5 100	ECW1515 ECW1515-2
Skeletal sector expansion screw with directional arrow	3	13,5	6,2 x 2,8	10	ECW1523
Skeletal expansion screw for use as distal screw and for single tooth movements	3	11	7,5 x 3,5	10	ECW1044
Skeletal expansion screw for use as distal screw and for single tooth movements	3	11,5	7,5 x 3,5	10	ECW1045
Skeletal expansion screw for use as distal screw and for single tooth movements	3	11,5	6,2 x 2,8	10	ECW1514
Skeletal expansion screw for use as distal screw and for single tooth movements	3	11,5	6,2 x 2,8	10	ECW1516
Traction screw for closing gaps	3	14	6,2 x 2,8	10	ECW1524
Skeletal sector expansion screw with directional arrow	3	13	6,2 x 2,8	10 50	ECS2510 ECS2510-2
Traction screw for space closure	3	13,5	6,2 x 2,8	10	ECS2520
Double-guidance expansion screws for multiple use	4	10	6,2 x 2,8	10 100	ECW1501 ECW1501-2



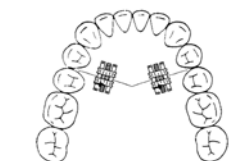
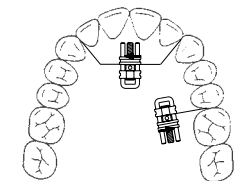
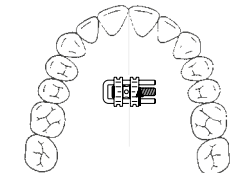
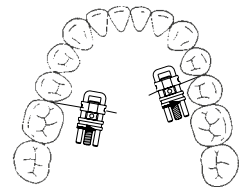
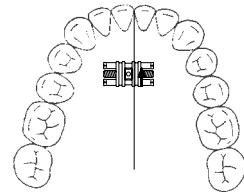
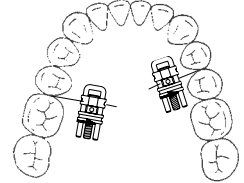
## Standard Expansion Screws

		Description	Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
		Screw for mandibular lateral expansion and distal movements	4	10	7,5 x 3,5	10	ECW1018
						100	ECW1018-2
		Skeletal expansion screw for transversal expansion of the lower jaw	4	10	6,2 x 2,8	10	ECS2491
						50	ECS2491-2
		Skeletal sector expansion screw	4	10	4,7 x 2,5	10	ECS2509
		Skeletal expansion screw for transversal expansion of the upper jaw and bimaxillary appliances	5	10	10 x 3,1	10	ECS2497
						50	ECS2497-2
		Stable expansion screws for the maxilla with retention drill holes	5	10	10 x 3,1	10	ECW1021
						100	ECW1021-2
		Stable expansion screws for the maxilla with retention drill holes	5	10	7 x 3,1	10	ECW1022
		Stable expansion screws for the maxilla with retention drill holes	5	10	10 x 3,1	10	ECW1027
		Micro expansion screw	5	12	6,2 x 2,8	10	ECW1503
						100	ECW1503-2
		Screw for mandibular lateral expansion and distal movements	5	12	7,5 x 3,5	10	ECW1019
						100	ECW1019-2

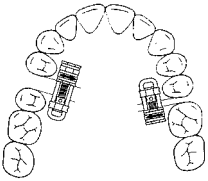

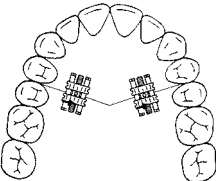

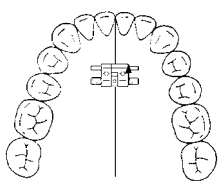

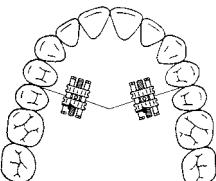





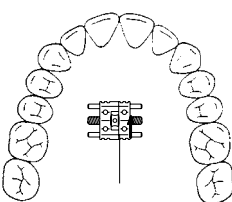







## Standard Expansion Screws

Description	Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
Skeletal expansion screw for use as distal screw and for single tooth movements	5	13	7,5 x 3,5	10	ECW1039
Skeletal expansion screw for use as distal screw and for single tooth movements	5	13	6,2 x 2,8	10	ECW1511
Skeletal expansion screw for use as distal screw and for single tooth movements	5	13,5	7,5 x 3,5	10	ECW1040
Skeletal expansion screw for use as distal screw and for single tooth movements	5	13,5	7,5 x 3,5	10	ECW1041
Skeletal expansion screw for transversal expansion of the lower jaw	5	12	6,2 x 2,8	10	ECS2492
Skeletal sector expansion screw	5	13	6,2 x 2,8	10	ECS2512
				50	ECS2512-2
Skeletal sector expansion screw	5	13	7,5 x 3,5	10	ECS2516
				50	
Skeletal expansion screw for use as distal screw and for single tooth movements	5	13,5	6,2 x 2,8	10	ECS2514
Skeletal expansion screw for transversal and sagittal expansion in the upper and lower jaw	5	12	7,5 x 3,5	10	ECS2494
				50	ECS2494-2
Double-guidance expansion screws for multiple use	6	14,3	6,2 x 2,8	10	ECW1502
				100	ECW1502-2
Screw for mandibular lateral expansion and distal movements	6	14,3	7,5 x 3,5	10	ECW1020

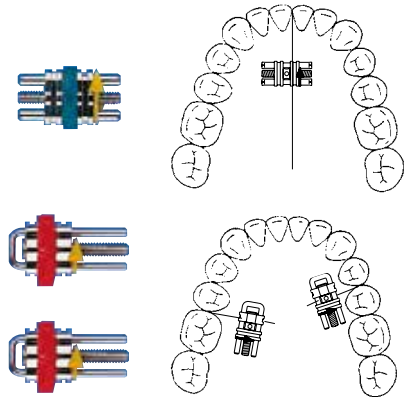


## Standard Expansion Screws

	Description	Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
	 Traction screw for space closure	6	18,5	6,2 x 2,8	10	<b>ECW1522</b>
	 Expansion screw for expansion in the upper and lower jaw	6,5	11	7 x 2,8	10	<b>ECW1050</b>
	 Skeletal expansion screw for transversal expansion of the lower jaw.	7,5	14,3	7 x 3,1	10	<b>ECS2490</b>
					50	<b>ECS2490-1</b>
	 Skeletal expansion screw for transversal and sagittal expansion in the upper and lower jaw.	6	14,3	7,5 x 3,5	10	<b>ECS2496</b>
					50	<b>ECS2496-2</b>
	 Stable expansion screws for the maxilla with retention drill holes	7,5	14,3	10 x 3,1	10	<b>ECW1023</b>
	 Stable expansion screws for the maxilla with retention drill holes	7,5	14,3	7 x 3,1	10	<b>ECW1024</b>
					100	<b>ECW1024-2</b>
	 Stable expansion screws for the maxilla with retention drill holes	7,5	14,3	10 x 3,1	10	<b>ECW1025</b>
					100	<b>ECW1025-2</b>
	 Stable expansion screws for the maxilla with retention drill holes	7,5	14,3	7 x 3,1	10	<b>ECW1026</b>
					100	<b>ECW1026-2</b>
	 Stable, skeletal expansion screw for transversal expansion of the upper jaw and bimaxillary appliances	7,5	14,3	10 x 3,1	10	<b>ECS2498</b>
					50	<b>ECS2498-2</b>

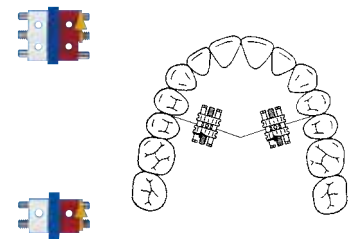
## Standard Expansion Screws

Description	Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
Expansion screw for expansion in the upper and lower jaw	8,5	13	7 x 2,8	10	ECW1051
				100	ECW1051-2
Skeletal expansion screw for use as distal screw and for single tooth movements	9,5	16,5	7,5 x 3,5	10	ECW1042
Skeletal expansion screw for use as distal screw and for single tooth movements	9,5	17,5	7,5 x 3,5	10	ECW1043

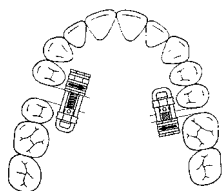

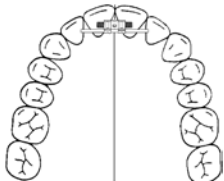

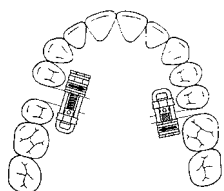

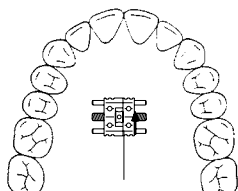


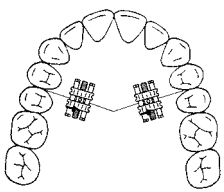




## Plastic Expansion Screws

Description	Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
Expansion screws with special plastic housing reduce the content of metal in the mouth. Absolutely impossible to turn back. Guiding pins and thread spindle out of stainless steel.	7,5	14,3	10 x 3,1	10	ECW1007
				100	ECW1007-2
	7,5	14,3	7 x 3,1	10	ECW1008
				100	ECW1008-2

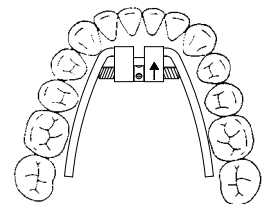


## Special Expansion Screws

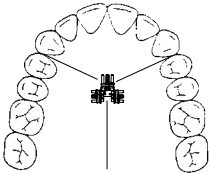




Description		Expansion (mm)	Length (mm)	L x l (mm)	Package Contains	Order Number	
		Traction screw for closing gaps	3	13,5	7,5 x 3,5	10 or 100	<b>ECW1166</b>
		A special miniaturized screw for fabrication of splints, allowing activation and rapid transversal expansions	3	19	3,6x2,5	10 ou 50	<b>ECS2486</b>
		Traction screw for closing gaps	6	18,5	7,5 x 3,5	10 or 100	<b>ECW1168</b>
		For crowded, narrow maxilla	6	14,3	10 x 3,1	10	<b>ECW1016</b>
		Siemons expansion screw	9	14,3		5	<b>ECW1077</b>
		Siemons expansion screw	9	14,3		10	<b>ECW1078</b>
		Screw for asymmetric expansion of the maxilla	6	12	variable	10	<b>ECW1111</b>

## Special Expansion Screws

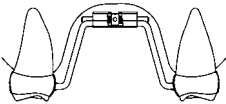





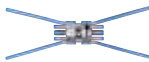

Description	Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
Screw for asymmetric expansion of the maxilla	8	15	17	10	ECW1112
Mandibular bow screw for transversal expansion of the mandibular anterior arch	8	20		2	ECW1183
Mandibular bow screw for transversal expansion of the mandibular anterior arch	8	25		2	ECW1182
Special miniaturized screw for distraction of the lower jaw	9	13	6,7 x 3,1	1 or 5	ECS2533
Special miniaturized screw for distraction of the lower jaw	11	15	6,7 x 3,1	1 or 5	ECS2534



## Special Bertoni Screws for Insertion in Multi-Sector Plates

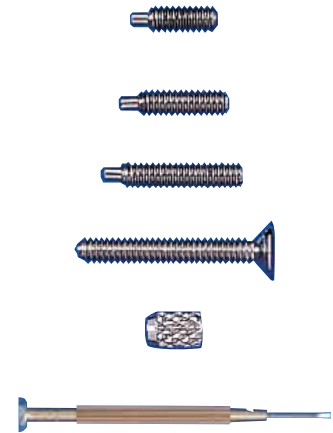
Description		Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
     <p>ECW1188</p> <p>ECW1189</p> <p>ECS2530</p> <p>ECS2532</p>	<p>Screws for insertion in multi-sector plates, enabling separate protrusion and symmetric transversal expansion by two independently operating spindles.</p>	2 x 3,5	17	7 x 2,8	1	ECW1188
		5,5	15,5	7 x 2,8		
		7	17	7 x 2,8	1	ECW1189
		5,5	15,5	7 x 2,8		
		5,5/7	15,5	17 x 2,8	2	ECS2530
		Frontal : 5,5 Transversal : 2 x 3,5	15,5	17 x 2,8	2	ECS2532

## Palatal Suture Expansion Screws

Description		Expansion (mm)	Length (mm)	L x I (mm)	Package Contains	Order Number
        <p>ECW1191</p> <p>ECW1192</p> <p>ECS2524</p> <p>ECW1193</p> <p>ECW1194</p> <p>ECW1195</p> <p>ECS2526</p>	<p>Stable guiding pins and thread spindle for outmost reliability and transmission of forces.</p>	5	10	10,4 x 4	10	ECW1191
		9	13	10,4 x 4	10	ECW1192
		9	13	10,4 x 4	1	ECS2524
		11	15	10,4 x 4	10	ECW1193
		13	17,6	10,4 x 4	10	ECW1194
		18	22	10,4 x 4	10	ECW1195
		11	15	10,4 x 4	1	ECS2526

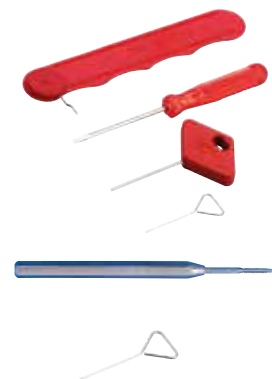
## Piston Spring Screws

Description	Package Contains	Order Number
Piston spring screw 4mm	10	ECW1121
Piston spring screw 6mm	10	ECW1122
TPiston spring screw 8mm	10	ECW1123
Holding screw	10	ECW1124
Knurled nut	10	ECW1125
Screwdriver	1	ECW1128



## Accessories

Description	Package Contains	Order Number
Security key for expansion screws	10	ECS2100
Key for expansion screws	10 ou 100	ECS2101
Screwdriver M	10	ECS2083
Reamer	1	ECW1127
Key for expansion screws	10	ECWCLE





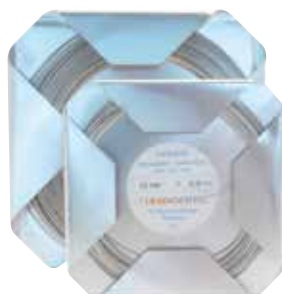
## Spools 500g

Description	Package Contains	Order Number
0,7	1	ECM7050
0,8	1	ECM7051
0,9	1	ECM7052
1,0	1	ECM7053



## Spools

Diameter (mm)	Length (m)	Package Contains	Hard Order Number	Spring Hard Order Number
0,4	50	1	ECW1332	ECW1362
0,5	50	1	ECW1333	ECW1363
0,6	40	1	ECW1334	ECW1364
0,6	40	1	ECS8324	ECS8331
0,7	30	1	ECW1335	
0,7	30	1	ECS8325	
0,8	20	1	ECW1336	
0,8	20	1	ECS8326	
0,9	10	1	ECW1337	
0,9	10	1	ECS8327	
1,0	10	1	ECW1338	
1,0	10	1	ECS8328	
1,1	10	1	ECW1339	ECW1369
1,1	10	1	ECS8329	ECS8336
1,2	10	1	ECW1340	
1,2	10	1	ECS8338	ECS8339



## Clinical Spools

Diameter (mm)	Weight (kg)	Package Contains	Hard Order Number	Spring Hard Order Number
0,5	0,5	1		ECW1463
0,6	0,5	1	ECW1434	ECW1464
0,7	0,5	1	ECW1435	
0,8	0,5	1	ECW1436	
0,9	0,5	1	ECW1437	
1,0	0,5	1	ECW1438	
1,1	0,5	1	ECW1439	ECW1469
1,2	0,5	1	ECW1440	

**Menzanium® Coil Wire (Nickel Free)- Spools**

Diameter (mm)	Weight (kg)	Package Contains	Hard Order Number	Spring Hard Order Number
0,6	40	1		ECS8460
0,7	30	1	ECS8453	ECS8461
0,8	20	1	ECS8454	ECS8462
0,9	10	1	ECS8455	ECS8463
1,0	10	1	ECS8456	ECS8464
1,2	10	1		ECS8466
0,5	50	7		ECS8459

**Wire Rods - 500g**

Diameter (mm)	Weight (kg)	Package Contains	Hard Order Number	Spring Hard Order Number
0,7	100	1	ECS8293	
0,7	150	1		ECS8308
0,8	150	1	ECS8297	ECS8311
0,9	200	1		ECS8314

**Menzanium® Wire Rods (Nickel Free) - 500g**

Diameter (mm)	Weight (kg)	Package Contains	Spring Hard Order Number
0,6	75	1	ECS8478
0,7	75	1	ECS8467
0,7	150	1	ECS8468
0,8	150	1	ECS8469
0,9	150	1	ECS8471
0,8	200	1	ECS8470
0,9	200	1	ECS8472
1,0	200	1	ECS8473



### Articulators: The Sam® System

Over the years, the SAM® articulator has become the complementary tool of many orthodontists who want to have a precise means of dynamic analysis of the occlusion of their patients.

It is part of a complete and modular diagnostic system. This articulator is a valuable aid for:

- The diagnosis, by allowing to identify the situations at risk, through the problems of the temporomandibular articulation
- Therapeutic control
- The contention, by its contribution to the manufacture of gnathological positioners
- Orthodontic therapy by elastodontology



#### Sam® SE "Special Edition"

SAM® SE articulator „Special Edition“ (high-performance plastic from aircraft and automotive industry with integrated curvature 1 and bennett guides with normal sideshift and a flat incisal table

Description	Package contains	Order Number
Articulator - Single	1	ECA ART 615M
Available in MPS*. Contains :	1	ECA ART 616MK
<ul style="list-style-type: none"> <li>▪ 1 SAM® SE articulator ECA ART 615 M</li> <li>▪ 1 transferbow ECA ATB 303</li> <li>▪ 1 transfer fork ECA ATB 305</li> <li>▪ 1 nasal support ECA ATB 392</li> <li>▪ 10 Hygienic earpiece caps ECA ATB 240</li> <li>▪ 1 facebow ECA ATB 233</li> <li>▪ 1 acrylic XL ECA ATB 234</li> <li>▪ 1 mounting plate MPS*</li> <li>▪ 1 translucent packing ECA ART 598</li> </ul>		

\* The MPS system uses magnetic plates



#### Sam® 2 'P' Articulator

Same model as the old SAM® 2 "C", but 15 mm higher.

Possible use with the Axiosplit® and / or MPS \* system

Description	Unité de Vente	Référence
Articulator - Single	1	ECA ART 300
with MPS* system	1	ECA ART 315M
Full kit (articulator, 20 mounting plates, packing, transferbow Axioquick® kit and Transferstand kit)	1	ECA ART 301K
ECA ART 301K with axiomatic fork ECA ATB 395	1	ECA ART 304K
Full kit (articulator, 20 mounting plates, packing, transferbow Axioquick® kit and Transferstand kit) with MPS* system	1	ECA ART 316MK
ECA ART 316MK with axiomatic fork ECA ATB 395	1	ECA ART 319MK
Transfer fork Acrylic XL to order separately	1	ECA ATB 334

\* Le système MPS utilise des plaques aimantées



ECA ATB 395



ECA ATB 334

### Sam® 2 'PX' Articulator

Intermediate articulator between SAM 2 "P" and SAM 3.  
The upper arm does not disconnect, after opening, of the lower arm.

Description	Package contains	Order Number
Articulator - Single	1	ECA ART 400
With MPS* system	1	ECA ART 415M
Full Kit	1	ECA ART 401K
Full Kit + MPS* system	1	ECA ART 416MK
Full Kit + MPS* system + Axomatic fork option	1	ECA ATB 417MK

\* The MPS system uses magnetic plates



### Sam® 3 Articulator

New technology. With condylar housings No. 2, propulsion screws and an adjustable incisor table. The upper arm does not disconnect, after opening, of the lower arm.

Description	Package contains	Order Number
Articulator - Single	1	ECA ART 550
Full kit (articulator, 20 mounting plates, packing, transferbow Axioquick® kit and Transferstand kit, Bennett wings, condylar housings)	1	ECA ART 551K



### Axioquick® Transfer Bow Kit

Axioquick® anatomic transfer bow kit with removable fork.

Description	Package contains	Order Number
Full kit : Contains :		
<ul style="list-style-type: none"> <li>1 Transferstand AX ECA ATB 303</li> <li>1 Transferstand AX ECA ATB 305</li> <li>1 nasal support ECA ATB 392</li> <li>1 Hygienic earpiece caps ECA ATB 240</li> </ul>	1	ECA ATB 350K
ECA ATB 350K with axiomatic fork ECA ATB 395	1	ECA ATB 390K
Transferstand AX	1	ECA ATB 398



### Mandibular Position Indicator (MPI)

Diagnostic device for SAM® 2 and SAM® 3 articulators.

Description	Package contains	Order Number
Full kit : Contains :		
<ul style="list-style-type: none"> <li>Mandibular position indicator</li> <li>Universal rod ECA MPI 350</li> <li>Labes (15 sheets) ECA MPI 120</li> </ul>	1	ECA MPI 301
Full Kit + MPS* system	1	ECA MPI 316M

\* The MPS system uses magnetic plates



### Mandibular-Positions-Variator (MPV)



Description	Package contains	Order Number
Special articulator based on a Sam® 3, with crossed table guides instead of condylar housings	1	ECA MPV 500
ECA MPV 500 with MPS* system	1	ECA MPV 515M

\* The MPS system uses magnetic plates



ECA MPS 101K



ECA MPS 150



ECA MPS 250

### Magnetic System for Mounting Plates (MPS)

Allows you to remove moldings quickly and easily. This option is available for virtually all common articulators. The yellow plates fit the SAM®, Whipmix®, Panadent® and Hanau® two-post articulators and KaVo articulators. The gray plates are for Artex®, Denar®, Quick®, Dental Hobby®, Balance® and Hanau® articulators.

- There are two starter kits depending on your needs
- Additional mounting plates are available (per 20 and per 100 pieces)
- The kits come with a detailed instruction manual
- Consult us for the model adapted to your articulator

Description	Package contains	Order Number
MPS* screws kit	1	ECA MPS 101K
Yellow mounting plates	20	ECA MPS 150
Grey mounting plates	20	ECA MPS 250

\* The MPS system uses magnetic plates

### Mounting Plates with Screw Thread

Additional plates for SAM® 2 & SAM® 3



Package contains	Order Number
1	ECA ART 120



### Axiosplit®

The Axiosplit® is a system that allows quick and precise exchange of models from one articulator to another. Very useful for exchanging moldings, for example, between the cabinet and the laboratory, keeping the same settings.

Description	Package contains	Order Number
Axiosplit® kit for SAM® 2 P articulator	1	ECA ASP 510K
Mounting plate for Axiosplit®	20	ECA ASP 420
Axiosplit® kit for laboratory	1	ECA ASP 515K

ECA ASP 420



ECA ASP 515k

**Axiograph®**

The SAM® system allows axiographic recording with the Axiograph® III complete kit. This kit is presented in a suitcase, with more than 30 accessories. All items are available separately. The description of the accessories needed for axiography is given in the illustrated SAM® catalog.

Description	Package contains	Order Number
Axiograph® III	1	ECA AXO 500
Axiograph® digital - Axiotron® version PC	1	ECA AQR 100

**Bennett Guides**

Includes one pair of bennett guides:  
green (ECA ART 176) / blue (ECA ART 177) / red (ECA ART 178)

Package Contains	Order Number
1	ECA ART 170

**Protrusion Insert Set**

Includes 2 pieces of each protrusion insert : white (ECA ART 181) / yellow (ECA ART 182) / green (ECA ART 183) / red (ECA ART 184) / blue (ECA ART 185) / black (ECA ART 186)

Package Contains	Order Number
1	ECA ART 180

**Hygienic Earpiece Caps**

Disposable blue caps

Package Contains	Order Number
200	ECA ATB 240



The SAM® articulators can be available in certain markets upon request from RMO® Europe, or online at [www.rmoeurope.com](http://www.rmoeurope.com)





### OMEC Laser Welder

Wizard 60 model.

Wizard is the ideal laser welder for dental, goldsmith and eyewear laboratories. It combines a very high working power, low consumptions and lamp long life. It is an appliance small in size but has a powerful water and air cooling system. It has a 7" touch screen display and joystick to select welding parameters. The wide chamber is of easy access thanks to the large front door and is light by led cold lights. The appliance is equipped with 10x Leica stereo-microscope with 45° inclination and a web-cam placed on its view axe by which it is possible to see all objects being welded on the web cam screen.

Description	Package Contains	Order Number
OMEC Welder	1	ECM0250
Adjustable stand	1	ECM0251

### Accessories for RMO 660-XP® Welder



#### Auxiliary Cables

- For auxiliary functions of soldering, annealing, heat-tempering and stress-relieving with RMO® equipment
- Cables, complete with brass tips, vise tip and carbon soldering tip

Package Contains	Order Number
1 pair	J00431



#### Auxiliary Plug-in Vise

Package Contains	Order Number
1	J00432



#### Auxiliary Plug-in Vise

- Replaces one cable when a stationary grip is required on wire to solder on an accessory
- Two vises clamp arch wire

Package Contains	Order Number
1	J00433



#### Heat-Treat Table

Package Contains	Order Number
1	J00427



#### Replacement Vise Assembly

- For J00427 Heat-Treat Table

Package Contains	Order Number
1	H00507















#### Sandpaper Disc for 660-XP Welder

- Prevents debris from falling into the auxiliary receptacles
- Used to clean soldering tips of dried flux and solder. Place on top of welder under auxiliary plug-in units

Package Contains	Order Number
5	H00045



## Accessories for RMO 660-XP® Welder

Description	Package Contains	Order Number	
Carbon tip for auxiliary cables	2	H00083	
Metal tip and vise for auxiliary cables	1	H00091	
Metal tip and carbon tip holder for auxiliary cables	1	H00092	
Lower ball electrode	1	H00101	
Lower soldering electrode	1	H00102	
Lower anvil electrode	1	H00103	
Upper grooved electrode	1	H00105	
Upper electrode for carbon tip	1	H00106	
Upper blunt electrode	1	H00107	
Upper pointed electrode	1	H00108	
Carbon tip; use with H00106 electrode	3	H00109	
Lower turret with electrodes	1	H00113	
Fuse for J00060 (110 V)	1	H00500	
Fuse for J00644 (230 V)	1	H00501	
White knob for 660 Welder	1	H00506	
Wrench for electrodes	2	H00509	

## CtrlAX Ultrasonic Cutter

Elegant, powerful cutter for aligners or gutters. High cutting power with maximized efficiency and minimized energy losses. Inspired by cutting technologies used in advanced industries such as automotive manufacturing or injection molding plants.

- Body: 198 x 72 x 90mm (500g)
- Handle: 25 x 113mm (80g)
- Power consumption: 30w
- Performance: 5 blade types
- Continuous mode
- Speed: 40,000 vibrations/s
- 3 Power levels
- Optional height-adjustable stand
- With integrated webcam
- Also available in 2 additional models (more powerful for classic dentistry).

Description	Order Number
CtrlAX	ECM0290
40 Basic Blades	ECM0291
40 Long Blades	ECM0292
20 Long Blades	ECM0293





### Biostar® Scan

Universal thermoforming device for all dental and orthodontic thermoforming operations with optical reading of the bar codes of the plates and a working pressure of 0.5 to 6 bar. The thermally controlled infrared lamp reaches its working temperature in one second. All parameters are programmed using the optical reader, the codes are indicated and controlled on a large screen.

- The large model tank facilitates the coating of models with a large base.
- The large drawer guarantees the optimum dosage and storage of the granules.
- Dimensions: l. 450 x H. 230 x D 260 mm

Package Contains	Order Number
1	ECS3001



### Ministar® Scan

Small, handy device for all simple thermoforming applications. Built on the basis of the operating principle of Biostar with optical reading of the bar codes of the plates.

- Working pressure: 0.5 to 3 bar
- Ministar®: 230 V; 850 W; Weight: 9 kg
- Dimensions: l. 420 x H. 190 x D 350 cm

Package Contains	Order Number
1	ECS3501



### Biostar® 4-Aligner

- Simultaneous thermoforming of 4 aligners
- Up to 120 aligners per hour
- 4 separate thermostatic lamps
- 4 separate pressure chambers at 4 bar working pressure
- Intuitive touch-screen operation
- Power : 1450 watts
- Working pressure : 4 bar
- Dimensions (W x D x H) : 612 x 337 x 524 mm
- Weight : 50 kg

Package Contains	Order Number
1	ECS3030



### Polishing Lathe

- Voltage: 230V / 50 Hz
- Power: 170 / 600 W
- Motor speed: 1.400 / 2.800 rpm
- Dimensions: 36x21x26h cm
- Weight: 10 Kg

Description	Package Contains	Order Number
Polishing Lathe	1	ECM0518
Rubber Splash Guard	1	ECM0520



### Perfecta Micromotor

- Speed (2,000 to 35,000 r.p.m.) controlled by a microprocessor
- Ergonomical control panel, protection against overloads, smooth startup, quick stop, left and right rotation

Description	Package Contains	Order Number
Micromotor Perfecta - foot control	1	ECM1521
Micromotor Perfecta - table control	1	ECM1522
Micromotor Perfecta - knee control	1	ECM1523

## Model Trimmers

Dual Wheel Model Trimmer Equipped with two 450 Watt, 1,400 R.p.m. motors which may be activated independently or simultaneously.  
Two manually adjustable valves for independent regulation of water flow to the two abrasive disks. Equipped with a selenoid valve for automatic control of water flow.  
Trimmer delivered with a graduated height gauge and a model holding device.



Description	Package Contains	Order Number
Dual Wheel Model Trimmer	1	ECM0213
Rough Abrasive Wheel Ø300	1	ECM0221
Smooth Abrasive Wheel Ø300	1	ECM0222
Rough Diamond wheel	1	ECM0221D
Simple goniometer	1	ECM0233
Double goniometer	1	ECM0232

## Single Wheel Wet Model Trimmer

- Voltage: 230V / 50 Hz
- Power: 1300 W
- Motor speed: 2800 rpm
- Dimensions: 30x40x32h cm
- Weight: 14 Kg



Description	Package Contains	Order Number
Single Model Trimmer, with angled table	1	ECM0235
Rough Abrasive Wheel Ø257	1	ECM0225
Smooth Abrasive Wheel Ø257	1	ECM0223
Rough Abrasive Wheel Ø257 - Diamond	1	ECM0225D

## Vibrators

- Power 0,40 CV, 1 400 à 2 800 t/min
- Very Quiet
- with two screw spindles
- Security light



Description	Package Contains	Order Number
Vibrator - round 16 x 13 cm	1	ECM0255
Vibrator - 22 x 16 x 10,5 cm	1	ECM0512

## Steam Generator Distributor

- Supply: 230V – 50Hz
- Power: 1600 W
- Maximum pressure: 3,5 Bar
- Capacity: 3,5 L
- Dimensions: 27x35x40 h cm
- Weight: 14 Kg

Unité de Vente	Référence
1	ECM0247



## Autoclave Poly

- For the hot or cold polymerization of acrylic resins under pressure
- Diameter (interior): 220 mm
- Height (interior): 210 mm
- Operating pressure: max 2 bar
- Operating temperature: max 50° C
- Weight: 3,2 kg



Unité de Vente	Référence
1	ECM4260



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# CONDITIONS GÉNÉRALES DE VENTE

Les fabrications et livraisons de la société RMO Europe SAS sont soumises aux présentes conditions générales de vente, lesquelles figurent systématiquement dans nos catalogues, sur nos devis et factures. En conséquence, toute vente implique l'adhésion sans réserve de l'acheteur aux présentes conditions générales de vente. L'ensemble de nos produits sont uniquement destinés à des professionnels de santé ayant suivi une qualification diplômante.

## 1. COMMANDES

Pour être valable, la commande doit préciser notamment la quantité, les références des produits et la désignation des produits vendus.

## 2. PRIX

Les prix des marchandises vendues sont ceux en vigueur au jour de la prise de commande. Ils sont libellés en euros (€) ou en US dollars (\$) et s'entendent nets, transport non compris et hors taxes. Tout impôt, taxe, droit ou autre prestation à payer en application des règlements français ou ceux du pays importateur ou de pays de transit sont à la charge de l'acquéreur. Les tarifs applicables peuvent être modifiés à tout moment et sans préavis. Toutefois, les marchandises commandées sont facturées aux prix indiqués lors de l'enregistrement de la commande.

## 3. RABAIS

Les tarifs proposés comprennent les rabais que la société RMO Europe serait amenée à octroyer compte tenu du volume et/ou de la fréquence des achats, ainsi que les campagnes promotionnelles.

## 4. LIVRAISON

La livraison s'effectue conformément à la commande par délivrance à un transporteur dans les locaux du vendeur. Les marchandises sont livrées dans les meilleurs délais à partir de la réception ou de la confirmation de commande. Les délais annoncés sont indicatifs, par conséquent, les dépassements de délai de livraison ne peuvent donner lieu à dommages-intérêts, à retenue ni à annulation des commandes en cours. Les produits voyagent aux risques et périls du destinataire, quel que soit le moyen de transport choisi, nonobstant les dispositions relatives à la réserve de propriété. Il appartient à l'acheteur, en cas d'avarie, de perte ou de manquants de faire toutes réserves claires et précises sur le bon de livraison et, dans les 3 jours, non compris les jours fériés, qui suivent celui de la réception, de notifier au transporteur par acte extra-judiciaire ou par lettre recommandée, sa protestation motivée.

## 5. RÉCEPTION

Sans préjudice des dispositions à prendre vis-à-vis du transporteur, les réclamations sur les vices apparents ou sur la non-conformité du produit livré au produit commandé ou au bordereau d'expédition, doivent être formulées, dans les 7 jours de la réception des produits, par lettre recommandée avec accusé de réception ou par télécopie.

## 6. DROIT DE RÉTRACTATION

L'acquéreur pourra retourner le matériel figurant au catalogue (ne faisant pas l'objet de spécificité ou d'assemblage particulier) non utilisé, dans son emballage d'origine contre un remboursement, un échange ou un avoir dans un délai de 14 jours suivant la date de la livraison. Les frais administratifs et de reconditionnement ainsi que les risques du retour sont toujours à la charge de l'acquéreur. Certains produits non maintenus en stock ou d'assemblage spécifique ne sont cependant pas repris.

## 7. GARANTIE

Tous nos matériels, utilisés normalement, sont garantis pendant une période de 1 an à compter du jour de la livraison contre tous vices de construction ou défaut de matière. Se trouvent exclues de la présente garantie, les avaries résultant d'une négligence, d'une mauvaise utilisation ou du non respect des instructions, ou de la consigne de l'usage unique des produits. La garantie se borne à l'échange pur et simple de la pièce reconnue par nous comme défectueuse, sans que l'acheteur ne puisse réclamer d'indemnité pour une cause quelconque, notamment au titre de la main d'œuvre nécessaire pour démontage et remontage ou pour l'immobilisation de l'appareil. Les interventions au titre de la garantie ne sauraient avoir pour effet de prolonger la durée de celle-ci.

## 8. FACTURATION

Un bordereau de livraison ou facture est établie pour chaque livraison et délivrée au moment de celle-ci.

## 9. PAIEMENT

Les factures sont payables aux échéances qui figurent sur celles-ci. En cas de paiement par traites, celles-ci doivent être renvoyées acceptées sous quinzaine de leur date d'expédition. Toute somme non payée à l'échéance figurant sur la facture entraîne de plein droit, dès le jour suivant la date de règlement portée sur ladite facture, l'application de pénalités d'un montant égal à trois fois le taux de l'intérêt légal. Les pénalités de retard sont exigibles sans qu'un rappel soit nécessaire et sur simple demande. Une indemnité forfaitaire de 40 euros est également due pour les frais de recouvrement. Dans le cas où les frais de recouvrement exposés seraient supérieurs à ce forfait, nous nous réservons le droit de demander une indemnité complémentaire sur justification.

## 10. CLAUSE RÉSOLUTOIRE

En cas de défaut de paiement, 10 jours après une mise en demeure restée infructueuse, la vente sera résiliée de plein droit si bon semble au vendeur qui pourra demander, en référé, la restitution des produits, sans préjudice de tous autres dommages-intérêts.

## 11. CLAUSE DE RÉSERVE DE PROPRIÉTÉ

Les marchandises livrées demeurent la propriété du vendeur jusqu'à l'encaissement effectif du prix. Toutefois, les risques sont transférés à l'acheteur dès la livraison. Il devra en conséquence faire assurer les marchandises, supporter les charges de l'assurance et prévenir le vendeur de toutes mesures prises par des tiers sur lesdites marchandises.

## 12. CLAUSE ATTRIBUTIVE DE JURIDICTION

En cas de litige de toute nature ou de contestation relative à la formation ou à l'exécution de la commande, la chambre commerciale du Tribunal de grande instance de Strasbourg sera exclusivement compétente pour en connaître. Tout litige sera soumis et appliquera la loi française. Cette clause s'applique même en cas de référé, de demande incidente ou de pluralité de défendeurs ou d'appel en garantie, et quels que soient le mode et les modalités de paiement, sans que les clauses attributives de juridiction pouvant exister sur les documents des acheteurs puissent faire obstacle à l'application de la présente clause.

## 13. PROTECTION DES DONNÉES PERSONNELLES

Les informations collectées par RMO Europe auprès de vous dans le cadre de nos relations commerciales font l'objet d'un traitement automatisé ayant pour finalité la bonne exécution du contrat. Ces informations sont à destination exclusive de RMO Europe et seront conservées selon les durées légales. Conformément au Règlement (UE) 2016/679 relatif à la protection des données à caractère personnel, vous disposez des droits suivants sur vos données : droit d'accès, droit de rectification, droit à l'effacement (droit à l'oubli), droit d'opposition, droit à la limitation du traitement, droit à la portabilité. Vous pouvez également définir des directives relatives à la conservation, à l'effacement et à la communication de vos données à caractère personnel après votre décès. Vous pouvez, pour des motifs tenant à votre situation particulière, vous opposer au traitement des données vous concernant.

Pour exercer vos droits, merci d'adresser votre demande à [rgpd@rmoeurope.com](mailto:rgpd@rmoeurope.com) ou à l'adresse suivante :

RMO EUROPE - 300 rue Geiler de Kayserberg - 67400 Illkirch FRANCE

Merci de joindre la copie d'une pièce d'identité. Sous réserve d'un manquement aux dispositions ci-dessus, vous avez le droit d'introduire une réclamation auprès de la CNIL.

## 14. ANTI-GASPILLAGE

La loi anti-gaspillage pour une économie circulaire entend accélérer le changement de modèle de production et de consommation afin de limiter les déchets et préserver les ressources naturelles, la biodiversité et le climat. A ce titre l'ADEME a attribué RMO Europe les UDI suivants :

N° FR000593\_06GGBA pour la Filière Piles et Accumulateurs (Screlec)

N° FR000593\_05HTVN pour la Filière EEE (Ecosystem)

# TERMS AND CONDITIONS

The products and deliveries of the company RMO Europe SAS are subject to these terms & conditions of sale, which are systematically included in our catalogs, our quotes and invoices. Consequently, any sale implies the unreserved acceptance of the buyer to these general conditions of sale. All of our products are only intended for health professionals with a degree qualification.

## 1. ORDERS

To be valid, the order must specify in particular the quantity, products part numbers and the description of the products sold.

## 2. PRICE

The prices of the goods sold are those in force on the day of ordering. They are denominated in euros (€) or US dollars (\$) and are net excluding shipping and taxes.

Any duty, tax or other benefit payable under, the French regulations or those of the importing country or transit country are under the purchasers responsibility.

The applicable rates may be changed at any time without notice. However, the goods ordered are invoiced at the prices indicated at the time of processing of the order.

## 3. DISCOUNT

The price offered include discounts that RMO Europe would grant given the volume and/or the purchasing frequency, as well as the promotional campaigns.

## 4. DELIVERY

Delivery is made according to the order by transfer to a carrier in the premises of the seller. The goods are delivered as soon as possible after receipt or confirmation of the order. The forecasted delivery dates are indicative, therefore overrun delivery time can not give right to damages, withholding or cancellation of orders in progress.

The products travel at the recipient's risk, regardless of the means of shipping chosen, notwithstanding the ownership reserve.

It is up to the buyer, in case of damages, loss or missing goods to make all clear and precise reservations on the delivery order and, within 3 working days which follows the receipt, to notify the carrier by extra-judicial act or by registered letter, his argued claim.

## 5. RECEIPT OF GOODS

Without prejudice to the provisions to be taken vis-à-vis the carrier, the complaints about the visible defects or non-conformity of the delivered goods must be reported within 7 days by registered letter with acknowledgment of receipt.

## 6. RETRACTION RIGHT

The purchaser may return the material listed in the catalog (not subject to specificity or particular assembly) unused, in its original packaging against a refund, exchange or credit within 14 days following the date of delivery. The administration and repackaging costs and the return risks are always under the responsibility of the purchaser. Some products, not kept in stock or specific assembly, are however not taken back.

## 7. WARRANTY

All our materials normally used are guaranteed for a period of 1 year from the day of delivery against any defects of construction or material defect. This warranty does not include damage resulting from negligence, miss-use, non-compliance with the instructions, or non respect of the single use of the products. The warranty is limited to the pure and simple exchange of the part recognized by us as defective, without the buyer can claim compensation for any cause, including the labor required for disassembly and reassembly or for immobilizing of the device. Intervention under warranty can not have the effect in extending the duration of the warranty.

## 8. BILLING

A delivery note or invoice is drawn up for each delivery and delivered at the same time.

## 9. PAYMENT

Invoices are due at the dates indicated on them. In case of draft payment, the draft must be returned accepted within two weeks of their shipment date.

Any unpaid sum after the due date appearing on the invoice entails to the application of penalties equal to three times the French legal interest rate. Late payment penalties are due without a need for a reminder and under simple request.

According to French law a fixed compensation of 40 euros is also due for the recovery costs. In the event that the recovery costs incurred are higher than this fixed price, we reserve the right to ask for additional compensation on justification.

## 10. TERMINATION CLAUSE

In case of payment default, 10 days after a formal notice remaining unsuccessful, the sale will be automatically terminated by the seller and he may request the return of the products, without prejudice to any other damages.

## 11. PROPERTY RESERVE

The goods delivered remain the property of the seller until full payment. However the risks are transferred to the buyer upon delivery. He must therefore insure the goods, bear the expenses of the insurance and inform the seller of any measures taken by third parties on the concerned products.

## 12. APPLICABLE LAW

The exclusive competent authority is the commercial chamber of the District Court of Strasbourg for any litigation. Any dispute will be submitted and French law will apply.

This clause applies in any case of litigation, incidental claims, multiple defendants or warranty claims, regardless of the method of payment, and regardless of any other attributing jurisdiction clauses potentially mentioned on the documents of the purchasers.

## 13. PERSONAL DATA PROTECTION

The information collected on you by RMO Europe in the field of our commercial relationship is subject to an automated processing for the purpose of the accomplishment of the contract.

This information is intended exclusively for RMO Europe and will be conserved according to the legal periods. In accordance with the Regulation (EU) 2016/679 on personal data protection, you have the following rights on your data: right of access, editing right, deleting right (right to be forgotten), opposition right, limitation of treatment right, portability right. You can also set guidelines for storing, deleting and communicating your personal data after your death. You may, for reasons related to your particular situation, oppose the processing of the data concerning yourself.

To exercise your rights, please send your request to [rgpd@rmoeurope.com](mailto:rgpd@rmoeurope.com) or to the following address:

RMO EUROPE - 300 rue Geiler de Kayserberg - 67400 Illkirch, FRANCE

Please include a copy of your identity card or passport. Subject to a breach of the above provisions, you have the right to file a complaint with the CNIL (Commission Nationale de l'Informatique et des Libertés).

## 14. ANTI-WASTE

The anti-waste law for a circular economy intends to accelerate the change of production and consumption model to limit waste and preserve natural resources, biodiversity and climate.

As such, ADEME has awarded RMO Europe the following UDIs:

N° FR000593\_06GGBA for the Batteries and Accumulators Sector (Screlec)

N° FR000593\_05HTVN for the EEE Sector (Ecosystem)