



N°  
38

$33 \mu\text{m}$

PRECISION IN ORTHODONTICS

 FORESTADENT®

## LA PRECISIONE – È NEL NOSTRO DNA

La precisione nasce dall'incontro tra esperienza e passione. E sono esattamente questi i capisaldi su cui FORESTADENT basa la propria filosofia, da oltre cinquant'anni.

Fondata nel 1907 nella Foresta Nera settentrionale come azienda di orologeria e oreficeria di alta fattura, FORESTADENT è oggi una realtà riconosciuta in tutto il mondo per la qualità e l'innovazione dei suoi prodotti ortodontici. Siamo specialisti in meccanica di precisione e ambiamo costantemente alla perfezione.

Ma più di ogni novità tecnologica contano le persone, che lavorano con dedizione riversando la loro scrupolosa cura per il dettaglio, il vasto know-how tecnico di cui dispongono e un autentico spirito di squadra in ogni attività che svolgono. Il nostro principale punto di forza è la sinergia tra eccellenza tecnica, grande esperienza e un elemento intangibile: l'entusiasmo. La nostra è una precisione micrometrica, che si rivela sin nel più piccolo particolare.

Dall'applicazione del nostro sapere unico nell'orologeria al campo dell'ortodonzia nascono materiali durevoli e ad alte prestazioni, affidabili, esteticamente impeccabili e sostenibili. Per noi, la qualità va ricercata non solo nel prodotto finale, ma nell'approccio e nelle azioni di ogni singolo individuo.

Impresa a conduzione familiare giunta alla sua quarta generazione, FORESTADENT è proiettata verso il futuro, impegnandosi per tutelare le persone, l'ambiente e la salute.

Perseguiamo la precisione sia sul piano tecnico che sul piano etico, lavorando meticolosamente senza mai scendere a compromessi. I nostri prodotti soddisfano i più elevati standard internazionali e sono certificati secondo tutte le normative attualmente vigenti.

### Ortodonzia di precisione

Il sistema di gestione della qualità dell'azienda soddisfa i requisiti normativi previsti per i produttori di dispositivi medici in conformità con gli standard internazionali ed è certificato secondo la norma DIN EN ISO 13485.

## PRECISION – IT'S IN OUR DNA

Precision is born where experience meets passion – and it's exactly this combination that has shaped FORESTADENT for over five decades.

What began in 1907 in the northern Black Forest with the crafting of fine watches and jewelry has evolved into a globally respected name in orthodontic products and innovation. Our foundation lies in the art of precision engineering – our driving force is the relentless pursuit of perfection.

But behind every technological advancement are people: dedicated colleagues who bring meticulous attention to detail, expert craftsmanship, and genuine team spirit to everything they do. Our greatest strength is the synergy between technical excellence, deep experience, and something intangible – enthusiasm. We don't just think in millimeters – we think in in  $\mu\text{m}$  (micrometers). Because true precision lives in the smallest details.

We've taken our heritage in watchmaking and applied that invaluable knowledge to the field of orthodontics. The result? Durable, high-performance materials that are reliable, aesthetic, and sustainable. For us, quality starts long before the final product – it begins with the mindset and actions of each individual.

As a fourth-generation family business, we think long term. We take responsibility – for people, for the environment, and for health.

Precision is our guiding star – both technically and humanely. It means accuracy over haste, care over compromise. Our products meet the highest international standards and are certified according to all current norms.

### Precision in Orthodontics

The company's quality management system meets the requirements of the legal regulations for medical device manufacturers according to international standards and is certified according to DIN EN ISO 13485.

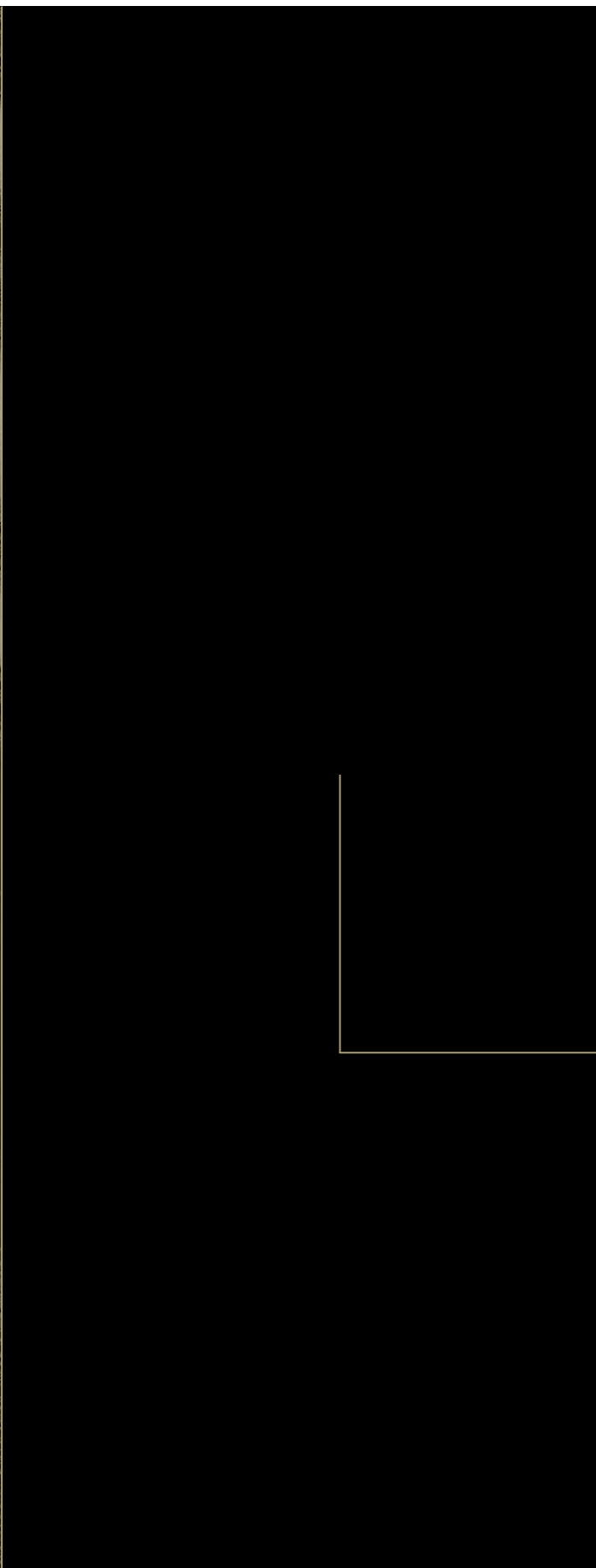


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**Ortodonzia digitale**  
Digital orthodontics



# FAS® – Il sistema di allineatori

## FAS® – The Aligner System



### Cos'è FAS®?

FAS® è il sistema di allineatori che integra il controllo verticale nella pianificazione del trattamento. La pianificazione viene svolta per fasi ed è basata su parametri funzionali. È possibile integrare aspetti quali l'arco di chiusura, i movimenti dinamici della mandibola e la diagnostica CBCT per visualizzare le radici, i tessuti molli e la struttura ossea.

### Perché FAS®?

La pianificazione dei casi viene effettuata esclusivamente da ortodontisti esperti, non dall'intelligenza artificiale. Questo permette di realizzare un piano di trattamento realistico e biomeccanicamente corretto, con un'occlusione stabile, un minore utilizzo di allineatori e una necessità minima di rifiniture.

### What is FAS®?

FAS® is the aligner system that integrates vertical control into treatment planning. Planning is carried out in phases and is based on functional parameters. Aspects such as closing arch, dynamic jaw movements, and CBCT diagnostics for visualizing roots, soft tissue, and bone structure can be integrated.

### Why FAS®?

Case planning is carried out exclusively by experienced orthodontists - not by AI. This results in a realistic, biomechanically sound treatment plan with stable occlusion, reduced aligner use, and minimal need for refinements.

## FAS® – Vantaggi

### FAS® – Advantages

- Pianificazione innovativa da parte di specialisti, non da parte dell'intelligenza artificiale
- Pianificazione che tiene in considerazione ATM, funzione ed estetica, con l'obiettivo di garantire stabilità a lungo termine
- Pianificazione realistica e suddivisa in fasi, per ridurre i tempi di trattamento ed evitare il più possibile le rifiniture
- Integrazione opzionale dell'arco di chiusura (asse cerniera), registrazione dinamica dei movimenti della mandibola e diagnostica 3D
- FAS dispone dei seguenti servizi esclusivi:
- Innovative planning by specialists instead of AI
- Planning that takes TMJ, function, and aesthetics into account with the goal of long-term stability
- Realistic, phased planning to shorten treatment time and avoid refinements as much as possible
- Optional integration of closing arch, dynamic recording of jaw movement, and 3D diagnostics
- FAS offers exclusive tools as follows:

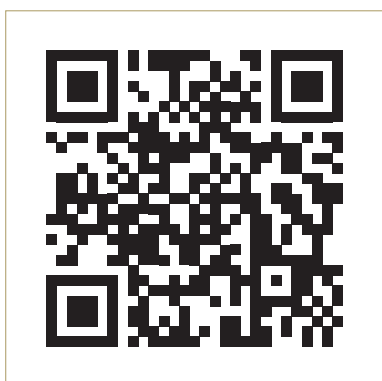
## FAS® Wizard

Il nostro team di ortodontisti esperti effettua la pianificazione in base alle tue idee! Facci sapere quali sono le tue aspettative attraverso il FAS Wizard. Puoi definire le modalità di trattamento in sei sezioni:

1. Dimensione verticale
2. Dimensione trasversale (linee mediane)
3. Dimensione sagittale
4. Analisi delle discrepanze di Bolton
5. Caratteristiche e desideri specifici del paziente
6. Pianificazione dell'ancoraggio

Our team of experienced orthodontists plans according to your ideas! Let us know your expectations using the FAS Wizard. You can define the treatment modalities in six sections:

1. Vertical Dimension
2. Transversale Dimension (Midlines)
3. Sagittal Dimension
4. Bolton Discrepancy Analysis
5. Patient-specific features and wishes
6. Anchorage planning



[fasaligners.com](https://fasaligners.com)



[forestadent.com](https://forestadent.com)

## FAS® OcclusalDesign

OcclusalDesign permette di visualizzare il tuo piano di trattamento. Oltre allo staging, offre ulteriori informazioni e opzioni per analizzare il piano.

- Analisi delle discrepanze di Bolton
- Sovrapposizione della situazione iniziale e finale
- Contatti e occlusione
- Informazioni sull'IPR
- Posizionamento degli attachment e aree di taglio previste sull'allineatore
- Funzioni di misurazione, ad es. distanze, altezza

Oltre alla piattaforma basata su web OcclusalDesign, riceverai anche la Guida al Trattamento FAS che riassume tutte le principali informazioni per iscritto.

OcclusalDesign is the visualization of your treatment plan. In addition to staging, it provides you with further information and options for analyzing the plan.

- Bolton discrepancy Analysis
- Overlay of the before and after situation
- Contacts and Occlusion
- Information on IPR
- Attachment positioning and planned cutouts on the aligner
- Measuring functions, e.g. distances, height

In addition to the web-based OcclusalDesign, you will also receive the FAS Treatment Guide, which summarizes all the important information in writing.

## FAS® STOP and GO

"STOP and GO" è uno strumento gratuito e innovativo del sistema di allineatori FAS che consente di interrompere il trattamento in un momento predefinito all'inizio della fase attuale del trattamento al fine di controllare l'avanzamento valutando il tracciamento degli allineatori.

Con "STOP and GO" vengono prodotti solo gli allineatori necessari fino a quel momento. Questo garantisce che i pazienti indossino esclusivamente allineatori efficaci. Inoltre, è possibile evitare periodi di trattamento inutili e ridurre gli sprechi di plastica.

- Obiettivo raggiunto: conferma e ricevi automaticamente gli allineatori successivi.
- Deviazioni: effettua una nuova scansione del paziente e il nostro team preparerà un piano modificato.

STOP and GO is a free of charge and innovative tool of the FAS Aligner System that enables treatment to be paused at a step defined at the beginning of the current treatment phase in order to check progress by assessing the tracking the aligners.

With STOP and GO, only the aligners required up to that point are produced. This ensures that patients only wear effective aligners. This saves unnecessary treatment time and reduces plastic waste.

- Goal achieved: Confirm and automatically receive the next aligners.
- Deviations: Rescan the patient and our team will create a modified plan.

## FAS® – I pacchetti\* FAS® – The packages\*

### FAS® Flex

Allineatori singoli per piccoli movimenti, recidive ecc. Comprende la pianificazione (gli allineatori vengono addebitati in base al numero).

### FAS® Target

Trattamento di casi da semplici a mediamente complessi. Comprende OcclusalDesign per il piano di trattamento e la ripianificazione della finitura.

Fase I: max. 20 set di allineatori  
Fase di finitura: max. 10 set di allineatori

### FAS® Compact\*\*

Trattamento di casi da mediamente complessi a complessi in tre fasi. Comprende OcclusalDesign per le fasi I, II e la finitura e uno "STOP and GO", se necessario.

Fase I: max. 25 set di allineatori  
Fase II: max. 15 set di allineatori  
Fase di finitura: max. 5 set di allineatori

### FAS® Pro\*\*

Trattamento di casi complessi.

Comprende OcclusalDesign per un massimo di quattro fasi e fino a due "STOP and GO", se necessario.

I casi FAS® Pro non prevedono limiti in termini di allineatori. Tuttavia, ci riserviamo il diritto di rifiutare gli ordini nel caso in cui gli obiettivi principali del trattamento non possano essere raggiunti entro tempi ragionevoli.

### FAS® Flex

Single aligners for small movements, relapses, etc. Includes planning (Aligners are charged according to the number).

### FAS® Target

Treatment of simple to medium complex cases. Includes OcclusalDesign for treatment plan and finishing replanning.

Phase I: max. 20 Aligner-Sets  
Finishing-Phase: max. 10 Aligner-Sets

### FAS® Compact\*\*

Treatment of medium to complex cases in three phases. It includes the Occlusal-Designs for phase I, II and Finishing and one STOP and GO, if necessary.

Phase I: max. 25 Aligner-Sets  
Phase II: max. 15 Aligner-Sets  
Finishing-Phase: max. 5 Aligner-Sets

### FAS® Pro\*\*

Treatment of complex cases.

It includes OcclusalDesigns for up to four phases and up to two STOP and GO, if necessary.

FAS® Pro cases have no limitation with regards to aligners, however, we reserve the right to refuse orders, when principal treatment goals cannot be achieved within a reasonable time.

\* Comprende la valutazione del caso gratuita per una ortodontista | Incl. free case assessment by an orthodontic specialist

\*\*Anche con visualizzazione delle radici reali. (Richiede CBCT) | Also with display of real roots. (Requires CBCT)

Il nuovo sistema di splint per il controllo individuale della crescita della mandibola nei pazienti giovani  
The new splint system for individual control of the jaw growth of your young patients

Con FAS Kids, ci concentriamo sulle misure preventive precoci volte ad evitare le malocclusioni e ad ottenere un'occlusione equilibrata per lo sviluppo di tutte le funzioni orali.

With FAS Kids, we focus on preventive measures at an early stage to avoid malocclusions and achieve a balanced occlusion for the development of all oral functions.

## Moduli FAS® Kids FAS® Kids Modules

Due strumenti fondamentali e unici ci permettono di mettere in atto la nostra filosofia:

Two essential and unique tools enable us to implement our philosophy:

### STOP and GO | STOP and WAIT

"**STOP and GO**": controlli dell'avanzamento durante e dopo ogni fase garantiscono che il trattamento sta procedendo secondo i piani e consentono, se necessario, adattamenti tempestivi.

"**STOP and WAIT**": le fasi naturali dello sviluppo, come il passaggio ai denti permanenti o i picchi di crescita, richiedono adattamenti al piano terapeutico. Durante queste fasi di sviluppo, il trattamento viene interrotto, i risultati ottenuti vengono mantenuti tramite il posizionatore FAS Kids e il trattamento riprende quando la situazione lo permette.

### STOP and GO | STOP and WAIT

**STOP and GO** - Progress checks during and after each phase ensure that treatment is proceeding according to plan and allow for timely adjustments if necessary.

**STOP and WAIT** - Natural developmental phases such as tooth transition or growth spurts require adjustments to the treatment plan. During these developmental phases, treatment is paused, the results achieved are secured with a FAS Kids Positioner, and treatment is resumed when the situation allows.



## Kids Test

La collaborazione e l'accettazione degli splint sono difficili da prevedere nei bambini. Kids Test consente di utilizzare due splint passivi per verificare in anticipo se i giovani pazienti sono in grado di tollerarli e indossarli come prescritto.

## Kids Test

Cooperation and acceptance of splints is difficult to predict in children. Kids Test allows you to use two passive splints to check in advance whether young patients can cope with the splints and wear them as prescribed.

## Kids Target

Questo pacchetto permette anche correzioni preparatorie minori su denti singoli e può essere combinato con strumenti come SMART HOOKS e OCCLUSAL BLOCKS. Comprende fino a 10 splint e il rispettivo OcclusalDesign.

## Kids Target

This package allows for minor, preparatory corrections to individual teeth and can be combined with tools such as SMART HOOKS and OCCLUSAL BLOCKS. It includes up to 10 splints and the corresponding OcclusalDesign.



## Kids Compact

Kids Compact accompagna i bambini fino alla pubertà. Tramite la pianificazione a fasi degli splint, i controlli periodici dell'avanzamento ("STOP and GO") ed eventuali pause nel trattamento ("STOP and WAIT"), il trattamento si adatta alla crescita del paziente.

Kids Compact comprende 3 fasi con un massimo di 20 set di splint ciascuna, uno "STOP and GO" in ogni fase, il rispettivo OcclusalDesign e l'opzione "STOP and WAIT" tra le singole fasi.

## Kids Compact

Kids Compact accompanies children until puberty. Through phased planning of the splints, regular progress checks (STOP and GO) and possible pauses in treatment (STOP and WAIT), the treatment adapts to the patient's growth.

Kids Compact includes 3 phases with a maximum of 20 splint sets each, a STOP and GO in each phase, the corresponding OcclusalDesign and the option of STOP and WAIT between the individual phases.

## Kids Pro

Kids Pro è la soluzione ideale per il trattamento finale dei pazienti adolescenti, quando occorre un ulteriore trattamento dopo il percorso con Kids Compact. I prerequisiti di Kids Pro sono il completamento del passaggio ai denti permanenti e il precedente trattamento con Kids Compact.

Kids Pro comprende fino a tre fasi di trattamento con un massimo di 20 set di splint nella fase I e un ulteriore numero massimo di 10 set di splint nelle fasi II e III, nonché OcclusalDesign. Inoltre, è possibile pianificare uno "STOP and GO".

## Kids Pro

Kids Pro is the solution for the final treatment of adolescent patients when further treatment is required after treatment with Kids Compact. The prerequisites for Kids Pro are the completion of the transition to permanent teeth and prior treatment with Kids Compact.

Kids Pro includes up to three treatment phases with a maximum of 20 splint sets in phase I and a further maximum of 10 splint sets in phases II and III, as well as the OcclusalDesign. In addition, one STOP and GO can be planned.



## Strumenti opzionali Optional Tools

### SMART HOOKS

- Gli SMART HOOKS sono ausili integrati direttamente negli splint da utilizzare con gli elastici (anziché applicarli sui denti).
- Aumentano il comfort del paziente e facilitano l'igiene orale.
- Migliore adattamento e trasmissione delle forze biomeccaniche.
- Gli elastici sono facili da applicare e da rimuovere dagli splint.
- La forza viene trasmessa sull'intero splint.

### SMART HOOKS

- SMART HOOKS are aids that are integrated directly into the splints for use with elastic bands (instead of bonding them to the teeth).
- They increase patient comfort and facilitate oral hygiene.
- Better adaptation and transfer of biomechanical forces.
- The elastics are easy to attach to and remove from the splints.
- Force is transferred across the entire splint.





## Strumenti opzionali Optional Tools

### DIGITAL TRACKS

I DIGITAL TRACKS sono guide propriocettive pianificate digitalmente sulla base di un morso di costruzione e integrate negli splint, con l'obiettivo di modificare la posizione del piano occlusale.

Lo scopo è creare piani inclinati nell'arcata superiore e inferiore, allineati in modo che, quando il paziente stringe i denti, la mandibola scivoli nel piano sagittale e l'occlusione venga trasferita in posizione di Classe I.

Sono disponibili tre tipi di DIGITAL TRACKS:

- » 1. Classe II
- » 2. Classe III
- » 3. Per il controllo dell'overbite

I Digital Tracks devono essere ordinati come prodotto separato.

### DIGITAL TRACKS

DIGITAL TRACKS are proprioceptive guides that are digitally planned based on a construction bite and integrated into the splints with the aim of changing the position of the occlusal plane.

The aim is to create inclined planes in the upper and lower jaw that are aligned in such a way that when the patient bites down, the lower jaw slides in the sagittal plane and the occlusion is transferred to a Class I position.

There are three types of DIGITAL TRACKS:

- » 1. Class II
- » 2. Class III
- » 3. For controlling overbite

Digital Tracks must be ordered as a separate product.

### LINGUAL STOPS

Speroni linguali volti a controllare le abitudini legate al posizionamento della lingua.

### LINGUAL STOPS

Lingual spikes that serve to control habits related to tongue positioning.

### Splint per l'eruzione guidata dei denti

**Splint attivi:**

Lo splint attivo guida il dente verso lo spazio previsto durante la sua eruzione.

**Splint passivi:**

Lo splint passivo mantiene aperto lo spazio durante l'eruzione del dente.

### Splints for guided tooth eruption

**Active splints:**

The active splint guides the tooth into the intended gap as it erupts.

**Passive splints:**

The passive splint keeps the gap open while the tooth erupts.

### OCCLUSAL BLOCKS

Gli OCCLUSAL BLOCKS rappresentano lo strumento ideale per la correzione delle malocclusioni di Classe II.1 e Classe II.2.

- Dispositivo bimascellare integrato per lo spostamento anteriore della mandibola
- Piani visibili per l'elevazione del morso con un angolo di 70°, secondo i principi dell'ortodonzia funzionale
- Correzione delle malocclusioni di Classe II.1 e II.2
- La struttura in due parti consente una funzione e una fonazione normali
- Massimo comfort e visibilità minima rispetto ad altri dispositivi

### OCCLUSAL BLOCKS

OCCLUSAL BLOCKS are the ideal tool for correcting Class II.1 and Class II.2 malocclusions.

- Integrated bimaxillary appliance for anterior displacement of the lower jaw
- Visible planes for bite elevation at an angle of 70° according to the principles of functional orthodontics
- Correction of Class II.1 and II.2 malocclusions
- Two-part construction allows normal function and speech
- Maximum comfort and minimal visibility compared to other appliances

### FAS KIDS POSITIONER

Il POSIZIONATORE FAS KIDS è un dispositivo di contenzione da indossare tra una fase di trattamento e l'altra, in caso di "STOP and WAIT", per mantenere l'avanzamento ottenuto in attesa dei cambiamenti naturali.

Può essere ordinato anche separatamente come sostituzione in caso di smarrimento o dopo il completamento di un pacchetto Kids Target.

### FAS KIDS POSITIONER

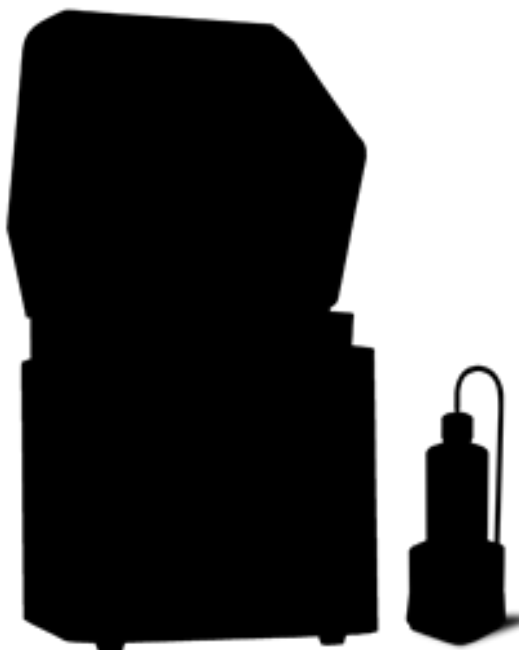
The FAS KIDS POSITIONER is a retainer that is worn between treatment phases in the event of STOP and WAIT to maintain the achieved progress while waiting for natural changes.

It can also be ordered independently as a replacement after loss or after completion of a Kids Target package.



## UNIZ – Attualmente le stampanti 3D più veloci al mondo

## UNIZ – Currently the world's fastest 3D printers



### Uniz UBEE

- Modello desktop ad alte prestazioni
- » Litografia stereo LCD
  - » Sorgente luminosa LED da 16 mW/cm<sup>2</sup>
  - » 8 modelli di allineatori in circa 5 minuti\*
  - » Precisione elevatissima ( $\pm 10 \mu\text{m}$ )
  - » Risoluzione XY di 34  $\mu\text{m}$
  - » Spessore minimo dello strato di 10  $\mu\text{m}$
  - » USB, Ethernet e WLAN
  - » Monitoraggio remoto tramite Uniz Cloud
  - » Tecnologia avanzata di sensori
  - » Opzionale: stazione di riempimento automatica

\* A seconda dell'altezza del modello

- High-performance desktop model
- » LCD Stereo Lithography
  - » LED light source with 16 mW/cm<sup>2</sup>
  - » 8 aligner models in about 5 minutes\*
  - » Very high accuracy ( $\pm 10 \mu\text{m}$ )
  - » XY resolution 34  $\mu\text{m}$
  - » Minimum layer thickness 10  $\mu\text{m}$
  - » USB, Ethernet and WLAN
  - » Remote monitoring via Uniz Cloud
  - » Extensive sensor technology
  - » Optional: automatic filling station

\* Depending on height of model



Order No.	Content	Description
999-4015	1	<p><b>Stampante 3D Uniz UBEE</b> incl. vasca per resina, pellicole protettive per lo schermo del proiettore, materiale e strumenti per l'installazione, 220 V, 3 A, 50 Hz</p> <p><b>Uniz UBEE 3D-Printer</b> incl. resin tank, protective foils for the projector screen, installation material and tools, 220 V, 3A, 50 Hz</p>
999-4131	1	<p><b>Piatto di stampa Uniz UBEE</b></p> <p>Uniz UBEE printing plate</p>
999-4132	1	<p><b>Vasca per resina Uniz UBEE</b></p> <p>Uniz UBEE resin tank</p>
999-4133	1	<p><b>Pellicole di ricambio per vasca per resina Uniz UBEE</b> 5 membrane ACF di ricambio (singole)</p> <p>Uniz UBEE Replacement foils for resin tank 5 pcs. replacement ACF membrane (single)</p>
999-4134	1	<p><b>Uniz UFeed</b> Sistema automatico di alimentazione della resina per UNIZ UBEE</p> <p>Uniz UFeed Automatic resin feeding system for UNIZ UBEE</p>

# UNIZ – Attualmente le stampanti 3D più veloci al mondo

## UNIZ – Currently the world's fastest 3D printers



### Uniz NBEE

Stampante ad alta velocità per studi odontoiatrici e laboratori – stampa 6 modelli di allineatori in circa 5 minuti\*. Il sistema brevettato di raffreddamento a liquido garantisce un processo di stampa stabile con una precisione elevatissima.

La tecnologia brevettata Low Force Stereo Peel della vasca per resina, abbinata a una sorgente luminosa collimata ad alta potenza (16 mW/cm<sup>2</sup>, uniformità del 95 %) e al monitoraggio attivo della temperatura di reazione, crea le condizioni ideali per risultati FAS<sup>®</sup>t e di alta qualità.

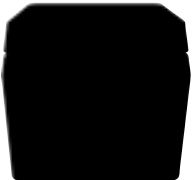




\* A seconda dell'altezza del modello

High-speed printer for dental practices and laboratories – it prints 6 aligner models in approx. 5 minutes\*. Its patented liquid cooling system ensures a stable printing process with very high accuracy.

The patented Low Force Stereo Peel technology of the resin tank in combination with a collimated light source with high power (16 mW/cm<sup>2</sup>, 95 % uniformity) and the active monitoring of the reaction temperature create ideal conditions for FAS<sup>®</sup>t and high-quality results.

\* Depending on height of model

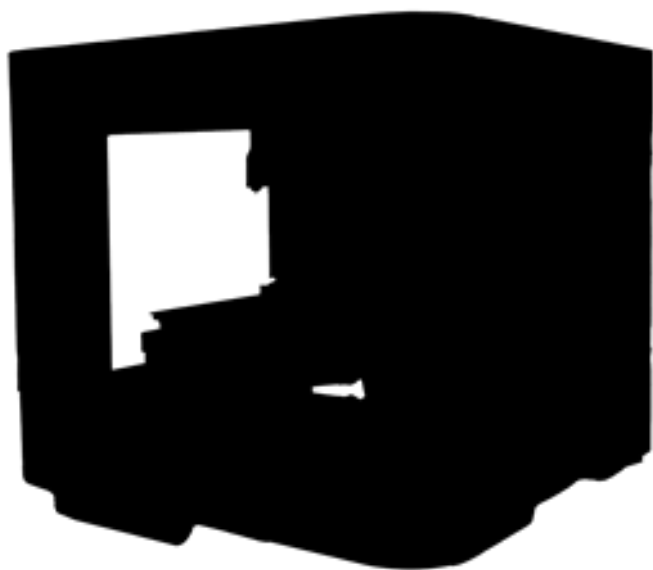
Order No.	Content	Description
999-4000	1	<p><b>Stampante 3D Uniz NBEE</b> incl. 2 vasche per resina, pellicole protettive per lo schermo del proiettore, materiale e strumenti per l'installazione, 1 flacone di resina per modelli; 220 V, 3 A, 50 Hz</p> <p><b>Uniz NBEE 3D-Printer</b> incl. 2 resin tanks, protective foils for the projector screen, installation material and tools, 1 bottle of model resin; 220 V, 3A, 50 Hz</p>
999-4002	1	<p><b>Stampante 3D Uniz NBEE</b> incl. 2 vasche per resina, pellicole protettive per lo schermo del proiettore, materiale e strumenti per l'installazione, 1 flacone di resina per modelli; 110 V, 6 A, 60 Hz (USA/Giappone/LatAm)</p> <p><b>Uniz NBEE 3D-Printer</b> incl. 2 resin tanks, protective foils for the projector screen, installation material and tools, 1 bottle of model resin; 110 V, 6A, 60 Hz (USA/Japan/LatAm)</p>
999-4120	1	<p><b>Vasca per resina NBEE a singolo strato NFEP</b> Uniz NBEE Resin tank NFEP single layer</p>
999-4115	1	<p><b>Piatto di stampa Uniz NBEE</b> Uniz NBEE Build Plate</p>
999-4116	1	<p><b>Piatto di stampa mini UNIZ NBEE</b> UNIZ NBEE Build plate mini</p>

Order No.		Content	Description
999-4030		1	<p><b>Pulitore a ultrasuoni U Wash. 220-240 V</b>  Pulizia efficiente delle stampe 3D per risultati impeccabili</p> <ul style="list-style-type: none"> <li>» Generatore a ultrasuoni integrato da 40.000 Hz</li> <li>» Pulizia rapida in soli 6 minuti (2 cicli)</li> <li>» Richiede una minore quantità di IPA perché nella camera riempita d'acqua viene inserito solo un piccolo contenitore</li> </ul> <p><b>U Wash Ultrasonic cleaner. 220-240V</b>  Efficient cleaning of 3D prints for flawless results</p> <ul style="list-style-type: none"> <li>» Integrated ultrasonic generator with 40,000 Hz</li> <li>» Quick cleaning in just 6 minutes (2 cycles)</li> <li>» Requires less IPA because only a small container is placed in the water-filled chamber</li> </ul>
999-4031		1	<p><b>Pulitore a ultrasuoni U Wash. 110 V</b>  Pulizia efficiente delle stampe 3D per risultati impeccabili</p> <ul style="list-style-type: none"> <li>» Generatore a ultrasuoni integrato da 40.000 Hz</li> <li>» Pulizia rapida in soli 6 minuti (2 cicli)</li> <li>» Richiede una minore quantità di IPA perché nella camera riempita d'acqua viene inserito solo un piccolo contenitore</li> </ul> <p><b>U Wash Ultrasonic cleaner. 110V</b>  Efficient cleaning of 3D prints for flawless results</p> <ul style="list-style-type: none"> <li>» Integrated ultrasonic generator with 40,000 Hz</li> <li>» Quick cleaning in just 6 minutes (2 cycles)</li> <li>» Requires less IPA because only a small container is placed in the water-filled chamber</li> </ul>
999-4020		1	<p><b>Polimerizzazione UV U Cure 100-240 V Spina UE</b>  Essiccazione ultra rapida delle tue stampe</p> <ul style="list-style-type: none"> <li>» Unità di polimerizzazione a LED da 400 mW/cm<sup>2</sup></li> <li>» Essiccazione FAS<sup>®</sup>t in 1 minuto</li> <li>» Prestazioni precise da tutte le direzioni</li> <li>» Durata LED fino a 20.000 ore</li> </ul> <p><b>U Cure UV-Polymerisation 100-240V EU Plug</b>  Super-fast curing of your prints</p> <ul style="list-style-type: none"> <li>» 400 mW/cm<sup>2</sup> LED polymerization unit</li> <li>» FAS<sup>®</sup>t curing in 1 minute</li> <li>» Precise performance from all directions</li> <li>» Up to 20,000 hours of LED service life</li> </ul>
999-4021		1	<p><b>Polimerizzazione UV U Cure 100-240 V Spina US</b>  Essiccazione ultra rapida delle tue stampe</p> <ul style="list-style-type: none"> <li>» Unità di polimerizzazione a LED da 400 mW/cm<sup>2</sup></li> <li>» Essiccazione FAS<sup>®</sup>t in 1 minuto</li> <li>» Prestazioni precise da tutte le direzioni</li> <li>» Durata LED fino a 20.000 ore</li> </ul> <p><b>U Cure UV-Polymerisation 100-240V US Plug</b>  Super-fast curing of your prints</p> <ul style="list-style-type: none"> <li>» 400 mW/cm<sup>2</sup> LED polymerization unit</li> <li>» FAS<sup>®</sup>t curing in 1 minute</li> <li>» Precise performance from all directions</li> <li>» Up to 20,000 hours of LED service life</li> </ul>
999-4040		1	<p><b>U Air (per NBEE e UBEE) 110/220 V</b>  Riduzione degli odori sgradevoli</p> <ul style="list-style-type: none"> <li>» Elevato volume d'aria (130 m<sup>3</sup>/h)</li> <li>» Unità filtrante sostituibile (filtro in tessuto + HEPA + carbone attivo)</li> <li>» Efficienza di filtrazione del 99,7% a 0,3 µm</li> <li>» Bassa rumorosità</li> <li>» Velocità della ventola regolabile (max. 11 m/sec.)</li> </ul> <p><b>U Air (for NBEE und UBEE) 110/220 V</b>  Reduction of unpleasant odors</p> <ul style="list-style-type: none"> <li>» Large air volume (130 m<sup>3</sup>/h)</li> <li>» Replaceable filter unit (fleece + HEPA + activated carbon)</li> <li>» Filtration efficiency of 99.7% at 0.3 µm</li> <li>» Low-noise</li> <li>» Adjustable fan speed (max. 11 m/sec.)</li> </ul>

Description	Content		Order No.
Uniz zDental Model X Stone 1 kg - model resin Uniz zDental Model X Stone 1 kg - model resin	1		999-4206
Uniz zDental Model X Stone 5 kg - model resin Uniz zDental Model X Stone 5 kg - model resin	1		999-4207
Uniz zDental Model Z Tan 1 kg - model resin Uniz zDental Model Z Tan 1 kg - model resin	1		999-4208
Uniz zDental Model Z Tan 5 kg - model resin Uniz zDental Model Z Tan 5 kg - model resin	1		999-4209
Uniz zDental Model Z Beige 1 kg - model resin Uniz zDental Model Z Beige 1 kg - model resin	1		999-4217
Uniz zDental Model Z Beige 5 kg - resina per modelli Uniz zDental Model Z Beige 5 kg - model resin	1		999-4218
Uniz zDental Tray 500 ml - Resina per portaimpronte individuali Uniz zDental Tray 500 ml - Resin for individual impression trays	1		999-4210
Uniz zDental SG Clear 1 kg - Surgical Uniz zDental SG Clear 1 kg - Surgical	1		999-4211
Uniz zDental Cast 500 ml - per splint, paradenti, bite notturni e posizionatori Uniz zDental Cast 500 ml - for splints, mouthguards, nightguards and positioners	1		999-4212
Uniz zDental IDB Hard 1 kg - Resina rigida Uniz zDental IDB Hard 1 kg - Resin hart	1		999-4213
Uniz zDental Splint Soft 1 kg-Resin Uniz zDental Splint Soft 1 kg-Resin	1		999-4214
Uniz zDental Try-In A1 1kg - Resina per modelli di prova in A1 Uniz zDental Try-In A1 1kg - Resin for try-in models in A1	1		999-4215
Uniz zDental IDB Soft 1 kg - Resina morbida per le vaschette per il bonding indiretto Uniz zDental IDB Soft 1 kg - Resin for indirect bonding trays, soft	1		999-4216

## SIMPLEX 2 SX – Il nuovo sistema di stampa 3D a filamento per l'odontoiatria

### SIMPLEX 2 SX – The new dental 3D filament printer system



Progettato specificamente per studi odontoiatrici, laboratori e specialisti in ortodonzia

Ottimizza la produzione digitale con precisione, efficienza e affidabilità nel lungo termine. Elimina la necessità di post-elaborazione (non occorrono agenti di pulizia né fotopolimerizzazione), semplifica i flussi di lavoro e garantisce risultati straordinari. Grazie ai componenti perfettamente integrati, il sistema supporta un'ampia gamma di applicazioni odontoiatriche.

Designed specifically for dental offices, laboratories, and orthodontic specialists

Streamline your digital production with precision, efficiency, and long-term reliability. Eliminating the need for post-processing – no cleaning agents or light curing required – it simplifies workflows while delivering exceptional results. With perfectly integrated components, the system supports a wide range of dental applications.

Facile. Intuitivo. Efficiente.

Un unico sistema – raggiungi i tuoi obiettivi in modo rapido, senza bisogno di esperienza precedente

#### Vantaggi

- Funzionamento semplice con interfaccia digitale user-friendly
- Guida digitale passo-passo per tutti i processi
- Assistenza ottimale
- Impostazioni preconfigurate progettate per un'ampia gamma di applicazioni odontoiatriche
- Filamenti dedicati per ogni tipo di applicazione selezionata
- Riduce il carico di lavoro del team: processi semplificati per una routine quotidiana efficiente
- Semplice ed efficiente: flussi di lavoro testati per un'ampia gamma di indicazioni
- Sicuro e sostenibile: nessun agente di pulizia, nessuna emissione nociva
- Economico: risultati eccellenti con costi e tempi ottimizzati

Easy. Intuitive. Efficient.

One system – achieve your goals quickly, no prior experience needed

#### Advantages

- Simple operation with user-friendly digital interface
- Step by step digital guidance for all processes
- Optimal service support
- Pre-configured settings designed for a wide range of dental applications
- Defined filaments for each selected application
- Reduces your team's workload: streamlined processes for an efficient daily routine
- Simple & efficient: Tested workflows for a wide range of indications
- Safe & sustainable: no cleaning agents, no harmful emissions
- Cost-effective: best results with optimized costs and times

# SIMPLEX 2 SX – Il nuovo sistema di stampa 3D a filamento per l'odontoiatria

## SIMPLEX 2 SX – The new dental 3D filament printer system



making work easy

Description	Content		Order No.
<p><b>Stampante 3D a filamento SIMPLEX 2 SX composta da:</b> Stampante 3D a filamento SIMPLEX 2 SX, SIMPLEX sliceware, cavo di alimentazione, scheda micro SD, adattatore micro SD, strumenti, spazzola in ottone, tronchesine laterali, manuale utente</p> <p><b>SIMPLEX 2 SX 3D filament printer consisting of:</b> SIMPLEX 2 SX 3D filament printer, SIMPLEX sliceware, power cord, micro SD card, micro SD adapter, tools, brass brush, side cutters, user manual</p>	1		-
<p><b>SIMPLEX Model Designer</b> per la conversione semplice delle scansioni in modelli digitali stampabili</p> <p><b>SIMPLEX model designer</b> for easy conversion of scans into digital, printable models</p>	1		999-3005
<p><b>SIMPLEX Isolation</b> per l'isolamento della resina e dei modelli stampati a filamento, flacone da 80 g</p> <p><b>SIMPLEX Isolation</b> for isolation of resin and filament printed models, 80 g bottle</p>	1		999-3040
<p><b>SIMPLEX Study Model 2</b> filamento per modelli diagnostici e di pianificazione, PLA, bianco polare, 1000 g, Ø 1,75 mm</p> <p><b>SIMPLEX study model 2</b> filament for planning and diagnostic models, PLA, polar white, 1000 g, Ø 1.75 mm</p>	1		999-3015
<p><b>Filamento SIMPLEX Working Model</b> Filamento per modelli da lavoro in laboratorio PLA, verde viridiano, 1000 g, Ø 1,75 m</p> <p><b>Filament SIMPLEX Working Model</b> Filament for working models in the lab PLA, viridian green, 1000 g, Ø 1.75 m</p>	1		999-3016
<p><b>SIMPLEX Aligner Model 2</b> Filamento per la produzione di modelli di allineatori, resistente a temperatura e pressione, per fogli fino a 1 mm di spessore compreso (esclusi i materiali Zendura). Filamento speciale, grigio chiaro, 1000 g, Ø 1,75 mm</p> <p><b>SIMPLEX aligner model 2</b> Filament for production of aligner models, temperature and pressure resistant, for sheets up to and including 1 mm thickness (excluding Zendura materials) Specialty filament, light gray, 1000 g, Ø 1.75 mm</p>	1		999-3017
<p><b>SIMPLEX Multi-use Model 2</b> Filamento per modelli diagnostici e di pianificazione dettagliata con superficie opaca setosa, manipolabile con strumenti rotanti o bisturi. Filamento anidride, bianco avorio, 1000 g, Ø 1,75 mm</p> <p><b>SIMPLEX multi-use model 2</b> Filament for detailed planning and diagnostic models with a silky matt surface, can be manipulated with rotary instruments or scalpels. Anhydride filament, off-white, 1000 g, Ø 1.75 mm</p>	1		999-3018

## Filamenti per SIMPLEX 2 SX Filaments for the SIMPLEX 2 SX



making work easy

Filamenti per la produzione di corone provvisorie  
Filaments for manufacturing of Intermediate Crowns

Order No.		Content	Description
999-3060		1	Eldy Plus Filament A1 250 g
999-3061		1	Eldy Plus Filament A2 250 g
999-3062		1	Eldy Plus Filament A3 250 g
999-3063		1	Eldy Plus Filament A3,5 250 g
999-3064		1	Eldy Plus Filament B2 250 g
999-3065		1	Eldy Plus Filament B3 250 g
999-3066		1	Eldy Plus Filament C2 250 g
999-3067		1	Eldy Plus Filament C3 250 g

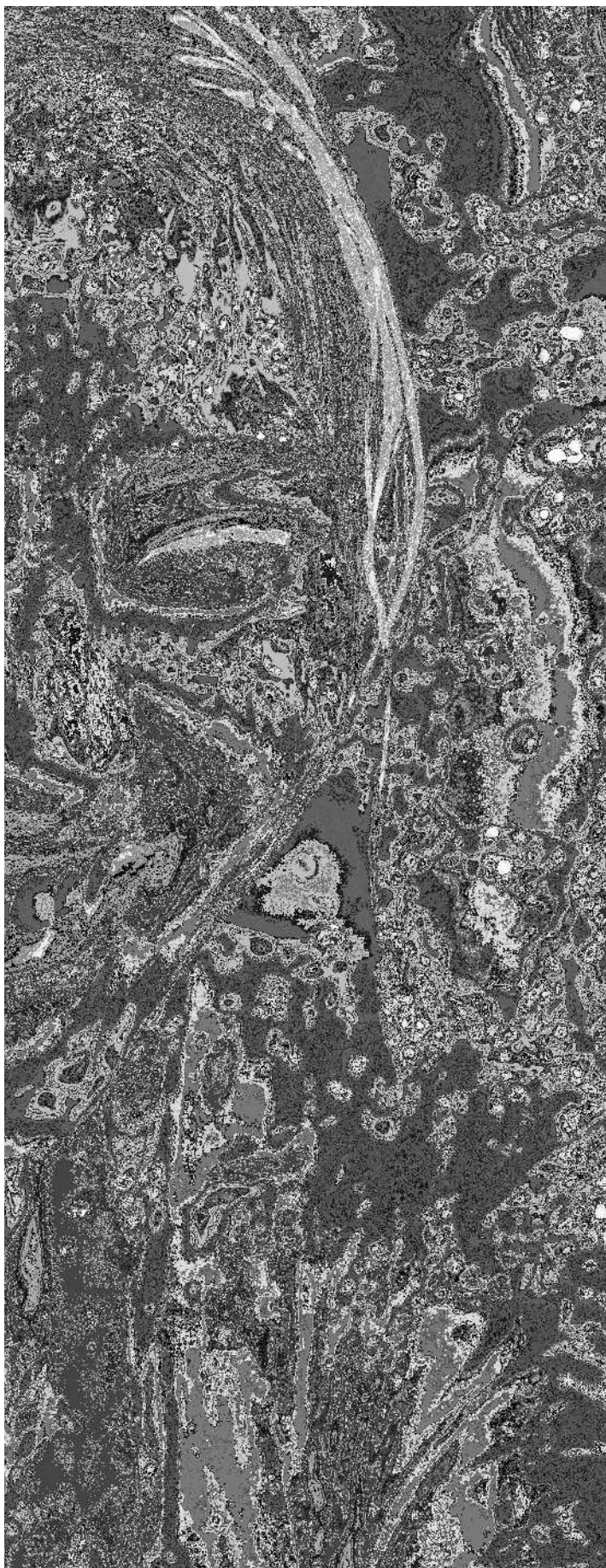
Filamenti per la produzione di portaimpronte individuali  
Filaments for manufacturing of Individual Impression Trays

Order No.		Content	Description
999-3068		1	Impression Tray (blue) 750 g
999-3069		1	Impression Tray (pink) 750 g

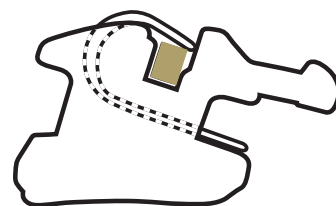


## Attacchi autoleganti – vestibolari e linguali

### Self-ligating brackets – vestibular and lingual



## BioQuick® – attacchi autoleganti attivi BioQuick® – active self-ligating brackets



Attivo = BioQuick®

Rimane passivo fino a .016" x .022",  
attivo da .014" x .025"

Active = BioQuick®

Remains passive up to .016" x .022",  
active from .014" x .025"

### Le principali caratteristiche.

#### Most attractive advantages at a glance.

- |   |  |
|---|--|
| <p><b>1</b> Clip con ampia apertura vestibolare che consente anche l'utilizzo di sonde o strumenti tipo explorer.</p> <hr/>   | <p><b>1</b> Clip with large vestibular opening that also enables the use of scalers or explorers.</p> <hr/>  |
| <p><b>2</b> Slot aux da .015" per l'utilizzo di ausiliari o meccaniche a doppio arco.</p> <hr/>   | <p><b>2</b> .015" auxiliary slot for use of auxiliaries or double archwire mechanics.</p> <hr/>  |
| <p><b>3</b> Punti di contatto su tutta l'altezza dello slot per trasmettere torque con precisione.</p> <hr/>  | <p><b>3</b> Contact ribs over the entire slot height for precise torque transmission.</p> <hr/>  |
| <p><b>4</b> Il margine perimetrale della base riduce l'eccesso di adesivo ed è smussato mesio-distalmente per facilitare il debonding.</p> <hr/>                      | <p><b>4</b> The surrounding pad edge reduces adhesive overflow and is mesio-distally chamfered in order to facilitate debonding.</p> <hr/>   |
| <p><b>5</b> Corpo del bracket monoblocco con la base a ganci contrapposti. Quando i bracket vengono rimossi, l'adesivo rimane sulla base anziché sul dente.</p> <hr/> | <p><b>5</b> One-piece bracket body with tried-and-tested hook-style base. When you remove the brackets, the majority of the adhesive remains on the base and does not adhere to the tooth.</p> <hr/> |

# BioQuick® – attacchi autoleganti attivi

## BioQuick® – active self-ligating brackets



### Roth Prescription

Codice colore | color-marks






### BioQuick® Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	731-0103	730-0103	731-0101	730-0101
2 Laterals	+8°	+9°	1,3	–	731-0203	730-0203	731-0201	730-0201
3 Cuspids	-2°	+11°	0,8	4° mesial	731-0303	730-0303	731-0301	730-0301
	Cuspids + hook	-2°	+11°	0,8	4° mesial	731-0313	730-0313	731-0311
4 Bicuspids	-7°	0°	0,9	2° distal	731-0503	730-0503	731-0501	730-0501
	Bicuspids + hook	-7°	0°	0,9	2° distal	731-0513	730-0513	731-0511
5 Bicuspids	-7°	0°	0,9	2° distal	731-0503	730-0503	731-0501	730-0501
	Bicuspids + hook	-7°	0°	0,9	2° distal	731-0513	730-0513	731-0511
6 1 <sup>st</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711
7 2 <sup>nd</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,4	–	730-1203	730-1203	730-1201	730-1201
2 Laterals	-1°	0°	1,4	–	730-1203	730-1203	730-1201	730-1201
3 Cuspids	-11°	+7°	1,0	2° mesial	731-1403	730-1403	731-1401	730-1401
	Cuspids + hook	-11°	+7°	1,0	2° mesial	731-1413	730-1413	731-1411
4 Bicuspids	-17°	0°	1,2	4° distal	731-1503	730-1503	731-1501	730-1501
	Bicuspids + hook	-17°	0°	1,2	4° distal	731-1513	730-1513	731-1511
5 Bicuspids	-22°	0°	1,2	4° distal	731-1603	730-1603	731-1601	730-1601
	Bicuspids + hook	-22°	0°	1,2	4° distal	731-1613	730-1613	731-1611
6 1 <sup>st</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711
7 2 <sup>nd</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-0971	706-0972	706-0973	706-0986	706-0987	706-0988
	706-0976	706-0977	706-0978	706-0991	706-0992	706-0993
	706-0981	706-0982	706-0983	706-0996	706-0997	706-0998

# BioQuick® – attacchi autoleganti attivi

## BioQuick® – active self-ligating brackets



### McLaughlin/Bennett/Trevisi Prescription

Codice colore | color-marks






### BioQuick® Brackets McLaughlin/Bennett/Trevisi Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	1,0	–	733-0103	732-0103	733-0101	732-0101
2 Laterals	+10°	+8°	1,3	–	733-0203	732-0203	733-0201	732-0201
3 Cuspids	-7°	+8°	0,8	–	733-0303	732-0303	733-0301	732-0301
	Cuspids + hook	-7°	+8°	0,8	–	733-0313	732-0313	733-0311
4 Bicuspids	-7°	0°	0,9	–	733-0403	732-0403	733-0401	732-0401
	Bicuspids + hook	-7°	0°	0,9	–	733-0413	732-0413	733-0411
5 Bicuspids	-7°	0°	0,9	–	733-0403	732-0403	733-0401	732-0401
	Bicuspids + hook	-7°	0°	0,9	–	733-0413	732-0413	733-0411
6 1 <sup>st</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711
7 2 <sup>nd</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-6°	0°	1,4	–	732-1203	732-1203	732-1201	732-1201
2 Laterals	-6°	0°	1,4	–	732-1203	732-1203	732-1201	732-1201
3 Cuspids	-6°	+3°	1,0	–	733-1403	732-1403	733-1401	732-1401
	Cuspids + hook	-6°	+3°	1,0	–	733-1413	732-1413	733-1411
4 Bicuspids	-12°	+2°	1,1	–	733-1503	732-1503	733-1501	732-1501
	Bicuspids + hook	-12°	+2°	1,1	–	733-1513	732-1513	733-1511
5 Bicuspids	-17°	+2°	1,1	–	733-1603	732-1603	733-1601	732-1601
	Bicuspids + hook	-17°	+2°	1,1	–	733-1613	732-1613	733-1611
6 1 <sup>st</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711
7 2 <sup>nd</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-0837	706-0838	706-0839	706-0852	706-0853	706-0854
 3	706-0842	706-0843	706-0844	706-0857	706-0858	706-0859
 3-5	706-0847	706-0848	706-0849	706-0862	706-0863	706-0864

## BioQuick® – attacchi autoleganti attivi

## BioQuick® – active self-ligating brackets



### Roncone Prescription

Codice colore | color-marks






### BioQuick® Brackets Roncone Prescription

Maxillary					Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.	
					Right	Left
1 Centrals	+19°	+5°	1,1	–	737-0101	736-0101
2 Laterals	+10°	+8°	1,3	–	737-0201	736-0201
3 Cuspids Cuspids + hook	0°	+8°	0,8	–	737-0301	736-0301
	0°	+8°	0,8	–	737-0311	736-0311
4 Bicuspids Bicuspids + hook	-10°	+4°	0,9	2° distal	737-0501	736-0501
	-10°	+4°	0,9	2° distal	737-0511	736-0511
5 Bicuspids Bicuspids + hook	-10°	+4°	0,9	2° distal	737-0501	736-0501
	-10°	+4°	0,9	2° distal	737-0511	736-0511

Mandibular					Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.	
					Right	Left
1 Centrals	1°	0°	1,4	–	736-1201	736-1201
2 Laterals	1°	0°	1,4	–	736-1201	736-1201
3 Cuspids Cuspids + hook	-3°	+5°	1,0	–	737-1401	736-1401
	-3°	+5°	1,0	–	737-1411	736-1411
4 Bicuspids Bicuspids + hook	-7°	+2°	1,0	2° distal	737-1501	736-1501
	-7°	+2°	1,0	2° distal	737-1511	736-1511
5 Bicuspids Bicuspids + hook	-10°	+2°	1,0	2° distal	737-1601	736-1601
	-10°	+2°	1,0	2° distal	737-1611	736-1611

### Casi | Cases

Variation	Slot .022"		
	1	5	10
	706-6009	706-6012	706-6015
	706-6010	706-6013	706-6016
	706-6011	706-6014	706-6017

# BioQuick® – attacchi autoleganti attivi

## BioQuick® – active self-ligating brackets

### FACE Evolution II Prescription

Codice colore | color-marks



### BioQuick® Brackets FACE Evolution II Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	739-0103	738-0103	739-0101	738-0101
2 Laterals	+8°	+9°	1,3	–	739-0203	738-0203	739-0201	738-0201
3 Cuspids	+3°	+8°	0,8	–	739-0303	738-0303	739-0301	738-0301
	Cuspids + hook	+3°	+8°	0,8	–	739-0313	738-0313	739-0311
4 Bicuspids	0°	0°	0,9	–	739-0523	738-0523	739-0521	738-0521
	Bicuspids + hook	0°	0°	0,9	–	739-0533	738-0533	739-0531
5 Bicuspids	0°	0°	0,9	–	739-0523	738-0523	739-0521	738-0521
	Bicuspids + hook	0°	0°	0,9	–	739-0533	738-0533	739-0531

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,4	–	738-1303	738-1303	738-1301	738-1301
2 Laterals	-1°	0°	1,4	–	738-1303	738-1303	738-1301	738-1301
3 Cuspids	-6°	+2°	1,0	–	739-1403	738-1403	739-1401	738-1401
	Cuspids + hook	-6°	+2°	1,0	–	739-1413	738-1413	739-1411
4 Bicuspids	-12°	0°	1,2	–	739-1523	738-1523	739-1521	738-1521
	Bicuspids + hook	-12°	0°	1,2	–	739-1533	738-1533	739-1531
5 Bicuspids	-17°	0°	1,2	–	739-1623	738-1623	739-1621	738-1621
	Bicuspids + hook	-17°	0°	1,2	–	739-1633	738-1633	739-1631
6 1 <sup>st</sup> Molar	-30°	0°	–	–	739B1704	738B1704	739B1702	738B1702
7 2 <sup>nd</sup> Molar	-30°	0°	–	–	739-1804	738-1804	739-1802	738-1802




**BioQuick® – attacchi autoleganti attivi**  
**BioQuick® – active self-ligating brackets**



## FACE Evolution II Prescription



### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-1236	706-1237	706-1238	706-1245	706-1246	706-1247
 3	706-1239	706-1240	706-1241	706-1248	706-1249	706-1250
 3-5	706-1242	706-1243	706-1244	706-1251	706-1252	706-1253

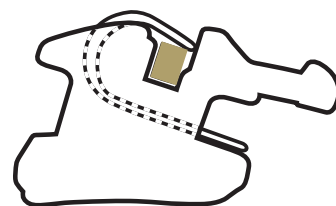
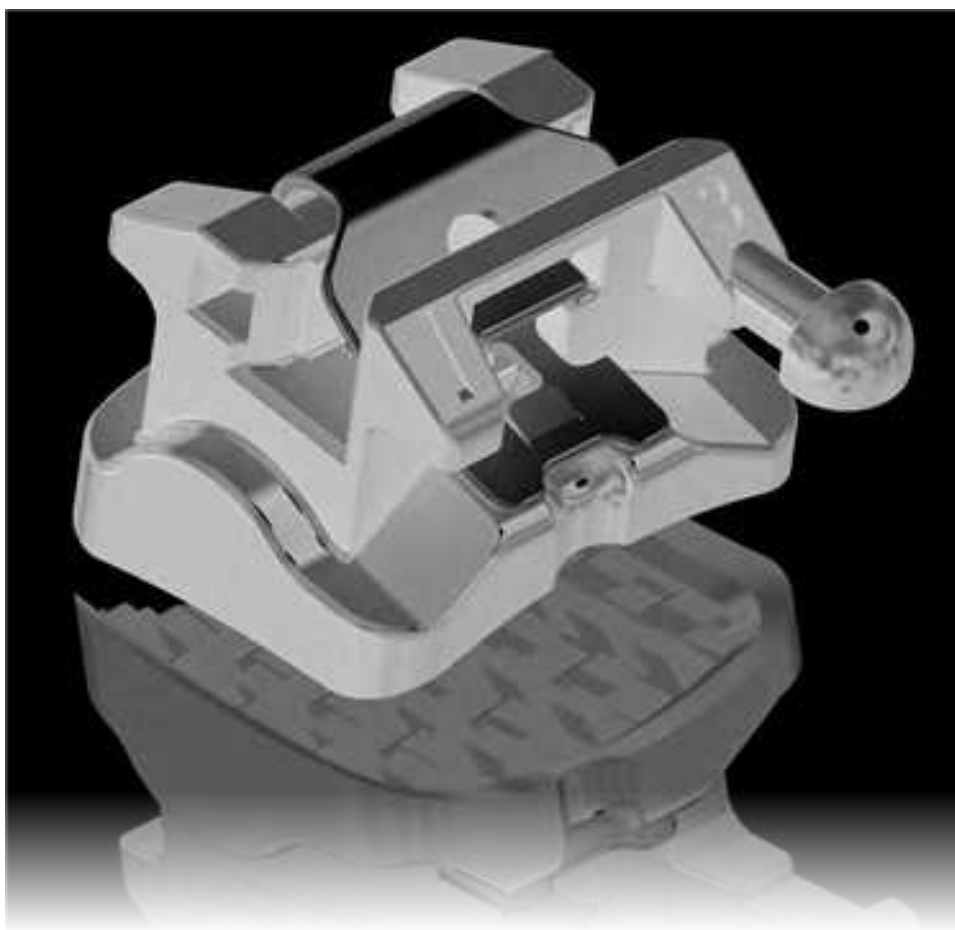
**Opzione: più torque negli incisivi inferiori**  
**Optionally more torque on mandibular front teeth**

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1+2 Centrals / Laterals	-6° *	0°	1,4	–	738-1203	738-1203	738-1201	738-1201

\* I brackets di collegamento capovolte convertono da -6° a +6° il torque. Ma ricorda: la clip si aprirà gengivalmente. Si prega di indicare se si preferisce questa opzione.

\* Bonding brackets upside down will convert torque from -6° to +6°. But keep in mind: the clip has to be opened to gingival in this case. Please indicate if you prefer this option.

## BioPassive® – attacchi autoleganti passivi BioPassive® – passive self-ligating brackets



Passivo = BioPassive®

Rimane passivo fino a .017" x .025" o  
.021" x .025"

Passive = BioPassive®

Remains passive up to .017" x .025"  
or .021" x .025"

### Le principali caratteristiche.

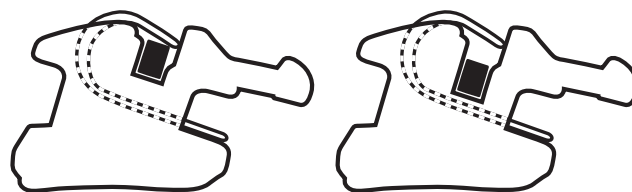
#### Most attractive advantages at a glance.

- |  |  |
|--|--|
| <p><b>1</b> Lo slot più profondo e l'apertura a „forma di imbuto“ consentono una meccanica di scorrimento passiva, pur mantenendo i vantaggi di una clip attiva.</p> | <p><b>1</b> Deeper-lying slot and funnel-shaped entrance enable passive sliding mechanics, while retaining the advantages of an active clip.</p>   |
| <p><b>2</b> Slot aux da .016x.016“ per utilizzare ausiliari o meccaniche a doppio arco.</p>  | <p><b>2</b> .016" x .016" auxiliary slot for use of auxiliaries or double archwire mechanics.</p>  |
| <p><b>3</b> Clip robusta e ampia che può essere aperta dal lato vestibolare e gengivale.</p>   | <p><b>3</b> Strong, wide clip that can be opened from the vestibular and gingival.</p>   |
| <p><b>4</b> Il margine perimetrale della base riduce l'eccesso di adesivo ed è smussato mesio-distalmente per facilitare il debonding.</p>                           | <p><b>4</b> The surrounding pad edge reduces adhesive overflow.</p>  |
| <p><b>5</b> Corpo del bracket monoblocco con la base a ganci contrapposti. Quando i bracket vengono rimossi, l'adesivo rimane sulla base anziché sul dente.</p>      | <p><b>5</b> One-piece bracket body with tried-and-tested hook-style base. When you remove the brackets, the majority of the adhesive remains on the base and does not adhere to the tooth.</p> |

# BioPassive® – attacchi autoleganti passivi

## BioPassive® – passive self-ligating brackets

La versione passiva dei famosi attacchi BioQuick®.  
 Frizione ridotta, controllo attivo durante il trattamento.  
 The passive version of the popular BioQuick® brackets.  
 Minimal friction – active control during treatment.



aktiv | active = BioQuick®

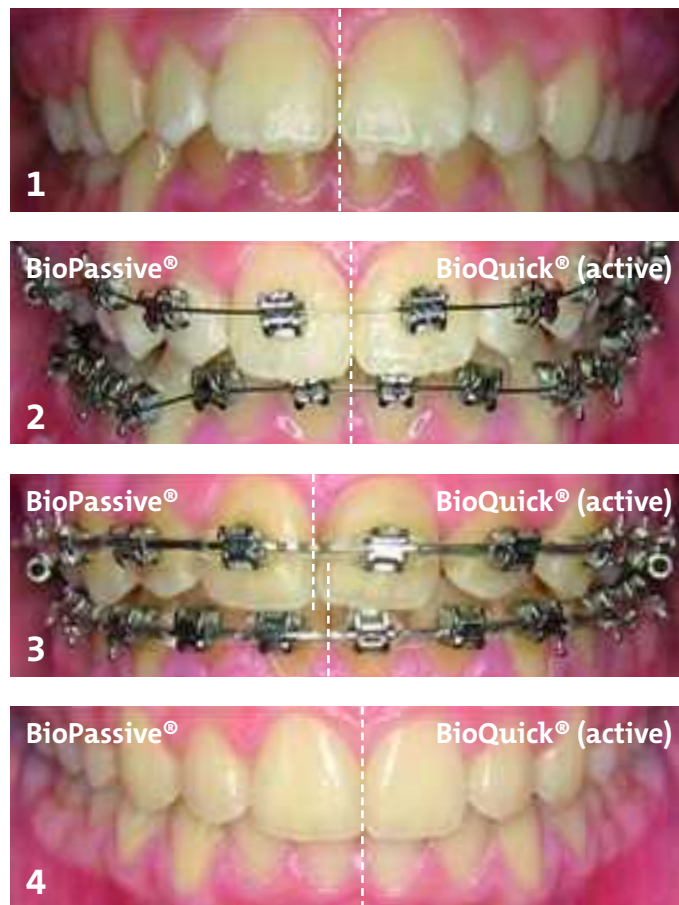
passiv | passive = BioPassive®

Il bracket BioPassive® racchiude la maggior parte delle eccellenti caratteristiche del BioQuick® come la base anatomica a ganci contrapposti e il sistema di apertura della clip. Lo slot dei BioPassive® è più profondo, lo spazio a disposizione permette maggiore movimento dell'arco, riducendo la frizione nello slot.

The origin is clear: BioPassive® incorporates the majority of the proven features of the BioQuick® bracket, e.g. the anatomically adapted hook-style base and the convenient clip technology. However, the slot of the BioPassive® bracket is deeper. This enlargement of the slot provides larger clearance for the archwire, which in turn greatly reduces the friction of the archwire in the slot.

La maggiore libertà di scorrimento degli archi nello slot facilita la chiusura dei diastemi quando si utilizzano archi di sezioni più spesse, come mostrato nel caso clinico (a fianco). In questo paziente, al quale sono stati estratti i premolari, la chiusura dello spazio è stata effettuata usando BioPassive® nel quadrante destro e BioQuick® in quello sinistro. La linea mediana (fig. 1 e 2) si sposta durante e dopo la chiusura del diastema verso il quadrante trattato con attacchi passivi (fig. 3 e 4). Lo spostamento, dovuto alla maggiore rapidità nella chiusura dello spazio con il sistema BioPassive®, è evidente nel confronto con le foto riferite alla versione attiva BioQuick®.

The bigger clearance of the archwire in the passive slot is more beneficial with space closure when using large archwires than active brackets that have less clearance in the slot. This can produce faster gap closure, as the illustrated treatment example shows. In this case, which involved symmetrical premolar extraction in the maxilla, space closure was completed on the right using BioPassive® brackets and on the left using active BioQuick® brackets. The originally correct midline in the maxilla (Fig. 1 and 2) is shifting during and after space closure to the side treated passively (Fig. 3 and 4). The faster midline shift when using BioPassive® in comparison with active BioQuick® can be clearly seen in the pictures.



Images: Dr. Björn Ludwig, Dr. Bettina Glasl, Traben-Trarbach.

Nei movimenti dentali di maggiore entità, come le rotazioni, un arco sottile potrà scorrere aderente alla clip anche nella versione passiva. La clip flessibile faciliterà i movimenti dentali anche in questo caso. La clip è passiva anche con archi a pieno spessore .018" x .025" (per slot .018") e .022" x .028" (per slot .022").

With extreme tooth movements, e.g. rotations, even a thinner archwire will engage the clip in the passive slot. The flexible clip actively supports tooth movement in this case. The clip is passive with archwires up to slot-filling dimensions of .017" x .025" (.018" slot) or .021" x .025" (.022" slot).



Slot .022":  
 Archi .021" x .025"  
 (pieno spessore), clip passiva  
 Archwire .021" x .025"  
 (slot filling) passive clip

Slot .018":  
 Archi .017" x .025"  
 (pieno spessore), clip passiva  
 Archwire .017" x .025"  
 (slot filling) passive clip

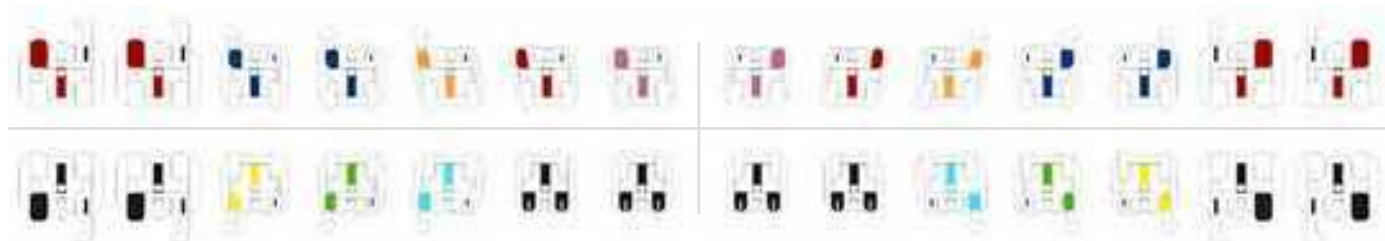
# BioPassive® – attacco autolegante passivo

## BioPassive® – passive self-ligating brackets



### Roth Prescription

Codice colore | color-marks



### BioPassive® Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	731P0103	730P0103	731P0101	730P0101
2 Laterals	+8°	+9°	1,4	–	731P0203	730P0203	731P0201	730P0201
3 Cuspids	-2°	+11°	0,7	4° mesial	731P0303	730P0303	731P0301	730P0301
	Cuspids + hook	-2°	+11°	0,7	4° mesial	731P0313	730P0313	731P0311
4 Bicuspids	-7°	0°	0,7	2° distal	731P0503	730P0503	731P0501	730P0501
	Bicuspids + hook	-7°	0°	0,7	2° distal	731P0513	730P0513	731P0511
5 Bicuspids	-7°	0°	0,7	2° distal	731P0503	730P0503	731P0501	730P0501
	Bicuspids + hook	-7°	0°	0,7	2° distal	731P0513	730P0513	731P0511
6 1 <sup>st</sup> Molar + hook	-14°	0°	–	12° distal	731P0713	730P0713	731P0711	730P0711
7 2 <sup>nd</sup> Molar + hook	-14°	0°	–	12° distal	731P0713	730P0713	731P0711	730P0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	1,5	–	730P1203	730P1203	730P1201	730P1201
2 Laterals	0°	0°	1,5	–	730P1203	730P1203	730P1201	730P1201
3 Cuspids	-11°	+7°	1,1	2° mesial	731P1403	730P1403	731P1401	730P1401
	Cuspids + hook	-11°	+7°	1,1	2° mesial	731P1413	730P1413	731P1411
4 Bicuspids	-17°	0°	1,0	4° distal	731P1503	730P1503	731P1501	730P1501
	Bicuspids + hook	-17°	0°	1,0	4° distal	731P1513	730P1513	731P1511
5 Bicuspids	-22°	0°	1,0	4° distal	731P1603	730P1603	731P1601	730P1601
	Bicuspids + hook	-22°	0°	1,0	4° distal	731P1613	730P1613	731P1611
6 1 <sup>st</sup> Molar + hook	-20°	0°	–	2° distal	731P1713	730P1713	731P1711	730P1711
7 2 <sup>nd</sup> Molar + hook	-20°	0°	–	2° distal	731P1713	730P1713	731P1711	730P1711

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706P0971	706P0972	706P0973	706P0986	706P0987	706P0988
	706P0976	706P0977	706P0978	706P0991	706P0992	706P0993
	706P0981	706P0982	706P0983	706P0996	706P0997	706P0998

### BioQuick® Universal Molar-Brackets

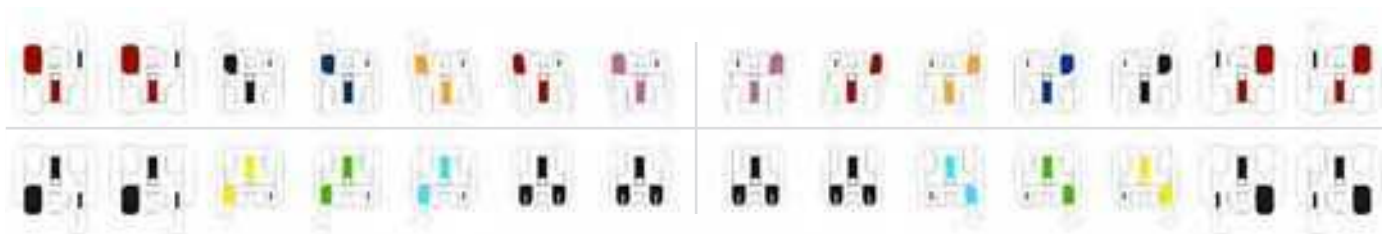
Cases	Slot .018"		Slot .022"	
	Right	Left	Right	Left
Max. 6-7	731P0713	730P0713	731P0711	730P0711
Mand. 6-7	731P1713	730P1713	731P1711	730P1711

# BioPassive® – attacco autolegante passivo BioPassive® – passive self-ligating brackets



## McLaughlin/Bennett/Trevisi Prescription

Codice colore | color-marks



### BioPassive® Brackets McLaughlin/Bennett/Trevisi Prescription






Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	1,0	–	733P0103	732P0103	733P0101	732P0101
2 Laterals	+10°	+8°	1,4	–	733P0203	732P0203	733P0201	732P0201
3 Cuspids Cuspids + hook	-7°	+8°	0,7	–	733P0303	732P0303	733P0301	732P0301
	-7°	+8°	0,7	–	733P0313	732P0313	733P0311	732P0311
4 Bicuspids Bicuspids + hook	-7°	0°	0,7	–	733P0403	732P0403	733P0401	732P0401
	-7°	0°	0,7	–	733P0413	732P0413	733P0411	732P0411
5 Bicuspids Bicuspids + hook	-7°	0°	1,1	–	733P0503	732P0503	733P0501	732P0501
	-7°	0°	1,1	–	733P0513	732P0513	733P0511	732P0511
6 1 <sup>st</sup> Molar + hook	-14°	0°	–	12° distal	731P0713	730P0713	731P0711	730P0711
7 2 <sup>nd</sup> Molar + hook	-14°	0°	–	12° distal	731P0713	730P0713	731P0711	730P0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-6°	0°	1,5	–	732P1203	732P1203	732P1201	732P1201
2 Laterals	-6°	0°	1,5	–	732P1203	732P1203	732P1201	732P1201
3 Cuspids Cuspids + hook	-6°	+3°	1,1	–	733P1403	732P1403	733P1401	732P1401
	-6°	+3°	1,1	–	733P1413	732P1413	733P1411	732P1411
4 Bicuspids Bicuspids + hook	-12°	+2°	1,0	–	733P1503	732P1503	733P1501	732P1501
	-12°	+2°	1,0	–	733P1513	732P1513	733P1511	732P1511
5 Bicuspids Bicuspids + hook	-17°	+2°	1,0	–	733P1603	732P1603	733P1601	732P1601
	-17°	+2°	1,0	–	733P1613	732P1613	733P1611	732P1611
6 1 <sup>st</sup> Molar + hook	-20°	0°	–	2° distal	731P1713	730P1713	731P1711	730P1711
7 2 <sup>nd</sup> Molar + hook	-20°	0°	–	2° distal	731P1713	730P1713	731P1711	730P1711

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706P0837	706P0838	706P0839	706P0852	706P0853	706P0854
	706P0842	706P0843	706P0844	706P0857	706P0858	706P0859
	706P0847	706P0848	706P0849	706P0862	706P0863	706P0864

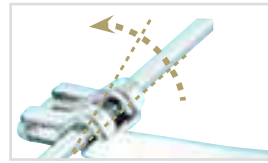
**BioQuick® , BioPassive® – Accessori**  
**BioQuick® , BioPassive® – Accessories**

Order No.		Content	Description
C501-1842		1	<b>QuicKlear® + BioPassive®</b> Sonda standard doppia, per aprire le clip  <b>QuicKlear® + BioPassive®</b> Classic opening instrument, double sided
501-1845		1	<b>BioQuick®</b> Sonda standard doppia, per aprire le clip  <b>BioQuick®</b> Classic opening instrument, double sided
501-1846		1	<b>Sonda a forchetta BioQuick®</b> arresto meccanico per un'apertura sicura, su due lati  <b>Two-pronged probe BioQuick®</b> mechanical stop for safe opening, two-sided
501-0861		1	<b>Direzionatore per archi</b>  Archwire director
760-0071		50	<b>Stop crimpabili per archi</b>  Crimpable Stops





# Attacchi Linguali 2D® – Tecnica linguale semplificata Forestadent Lingual brackets – Easy Lingual Orthodontics



**Mini Ants**  
For improved rotational control if there is severe crowding

**Lingual tubes**  
With a larger hook for applying intermaxillary traction

You can find further versions of the 2D® lingual brackets in the catalog.

## Le principali caratteristiche. Most attractive advantages at a glance.

- 1** Le clip consentono un inserimento sicuro dell'arco dal lato occlusale.
- 2** Design estremamente sottile. Lo spessore dei bracket è tra 1,3-1,65 mm.
- 3** Le clip sono facili da aprire grazie ai bordi smussati.
- 4** Bonding facile e diretto senza necessariamente il supporto del laboratorio.
- 5** Consente trattamenti ibridi invisibili in abbinamento agli allineatori trasparenti

- 1** Clips allow secure archwire insertion from occlusal.
- 2** Extremely flat design. Height is 1.3–1.65 mm depending on version.
- 3** Clips are easy to open thanks to chamfered edges.
- 4** Easy direct bonding without lab support.
- 5** Allows for invisible hybrid treatments in combination with aligners

# Attacchi Linguali 2D® – Tecnica linguale semplificata Forestadent

## 2D® Lingual brackets – Easy Lingual Orthodontics



I nuovi attacchi linguali 2D® Forestadent sono estremamente sottili, confortevoli, facili da usare; ideali anche per i pazienti che richiedono un trattamento ortodontico "invisibile". Semplici da cementare direttamente sui denti, questi attacchi permettono di utilizzare la tecnica linguale facilmente, con costi ridotti.

They are extremely flat, comfortable and thanks to its uncomplicated technique ideally suited for clinicians who would like to enter the field of lingual orthodontics – the 2D® lingual brackets by FORESTADENT. Easy to handle, reasonably priced and without lab costs. This bracket system is a cost effective way to introduce lingual orthodontics into any practice.

### Facili da usare

Gli attacchi linguali 2D® sono semplici da usare. L'arco si inserisce verticalmente dal lato oclusale nelle clip autoleganti che si aprono facilmente con lo strumento specifico e si chiudono semplicemente con una pinza di Weingart sottile.

### Easy to use

The 2D® lingual brackets are notably easier to use. Through the special self ligating wings the archwire can be easily inserted from the occlusal. The clip can be easily opened from the occlusal with a special explorer and closed with Weingart-Ultralight wire pliers.



### Clip

Le clip garantiscono un ottimo controllo dell'arco ed una facile apertura. Si possono utilizzare archi linguali fino a .022" di sezione.

### Clip

Optimised clip assures a better wire control and easy opening. Round wires with a maximum diameter of .022" can be used.

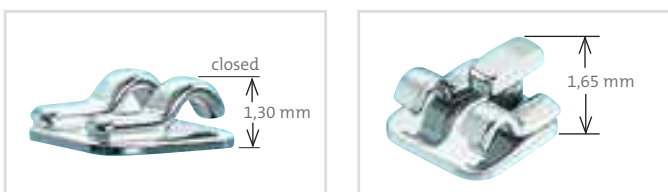


### Estremamente sottili

Lo spessore totale dei brackets 2D® è compreso fra 1,3 e 1,65 mm, inclusa la base. Sono molto confortevoli per il paziente e non compromettono la fonetica.

### Extremely flat design

The total thickness of the 2D® lingual brackets is 1.3 to 1.65 mm, including the base. Thus they are hardly noticeable for the patient and the ability to speak is not affected.



### Biomeccanica ottimale

L'attacco viene cementato in prossimità del centro di resistenza del dente, offrendo una biomeccanica ottimale per tipping e rotazioni. La prima fase di trattamento si sviluppa in tempi estremamente rapidi.

### Excellent biomechanics

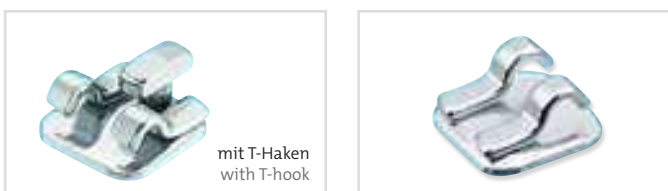
The bracket is bonded close to the center of resistance and therefore offers excellent biomechanics for tipping and rotating teeth. The first treatment phase can be achieved remarkably fast.

### Molte varianti dei brackets

- Mini anteriori, per una migliore rotazione controllo in caso di grave affollamento
- Brackets 2D® con gancio a T o gengivale, per l'uso di catenelle o elastici
- Tubi linguali, con ganci più grandi per elastici intermascellari
- Brackets linguali in diverse larghezze

### Variety of Bracket Types

- Mini Ants for better rotation control in cases with severe crowding
- 2D® bracket with T-hook or gingival hook for attachment of elastic chains
- Lingual tubes with bigger hook for application intermaxillary elastics
- Standard brackets in two different widths.



# Attacchi Linguali 2D® – Tecnica linguale semplificata Forestadent

## 2D® Lingual brackets – Easy Lingual Orthodontics



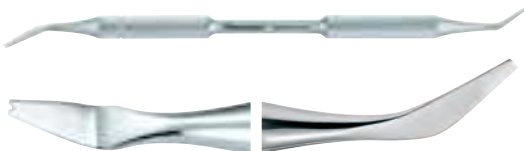





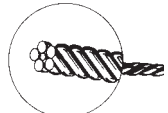


Order No.	Bracket	Use	Content	Size	Description														
760-1026		<table border="1"> <tr> <td>5 4 3 2 1</td> <td> </td> <td>1 2 3 4 5</td> </tr> <tr> <td>5 4 3 2 1</td> <td> </td> <td>1 2 3 4 5</td> </tr> </table>	5 4 3 2 1		1 2 3 4 5	5 4 3 2 1		1 2 3 4 5	10	medium twin	<b>Attacchi Linguali 2D® senza gancio, 1,3 mm spessore</b> 2D® Lingual Bracket without hook, only 1,3 mm flat								
5 4 3 2 1		1 2 3 4 5																	
5 4 3 2 1		1 2 3 4 5																	
760-1126		<table border="1"> <tr> <td>7 6 5 4 3 2 1</td> <td> </td> <td>1 2 3 4 5 6 7</td> </tr> <tr> <td>7 6 5 4 3 2 1</td> <td> </td> <td>1 2 3 4 5 6 7</td> </tr> </table>	7 6 5 4 3 2 1		1 2 3 4 5 6 7	7 6 5 4 3 2 1		1 2 3 4 5 6 7	10	medium twin	<b>Attacchi Linguali 2D® con gancio gengivale, 1,3 mm spessore</b> 2D® Lingual Bracket with large, gingival hook, only 1,3 mm flat								
7 6 5 4 3 2 1		1 2 3 4 5 6 7																	
7 6 5 4 3 2 1		1 2 3 4 5 6 7																	
763-1126		<table border="1"> <tr> <td>5 4 3 2 1</td> <td> </td> <td>1 2 3 4 5</td> </tr> <tr> <td>5 4 3 2 1</td> <td> </td> <td>1 2 3 4 5</td> </tr> </table>	5 4 3 2 1		1 2 3 4 5	5 4 3 2 1		1 2 3 4 5	10	medium twin	<b>Attacchi Linguali 2D® con gancio a T</b> 2D® Lingual Bracket with T-hook								
5 4 3 2 1		1 2 3 4 5																	
5 4 3 2 1		1 2 3 4 5																	
760-1028		<table border="1"> <tr> <td>3 2 1</td> <td> </td> <td>1 2 3</td> </tr> </table>	3 2 1		1 2 3	10	narrow single	<b>Attacchi Linguali 2D® senza gancio, 1,3 mm spessore</b> 2D® Lingual Bracket without hook, only 1,3 mm flat											
3 2 1		1 2 3																	
760-1029		<table border="1"> <tr> <td>3 2 1</td> <td> </td> <td>1 2 3</td> </tr> </table>	3 2 1		1 2 3	10	narrow twin	<b>Mini Ants</b> alette strette, per il controllo della rotazione Mini Ants for better rotation control											
3 2 1		1 2 3																	
760-1027		<table border="1"> <tr> <td>7 6 5 4</td> <td> </td> <td>1</td> <td> </td> <td>1</td> <td> </td> <td>4 5 6 7</td> </tr> <tr> <td>7 6 5 4</td> <td> </td> <td></td> <td> </td> <td></td> <td> </td> <td>4 5 6 7</td> </tr> </table>	7 6 5 4		1		1		4 5 6 7	7 6 5 4						4 5 6 7	10	large twin	<b>Attacchi Linguali 2D® senza gancio, 1,3 mm spessore</b> 2D® Lingual Bracket without hook, only 1,3 mm flat
7 6 5 4		1		1		4 5 6 7													
7 6 5 4						4 5 6 7													
760-1032		<table border="1"> <tr> <td>3 2 1</td> <td> </td> <td>1 2 3</td> </tr> </table>	3 2 1		1 2 3	10	narrow twin	<b>Mini Ants</b> per il controllo della rotazione Mini Ants for better rotation control, narrow											
3 2 1		1 2 3																	
760-1167		<table border="1"> <tr> <td>7 6</td> <td> </td> <td>6 7</td> </tr> </table>	7 6		6 7	10	standard	<b>Tubi linguali con gancio</b>											
7 6			6 7																
760-2167	<table border="1"> <tr> <td>7 6</td> <td> </td> <td>6 7</td> </tr> </table>	7 6		6 7	10	Lingual tube													
7 6		6 7																	

# Attacchi linguali 2D® – Accessori

## 2D® Lingual brackets – Accessories



Description	Content	Content	Order No.
<b>Catenella linguale –</b> più sottile di quelle standard  <b>Lingual elastic chain –</b> flatter than standard-chains	1 Rotolo  1 roll		655-0015
<b>Tucker per archi</b> autoclavabile, sterilizzabile  <b>Archwire tucker</b> disinfectabile, sterilizable	1		501-0855
<b>Sonda speciale con direzionatore</b> per apertura alette nei brackets 2D®  <b>Special explorer with director</b> to open the 2D® lingual brackets	1		501-0843
<b>Pinze per filo metallico</b> <b>Durogrip Filo ultraleggero</b> disinfectabile e sterilizzabile  <b>Durogrip wire grasping pliers</b> <b>Ultralightwire</b> disinfectabile, sterilizable	1		501-0849
<b>Calibro</b> con mina in grafite per marcare altezze linguali e vestibolari  <b>Dental calliper gauge</b> with graphite marker for measurements of internal and external dimensions of lab works	1		501-0863
<b>Mine in grafite di ricambio</b> per calibro linguale  <b>Spare leads for dental calliper gauge</b>	12		501-0879
<b>Silicone Medicale</b> da usare per alleviare le irritazioni causate dall'apparecchiatura  <b>Dental wax</b> for orthodontic appliances	10		413-0012
<b>Retainer linguale diretto</b> si cementa sul dente per contenzione, senza setup su modello  <b>Lingual retainer pad</b> for individual pre- paration of retainers for direct application without prior fitting on the model	10		760-0070
<b>Filo morbido intrecciato a 6</b> Passivo, si modella e adatta con estrema facilità. Fili dritti da 35,5 cm / 14"  <b>6-twist stranded, soft wire</b> is especially suited for adapting purposes. Pieces of 355 mm / 14" length	10	 ø 0,40 mm = .016 inch	261-4040



## Attacchi in metallo

### Metal brackets



## Sprint® Brackets

### Sprint® brackets



Sprint® II    Mini Sprint® II    Micro Sprint®



### Le caratteristiche principali.

#### Most attractive advantages at a glance.

**1** Disponibile in tre formati: Sprint® II, Mini Sprint® II e Micro Sprint®.

**2** Marcatura continua della linea mediana per facilitarne il posizionamento.

**3** Il margine perimetrale della base riduce l'eccesso di adesivo ed è smussato mesio-distalmente per facilitare il debonding.

**4** Profilo basso per un ottimo comfort intraorale e un buon risultato estetico.

**5** Corpo del bracket monoblocco con la base a ganci contrapposti. Quando i bracket vengono rimossi, l'adesivo rimane sulla base anziché sul dente.

**1** Available in three sizes: Sprint® II, Mini Sprint® II, and Micro Sprint®.

**2** Continuous mid line marking for easy positioning.

**3** The surrounding pad edge reduces adhesive overflow and is mesio-distally chamfered in order to facilitate debonding.

**4** Low profile for good intraoral comfort and aesthetics.

**5** One-piece bracket body with tried-and-tested hook-style base. When you remove the brackets, the majority of the adhesive remains on the base and does not adhere to the tooth.

# Attacchi Micro Sprint®

## Micro Sprint® brackets



## Roth Prescription

Codice colore | color-marks






## Micro Sprint® Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	0,7	–	784-0103	783-0103	784-0101	783-0101
2 Laterals	+8°	+9°	1,0	–	784-0203	783-0203	784-0201	783-0201
3 Cuspids	-2°	+11°	0,5	4° mesial	784-0303	783-0303	784-0301	783-0301
	Cuspids + hook	-2°	+11°	0,5	4° mesial	784-0313	783-0313	784-0311
4 Bicuspids	-7°	0°	0,5	2° distal	784-0503	783-0503	784-0501	783-0501
	Bicuspids + hook	-7°	0°	0,5	2° distal	784-0513	783-0513	784-0511
5 Bicuspids	-7°	0°	0,5	2° distal	784-0503	783-0503	784-0501	783-0501
	Bicuspids + hook	-7°	0°	0,5	2° distal	784-0513	783-0513	784-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	1,2	–	783-1203	783-1203	783-1201	783-1201
2 Laterals	0°	0°	1,2	–	783-1203	783-1203	783-1201	783-1201
3 Cuspids	-11°	+7°	0,7	2° mesial	784-1403	783-1403	784-1401	783-1401
	Cuspids + hook	-11°	+7°	0,7	2° mesial	784-1413	783-1413	784-1411
4 Bicuspids	-17°	0°	0,7	4° distal	784-1503	783-1503	784-1501	783-1501
	Bicuspids + hook	-17°	0°	0,7	4° distal	784-1513	783-1513	784-1511
5 Bicuspids	-22°	0°	0,7	4° distal	784-1603	783-1603	784-1601	783-1601
	Bicuspids + hook	-22°	0°	0,7	4° distal	784-1613	783-1613	784-1611

## Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-1094	706-1095	706-1096	706-1103	706-1104	706-1105
	706-1097	706-1098	706-1099	706-1106	706-1107	706-1108
	706-1100	706-1101	706-1102	706-1109	706-1110	706-1111



## McLaughlin/Bennett/Trevisi Prescription

Codice colore | color-marks



### Micro Sprint® Brackets McLaughlin/Bennett/Trevisi Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	0,8	–	778-0103	777-0103	778-0101	777-0101
2 Laterals	+10°	+8°	1,0	–	778-0203	777-0203	778-0201	777-0201
3 Cuspids Cuspids + hook	-7°	+8°	0,5	–	778-0303	777-0303	778-0301	777-0301
	-7°	+8°	0,5	–	778-0313	777-0313	778-0311	777-0311
4 Bicuspids Bicuspids + hook	-7°	0°	0,5	–	778-0403	777-0403	778-0401	777-0401
	-7°	0°	0,5	–	778-0413	777-0413	778-0411	777-0411
5 Bicuspids Bicuspids + hook	-7°	0°	0,9	–	778-0503	777-0503	778-0501	777-0501
	-7°	0°	0,9	–	778-0513	777-0513	778-0511	777-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-6°	0°	1,2	–	777-1203	777-1203	777-1201	777-1201
2 Laterals	-6°	0°	1,2	–	777-1203	777-1203	777-1201	777-1201
3 Cuspids Cuspids + hook	-6°	+3°	0,7	–	778-1403	777-1403	778-1401	777-1401
	-6°	+3°	0,7	–	778-1413	777-1413	778-1411	777-1411
4 Bicuspids Bicuspids + hook	-12°	+2°	0,7	–	778-1503	777-1503	778-1501	777-1501
	-12°	+2°	0,7	–	778-1513	777-1513	778-1511	777-1511
5 Bicuspids Bicuspids + hook	-17°	+2°	0,7	–	778-1603	777-1603	778-1601	777-1601
	-17°	+2°	0,7	–	778-1613	777-1613	778-1611	777-1611

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-1112	706-1113	706-1114	706-1121	706-1122	706-1123
	706-1115	706-1116	706-1117	706-1124	706-1125	706-1126
	706-1118	706-1119	706-1120	706-1127	706-1128	706-1129

# Attacchi Mini Sprint® II

## Mini Sprint® II brackets



### Roth Prescription

Codice colore | color-marks



### Mini Sprint® II Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	788-0103	787-0103	788-0101	787-0101
2 Laterals	+8°	+9°	1,2	–	788-0203	787-0203	788-0201	787-0201
3 Cuspids Cuspids + hook	-2°	+11°	0,7	4° mesial	788-0313	787-0313	788-0311	787-0311
	-2°	+11°	0,7	4° mesial	788-0303	787-0303	788-0301	787-0301
4 Bicuspids Bicuspids + hook	-7°	0°	0,8	2° distal	788-0513	787-0513	788-0511	787-0511
	-7°	0°	0,8	2° distal	788-0503	787-0503	788-0501	787-0501
5 Bicuspids Bicuspids + hook	-7°	0°	0,8	2° distal	788-0513	787-0513	788-0511	787-0511
	-7°	0°	0,8	2° distal	788-0503	787-0503	788-0501	787-0501

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	1,3	–	787-1203	787-1203	787-1201	787-1201
2 Laterals	0°	0°	1,3	–	787-1203	787-1203	787-1201	787-1201
3 Cuspids Cuspids + hook	-11°	+7°	0,7	2° mesial	788-1413	787-1413	788-1411	787-1411
	-11°	+7°	0,7	2° mesial	788-1403	787-1403	788-1401	787-1401
4 Bicuspids Bicuspids + hook	-17°	0°	0,7	4° distal	788-1513	787-1513	788-1511	787-1511
	-17°	0°	0,7	4° distal	788-1503	787-1503	788-1501	787-1501
5 Bicuspids Bicuspids + hook	-22°	0°	0,7	4° distal	788-1613	787-1613	788-1611	787-1611
	-22°	0°	0,7	4° distal	788-1603	787-1603	788-1601	787-1601

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-1001	706-1002	706-1003	706-1016	706-1017	706-1018
	706-1006	706-1007	706-1008	706-1021	706-1022	706-1023
	706-1011	706-1012	706-1013	706-1026	706-1027	706-1028

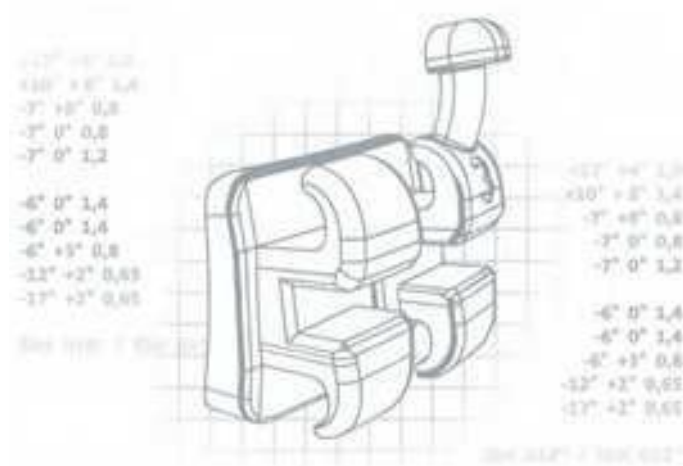
# Le prescrizioni FORESTADENT – McLaughlin Bennett 5.0

## The FORESTADENT Prescriptions – McLaughlin Bennett 5.0

McLaughlin  
Bennett 5.0  
with FORESTADENT

### La filosofia McLaughlin Bennett 5.0

#### The McLaughlin Bennett 5.0 Philosophy



Con "McLaughlin Bennett 5.0", il Dr. Richard P. McLaughlin e il Dr. John C. Bennett presentano l'ultimo aggiornamento della loro filosofia di trattamento McLaughlin/Bennett/Trevisi, sviluppata in passato con il Dr. Hugo Trevisi. McLaughlin Bennett 5.0 tiene conto dei progressi significativi compiuti negli ultimi anni e dei risultati clinici che ne derivano, incorporati nella nuova prescrizione con valori di torque e di in/out adattati. La prescrizione McLaughlin Bennett 5.0, sviluppata in collaborazione con FORESTADENT, è completata da una sequenza specifica di archi.

With "McLaughlin Bennett 5.0", Dr Richard P McLaughlin and Dr John C Bennett are presenting the latest modification to their McLaughlin/Bennett/Trevisi treatment concept, which was developed long ago with Dr Hugo Trevisi. McLaughlin Bennett 5.0 takes the significant advances made in recent years and the resulting clinical findings into account, incorporating them into an improved prescription in the form of adjusted torque and in/out values. The McLaughlin Bennett 5.0 Prescription, which was developed in cooperation with FORESTADENT is complimented with a corresponding series of archwires.



**2025 Pubblicazione del quinto libro "Improving Orthodontic Outcomes"** (Migliorare i risultati ortodontici) del Dr. McLaughlin, del Dr. Bennett e del Dr. Cantarella è stato pubblicato nell'estate del 2025.

**2025 The release of the fifth book „Improving Orthodontic Outcomes“** by Dr. McLaughlin, Dr. Bennett und Dr. Cantarella was released in Summer of 2025.

Order No.: 100E0024

Il lavoro del dottor Lawrence F. Andrews negli anni '70 ha portato a cambiamenti rivoluzionari. L'attenzione non era più rivolta solo alla piegatura del filo e inoltre due aspetti diventavano essenziali per una buona meccanica nel trattamento: il posizionamento e la qualità del bracket. Negli anni '80 e '90, i dottori McLaughlin e Bennett, insieme al dottor Trevisi, hanno sviluppato la loro filosofia di trattamento, che hanno presentato al congresso AAO di Philadelphia nel 1997. Con il tempo è diventata la prescrizione più utilizzata a livello mondiale, ma negli anni ci sono stati diversi aggiornamenti. I dottori McLaughlin e Bennett hanno continuato a sviluppare e migliorare la filosofia di trattamento documentando nelle loro pubblicazioni alcuni importanti cambiamenti apportati.

The work of Dr. Lawrence F. Andrews in the 1970s changed everything. The emphasis moved away from wire bending, and two things became essential for good treatment mechanics – bracket positioning and bracket quality. In the 1980s and 1990s Dr. McLaughlin and Dr. Bennett developed their treatment philosophy together with Dr. Trevisi and released it at the AAO meeting in Philadelphia in 1997. In time, it became the most widely used treatment method in the world, but things have moved on since then. Dr. McLaughlin and Dr. Bennett have continued to develop and improve the treatment method and documented some of the important changes they have made in their publications.

Attualmente il loro lavoro è stato quello di sviluppare un sistema di trattamento "ideale". McLaughlin Bennett 5.0 è l'ultima versione di questo sistema ed è descritto in modo completo nel libro di testo "Fundamentals of Orthodontic Treatment Mechanics".

It has been their life's work to develop an 'ideal' treatment system. McLaughlin Bennett 5.0 is the latest version of this, and it is fully described in their textbook, 'Fundamentals of Orthodontic Treatment Mechanics'.

## Guida per il posizionamento dei brackets

Indicazioni dei Dr. John Bennett e Rick McLaughlin

### Bracket Placement Guide

Recommendations from John Bennett and Rick McLaughlin

U7	U6	U5	U4	U3	U2	U1	Upper Arch
2.0	4.0	5.0	5.5	6.0	5.5	6.0	+1.0 mm
2.0	3.5	4.5	5.0	5.5	5.0	5.5	+0.5 mm
2.0	3.0	4.0	4.5	5.0	4.5	5.0	Average
2.0	2.5	3.5	4.0	4.5	4.0	4.5	-0.5 mm
2.0	2.0	3.0	3.5	4.0	3.5	4.0	-1.0 mm

La guida al posizionamento dei bracket è particolarmente utile nei casi in cui il centro della corona è difficile da localizzare, forme e dimensioni anomale dei denti o quando i denti sono solo parzialmente erotti. La linea "Mediana" indica la distanza tra il bordo incisale o occlusale e il centro della corona clinica. Le linee sopra e sotto indicano deviazioni di ± 0,5 mm e 1,0 mm dalla media per i casi con elementi dentali più piccoli o più grandi.

L7	L6	L5	L4	L3	L2	L1	Lower Arch
3.5	3.5	4.5	5.0	5.5	5.0	5.0	+1.0 mm
3.0	3.0	4.0	4.5	5.0	4.5	4.5	+0.5 mm
2.5	2.5	3.5	4.0	4.5	4.0	4.0	Average
2.0	2.0	3.0	3.5	4.0	3.5	3.5	-0.5 mm
2.0	2.0	2.5	3.0	3.5	3.0	3.0	-1.0 mm

This bracket placement guide supplements the visual technique and is most helpful when the center of the clinical crown is difficult to locate due to partial eruption, gingival inflammation, or abnormal tooth size and shape. The „average“ row represents the distance from the incisal or occlusal edge of the tooth to the center of the clinical crown. The rows above and below the average row give the values for larger or smaller sized tooth crowns.

# Le prescrizioni FORESTADENT – McLaughlin Bennett 5.0

## The FORESTADENT Prescriptions – McLaughlin Bennett 5.0

McLaughlin  
Bennett 5.0  
with FORESTADENT

La storia ad oggi (Estratto dalla Guida filosofica di McLaughlin Bennett 5.0)

The story so far (Extract from the McLaughlin Bennett 5.0 Philosophy Guide)

### Gli anni '70 e il lavoro di Andrews

Andrews pubblicò il suo innovativo trattamento "Six Keys" nel 1972 e introdusse lo SWA (Straight Wire Appliance) basato sulle sue ricerche. Il mondo ortodontico è cambiato, per sempre.

### 1980 – 1989 Gli anni delle meccaniche di trattamento

Abbiamo descritto il nostro lavoro sullo sviluppo delle forze costanti, leggere e delle meccaniche di scorrimento in una serie di articoli, il primo dei quali nel 1989.

### 1993 L'inizio delle pubblicazioni

Il nostro primo libro – "Orthodontic Treatment Mechanics and the Preadjusted Appliance" – spiegava le meccaniche in modo più dettagliato e includeva una selezione di casi trattati.

### 1990 – 1996 Gli anni dello sviluppo dei brackets

I brackets SWA sono stati ridisegnati, mantenendo i vantaggi ed eliminando i difetti. Tra questi, la riduzione del tip, migliorando il controllo del torque e numerosi miglioramenti dei dettagli. Inoltre, è stata suggerita una maggiore semplificazione della meccanica in una serie di casi.

### 1997 La pubblicazione del secondo libro

"Orthodontic Management of the Dentition with the Preadjusted Appliance" è stato presentato al Congresso AAO di Philadelphia. Ha definito le caratteristiche ideali dei brackets che oggi, dopo tanti anni sono ancora valide.

### 1997 – 2001 Miglioramento dettagliato del sistema di trattamento

Nel corso di questo quinquennio, sono stati trattati molti casi che hanno permesso un ulteriore affinamento delle meccaniche e dei brackets consigliati.

### 2001 La pubblicazione del terzo libro

È stata pubblicata la terza opera standard: "Systemized Orthodontic Treatment Mechanics". La tiratura in lingua inglese è stata di 20.000 copie e il libro è stato pubblicato in almeno altre 12 lingue. È diventato il testo di riferimento in molte università tra le meccaniche di trattamento.

### 2005 – 2008 Gli anni dell'incertezza

Era un periodo di incertezza in ortodonzia. L'espansione dell'arcata dentale è stata ancora una volta considerata il metodo ideale per il trattamento dell'affollamento, senza una chiara evidenza dei benefici per i pazienti e gli ortodontisti. Per diversi anni, sono stati così confusi i valori degli ortodontisti.

### 2014 La pubblicazione del quarto libro e McLaughlin Bennett 4.0

"Fundamentals of Orthodontic Treatment Mechanics" è stato pubblicato a marzo 2014. Così termina la confusione degli anni passati e si definisce un concetto di trattamento migliorato per la nuova generazione di ortodontisti. Il libro era disponibile in numerose lingue.

### 2017 McLaughlin Bennett 5.0

A marzo 2017, abbiamo iniziato a lavorare con i brackets Mini Sprint® e i tubi buccali Tulip prodotti da FORESTADENT specificamente per il sistema McLaughlin Bennett 5.0.

### 2025 Pubblicazione del quinto libro

"Improving Orthodontic Outcomes" (Migliorare i risultati ortodontici) del Dr. McLaughlin, del Dr. Bennett e del Dr. Cantarella è stato pubblicato nell'estate del 2025.

### The 1970s and the work of Andrews

Andrews released his landmark 'Six Keys' paper in 1972 and introduced the SWA, based on his research. The orthodontic world was changed forever.

### 1980 – 1989 The treatment mechanics years

We described our work on light continuous forces and sliding mechanics in a series of papers, the first appearing in 1989.

### 1993 The start of book publishing

Our first book – 'Orthodontic Treatment Mechanics and the Preadjusted Appliance' – explained the mechanics in more detail and included a selection of treated cases.

### 1990 – 1996 The bracket design years

The SWA brackets were redesigned, keeping all the advantages, but dealing with the apparent shortcomings. The improvements involved less tip, more torque control, and a mass of detail refinements. Also, versatility was recommended, to simplify mechanics in a range of treatment situations.

### 1997 The release of the second book

'Orthodontic Management of the Dentition with the Preadjusted Appliance' was released at the AAO meeting in Philadelphia. It defined the bracket specifications which have stood the test of time, and continue to be effective 25 years later.

### 1997 – 2001 Refining the treatment system

Hundreds more cases were treated during these four years, refining the recommended mechanics and brackets.

### 2001 The release of the third book

The definitive Book 3 was published – 'Systemized Orthodontic Treatment Mechanics'. There were more than 20,000 copies in English, and it was published in at least 12 other languages. It became the standard mechanics text in many universities.

### 2005 – 2008 The confused years

This was a confused period in orthodontics, when arch expansion was once again being promoted as a method of managing crowding, with no clear evidence that this was beneficial for patients or orthodontists. For several years this undermined the values and fabric of the orthodontic specialty.

### 2014 The release of the fourth book and McLaughlin Bennett 4.0

'Fundamentals of Orthodontic Treatment Mechanics' was released in March 2014. It clears away the confusion of recent years, and defines an improved treatment philosophy for a new generation of orthodontists. It is available in multiple languages.

### 2017 McLaughlin Bennett 5.0

In March 2017 we began working with Mini Sprint® brackets and Tulip buccal tubes, which are manufactured by FORESTADENT specifically for the McLaughlin Bennett 5.0 system.

### 2025 The release of the fifth book

„Improving Orthodontic Outcomes“ by Dr. McLaughlin, Dr. Bennett und Dr. Cantarella was released in Summer of 2025.



## McLaughlin Bennett 5.0 Prescription

Codice colore | color-marks



### Mini Sprint® II Brackets McLaughlin Bennett 5.0 Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	1,0	–	780T0103	779T0103	780T0101	779T0101
2 Laterals	+10°	+8°	1,2	–	780T0203	779T0203	780T0201	779T0201
3 Cuspids Cuspids + hook	-7°	+8°	0,6	–	780T0313	779T0313	780T0311	779T0311
	-7°	+8°	0,6	–	780T0303	779T0303	780T0301	779T0301
3 Cuspids Cuspids + hook	0°	+8°	0,6	–	780T0333	779T0333	780T0331	779T0331
	0°	+8°	0,6	–	780T0323	779T0323	780T0321	779T0321
4 Bicuspids Bicuspids + hook	-7°	0°	0,8	–	780T0413	779T0413	780T0411	779T0411
	-7°	0°	0,8	–	780T0403	779T0403	780T0401	779T0401
5 Bicuspids Bicuspids + hook	-7°	0°	0,8	–	780T0413	779T0413	780T0411	779T0411
	-7°	0°	0,8	–	780T0403	779T0403	780T0401	779T0401

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals Centrals	-1°	0°	1,3	–	780T1223	780T1223	780T1221	780T1221
	-6°	0°	1,3	–	780T1203	780T1203	780T1201	780T1201
2 Laterals Laterals	-1°	0°	1,3	–	780T1223	780T1223	780T1221	780T1221
	-6°	0°	1,3	–	780T1203	780T1203	780T1201	780T1201
3 Cuspids Cuspids + hook	-6°	+3°	0,6	–	780T1413	779T1413	780T1411	779T1411
	-6°	+3°	0,6	–	780T1403	779T1403	780T1401	779T1401
3 Cuspids Cuspids + hook	0°	+3°	0,6	–	780T1433	779T1433	780T1431	779T1431
	0°	+3°	0,6	–	780T1423	779T1423	780T1421	779T1421
4 Bicuspids Bicuspids + hook	-12°	+2°	0,7	–	780T1513	779T1513	780T1511	779T1511
	-12°	+2°	0,7	–	780T1503	779T1503	780T1501	779T1501
5 Bicuspids Bicuspids + hook	-17°	+2°	0,7	–	780T1613	779T1613	780T1611	779T1611
	-17°	+2°	0,7	–	780T1603	779T1603	780T1601	779T1601

# Attacchi Mini Sprint® II

## Mini Sprint® II brackets

McLaughlin  
Bennett 5.0  
with FORESTADENT



### McLaughlin Bennett 5.0 Prescription

#### Casi | Cases

Max. cuspids: -7° torque; Mand. incisors and cuspids: -6° torque

Variation	Slot .018"			Slot .022"		
	Cases	1	5	10	1	5
↙↘	706T1031	706T1032	706T1033	706T1046	706T1047	706T1048
↙↘ <sup>3</sup>	706T1036	706T1037	706T1038	706T1051	706T1052	706T1053
↙↘ <sup>3-5</sup>	706T1041	706T1042	706T1043	706T1056	706T1057	706T1058

Maxillary cuspids: 0° torque; Mandibular cuspids: 0° torque

Variation	Slot .018"			Slot .022"		
	Cases	1	5	10	1	5
↙↘	706T1060	706T1061	706T1062	706T1069	706T1070	706T1071
↙↘ <sup>3</sup>	706T1063	706T1064	706T1065	706T1072	706T1073	706T1074
↙↘ <sup>3-5</sup>	706T1066	706T1067	706T1068	706T1075	706T1076	706T1077

Max. Cuspids: -7° Torque; Mand. Centrals: -1° Torque, Cuspids: 0° Torque

Variation	Slot .018"			Slot .022"		
	Cases	1	5	10	1	5
↙↘	706T1000	706T1001	706T1002	706T1009	706T1010	706T1011
↙↘ <sup>3</sup>	706T1003	706T1004	706T1005	706T1012	706T1013	706T1014
↙↘ <sup>3-5</sup>	706T1006	706T1007	706T1008	706T1015	706T1016	706T1017

# Attacchi Mini Sprint® II

## Mini Sprint® II brackets



### Standard-Ricketts Prescription

Codice colore | color-marks



### Mini Sprint® II Brackets Standard-Ricketts Prescription

Maxillary						Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.		
					Right	Left	Right	Left	
1 Centrals	+22°	0°	0,8	–	772-0103	771-0103	772-0101	771-0101	
2 Laterals	+14°	+8°	0,8	–	772-0203	771-0203	772-0201	771-0201	
3 Cuspids Cuspids + hook	+7°	+5°	0,8	–	772-0313	771-0313	772-0311	771-0311	
	+7°	+5°	0,8	–	772-0303	771-0303	772-0301	771-0301	
4 Bicuspids Bicuspids + hook	0°	0°	0,8	–	772-0513	771-0513	772-0511	771-0511	
	0°	0°	0,8	–	772-0503	771-0503	772-0501	771-0501	
5 Bicuspids Bicuspids + hook	0°	0°	0,8	–	772-0513	771-0513	772-0511	771-0511	
	0°	0°	0,8	–	772-0503	771-0503	772-0501	771-0501	

Mandibular						Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.		
					Right	Left	Right	Left	
1 Centrals	0°	0°	0,8	–	771-1203	771-1203	771-1201	771-1201	
2 Laterals	0°	0°	0,8	–	771-1203	771-1203	771-1201	771-1201	
3 Cuspids Cuspids + hook	+7°	+5°	0,8	–	772-1413	771-1413	772-1411	771-1411	
	+7°	+5°	0,8	–	772-1403	771-1403	772-1401	771-1401	
4 Bicuspids Bicuspids + hook	0°	0°	0,8	–	772-1613	771-1613	772-1611	771-1611	
	0°	0°	0,8	–	772-1603	771-1603	772-1601	771-1601	
5 Bicuspids Bicuspids + hook	0°	0°	0,8	–	772-1613	771-1613	772-1611	771-1611	
	0°	0°	0,8	–	772-1603	771-1603	772-1601	771-1601	

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-1400	706-1401	706-1402	706-1409	706-1410	706-1411
	706-1403	706-1404	706-1405	706-1412	706-1413	706-1414
	706-1406	706-1407	706-1408	706-1415	706-1416	706-1417

# Attacchi Mini Sprint® II

## Mini Sprint® II brackets



### Standard-Edgewise Prescription

Codice colore | color-marks



### Mini Sprint® II Brackets Standard-Edgewise Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	0,8	–	771-1233	771-1233	771-1231	771-1231
2 Laterals	0°	0°	0,8	–	771-1233	771-1233	771-1231	771-1231
3 Cuspids	0°	0°	0,8	–	772-0533	771-0533	772-0531	771-0531
4 Bicuspids	0°	0°	0,8	–	772-0533	771-0533	772-0531	771-0531
5 Bicuspids	0°	0°	0,8	–	772-0533	771-0533	772-0531	771-0531

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	0,8	–	771-1233	771-1233	771-1231	771-1231
2 Laterals	0°	0°	0,8	–	771-1233	771-1233	771-1231	771-1231
3 Cuspids	0°	0°	0,8	–	771-0533	772-0533	771-0531	772-0531
4 Bicuspids	0°	0°	0,8	–	771-0533	772-0533	771-0531	772-0531
5 Bicuspids	0°	0°	0,8	–	771-0533	772-0533	771-0531	772-0531

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
↳	706-1418	706-1419	706-1420	706-1421	706-1422	706-1423



## FACE Evolution II Prescription

Codice colore | color-marks



### Mini Sprint® II Brackets FACE Evolution II Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	794-0103	793-0103	794-0101	793-0101
2 Laterals	+8°	+9°	1,2	–	794-0203	793-0203	794-0201	793-0201
3 Cuspids	+3°	+8°	0,7	–	794-0313	793-0313	794-0311	793-0311
	Cuspids + hook	+3°	+8°	0,7	–	794-0303	793-0303	794-0301
4 Bicuspids	0°	0°	0,8	–	794-0533	793-0533	794-0531	793-0531
	Bicuspids + hook	0°	0°	0,8	–	794-0523	793-0523	794-0521
5 Bicuspids	0°	0°	0,8	–	794-0533	793-0533	794-0531	793-0531
	Bicuspids + hook	0°	0°	0,8	–	794-0523	793-0523	794-0521

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,3	–	793-1303	793-1303	793-1301	793-1301
2 Laterals	-1°	0°	1,3	–	793-1303	793-1303	793-1301	793-1301
3 Cuspids	-6°	+2°	0,6	–	794-1413	793-1413	794-1411	793-1411
	Cuspids + hook	-6°	+2°	0,6	–	794-1403	793-1403	794-1401
4 Bicuspids	-12°	0°	0,7	–	794-1533	793-1533	794-1531	793-1531
	Bicuspids + hook	-12°	0°	0,7	–	794-1523	793-1523	794-1521
5 Bicuspids	-17°	0°	0,7	–	794-1633	793-1633	794-1631	793-1631
	Bicuspids + hook	-17°	0°	0,7	–	794-1623	793-1623	794-1621

# Attacchi Mini Sprint® II

## Mini Sprint® II brackets



### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
Cases	706-1218	706-1219	706-1220	706-1227	706-1228	706-1229
3	706-1221	706-1222	706-1223	706-1230	706-1231	706-1232
3-5	706-1224	706-1225	706-1226	706-1233	706-1234	706-1235

### Optional extra torque su incisivi inferiori

Optionally more torque on mandibular centrals and laterals

Mandibular					Slot .018"		Slot .022"		
	Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
						Right	Left	Right	Left
1+2 Centrals / Laterals	-6°*	0°	1,3	-	793-1203	793-1203	793-1201	793-1201	

\* Cementando gli attacchi capovolti, trasformerà il Torque da -6° a +6°. Per favore indica se preferisci questa opzione.

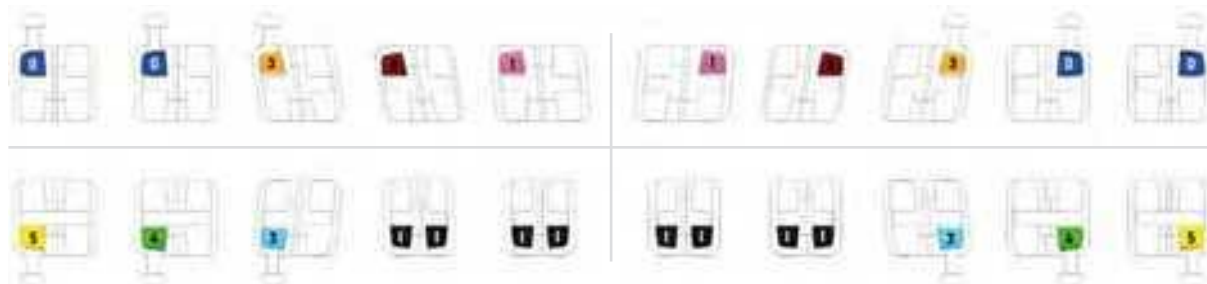
\* Bonding brackets upside down will convert torque from -6° to +6°. Please indicate if you prefer this option.

# Attacchi Sprint® II Sprint® II brackets



## Roth Prescription

Codice colore | color-marks



## Sprint® II Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	0,9	–	786-0103	785-0103	786-0101	785-0101
2 Laterals	+8°	+9°	1,4	–	786-0203	785-0203	786-0201	785-0201
3 Cuspids	-2°	+11°	0,8	4° mesial	786-0313	785-0313	786-0311	785-0311
	Cuspids + hook	-2°	+11°	0,8	4° mesial	786-0303	785-0303	786-0301
4 Bicuspids	-7°	0°	0,8	2° distal	786-0513	785-0513	786-0511	785-0511
	Bicuspids + hook	-7°	0°	0,8	2° distal	786-0503	785-0503	786-0501
5 Bicuspids	-7°	0°	0,8	2° distal	786-0513	785-0513	786-0511	785-0511
	Bicuspids + hook	-7°	0°	0,8	2° distal	786-0503	785-0503	786-0501

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	1,4	–	785-1203	785-1203	785-1201	785-1201
2 Laterals	0°	0°	1,4	–	785-1203	785-1203	785-1201	785-1201
3 Cuspids	-11°	+7°	0,8	2° mesial	786-1413	785-1413	786-1411	785-1411
	Cuspids + hook	-11°	+7°	0,8	2° mesial	786-1403	785-1403	786-1401
4 Bicuspids	-17°	0°	0,7	4° distal	786-1513	785-1513	786-1511	785-1511
	Bicuspids + hook	-17°	0°	0,7	4° distal	786-1503	785-1503	786-1501
5 Bicuspids	-22°	0°	0,7	4° distal	786-1613	785-1613	786-1611	785-1611
	Bicuspids + hook	-22°	0°	0,7	4° distal	786-1603	785-1603	786-1601

## Casi | Cases

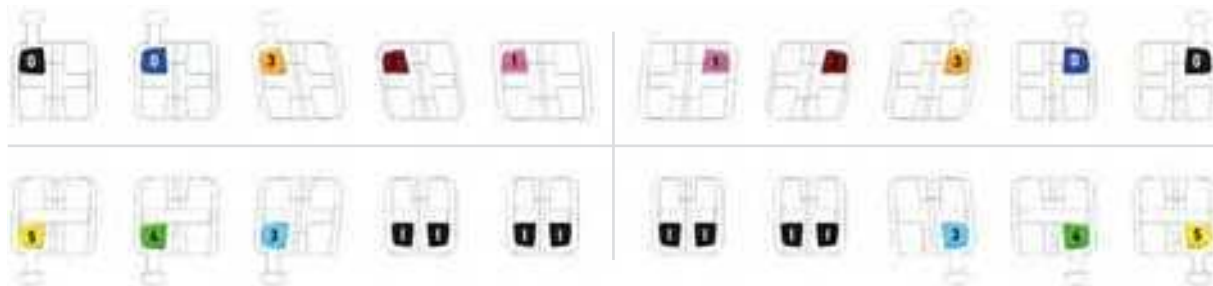
Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
	706-0636	706-0637	706-0638	706-0651	706-0652	706-0653
	706-0641	706-0642	706-0643	706-0656	706-0657	706-0658
	706-0646	706-0647	706-0648	706-0661	706-0662	706-0663

# Attacchi Sprint® II Sprint® II brackets



## McLaughlin/Bennett/Trevisi Prescription

Codice colore | color-marks



### Sprint® II Brackets McLaughlin/Bennett/Trevisi Prescription



Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	1,0	–	799-0103	798-0103	799-0101	798-0101
2 Laterals	+10°	+8°	1,4	–	799-0203	798-0203	799-0201	798-0201
3 Cuspids Cuspids + hook	-7°	+8°	0,8	–	799-0313	798-0313	799-0311	798-0311
	-7°	+8°	0,8	–	799-0303	798-0303	799-0301	798-0301
4 Bicuspid Bicuspid + hook	-7°	0°	0,8	–	799-0413	798-0413	799-0411	798-0411
	-7°	0°	0,8	–	799-0403	798-0403	799-0401	798-0401
5 Bicuspid Bicuspid + hook	-7°	0°	1,2	–	799-0513	798-0513	799-0511	798-0511
	-7°	0°	1,2	–	799-0503	798-0503	799-0501	798-0501





Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-6°	0°	1,4	–	798-1203	798-1203	798-1201	798-1201
2 Laterals	-6°	0°	1,4	–	798-1203	798-1203	798-1201	798-1201
3 Cuspids Cuspids + hook	-6°	+3°	0,8	–	799-1413	798-1413	799-1411	798-1411
	-6°	+3°	0,8	–	799-1403	798-1403	799-1401	798-1401
4 Bicuspid Bicuspid + hook	-12°	+2°	0,7	–	799-1513	798-1513	799-1511	798-1511
	-12°	+2°	0,7	–	799-1503	798-1503	799-1501	798-1501
5 Bicuspid Bicuspid + hook	-17°	+2°	0,7	–	799-1613	798-1613	799-1611	798-1611
	-17°	+2°	0,7	–	799-1603	798-1603	799-1601	798-1601

### Casi | Cases

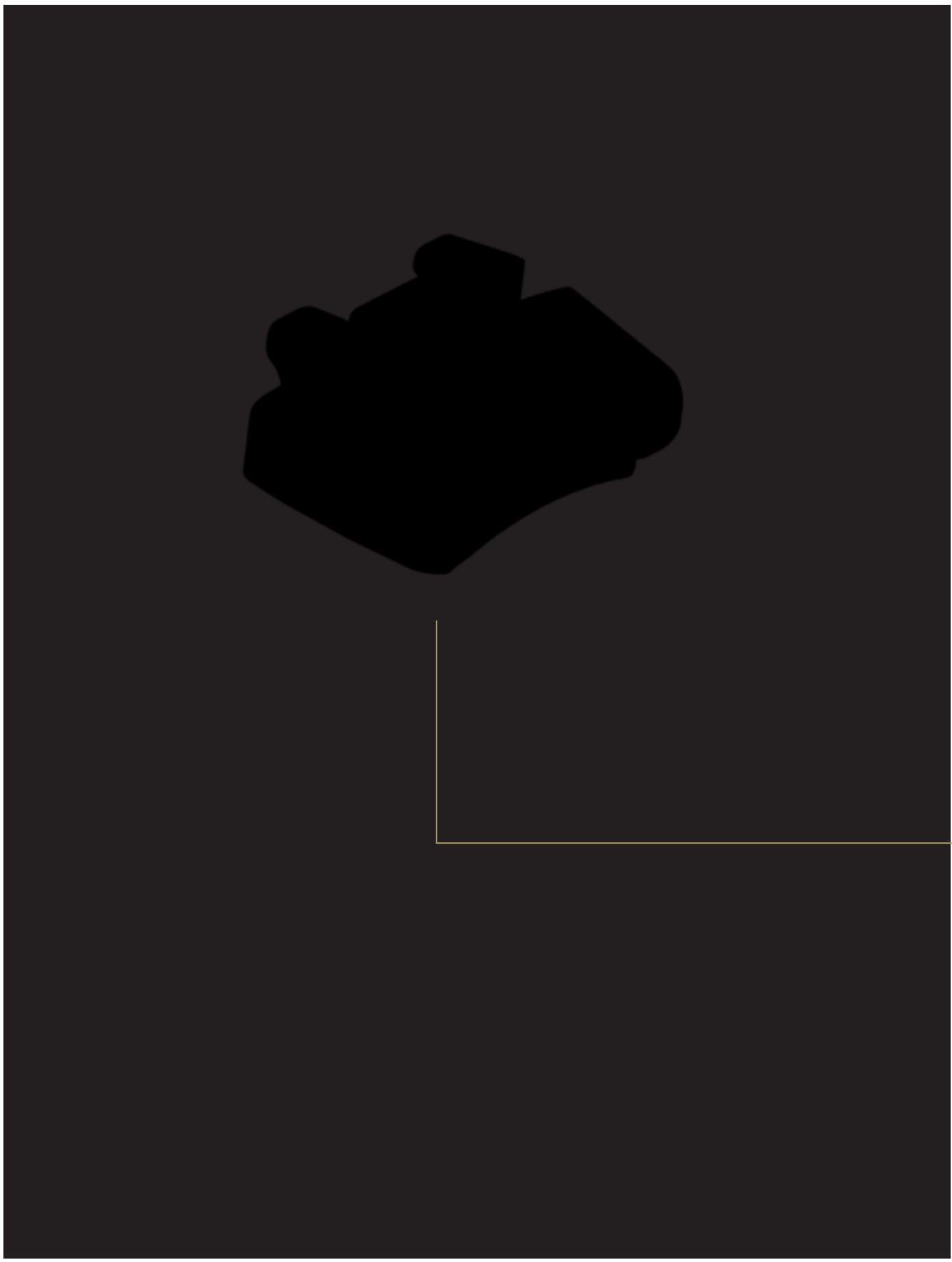
Variation	Slot .018"			Slot .022"		
	1	5	10	1	5	10
↵↵	706-1300	706-1301	706-1302	706-1309	706-1310	706-1311
↵↵ 3	706-1303	706-1304	706-1305	706-1312	706-1313	706-1314
↵↵ 3-5	706-1306	706-1307	706-1308	706-1315	706-1316	706-1317

## Accessori Accessories

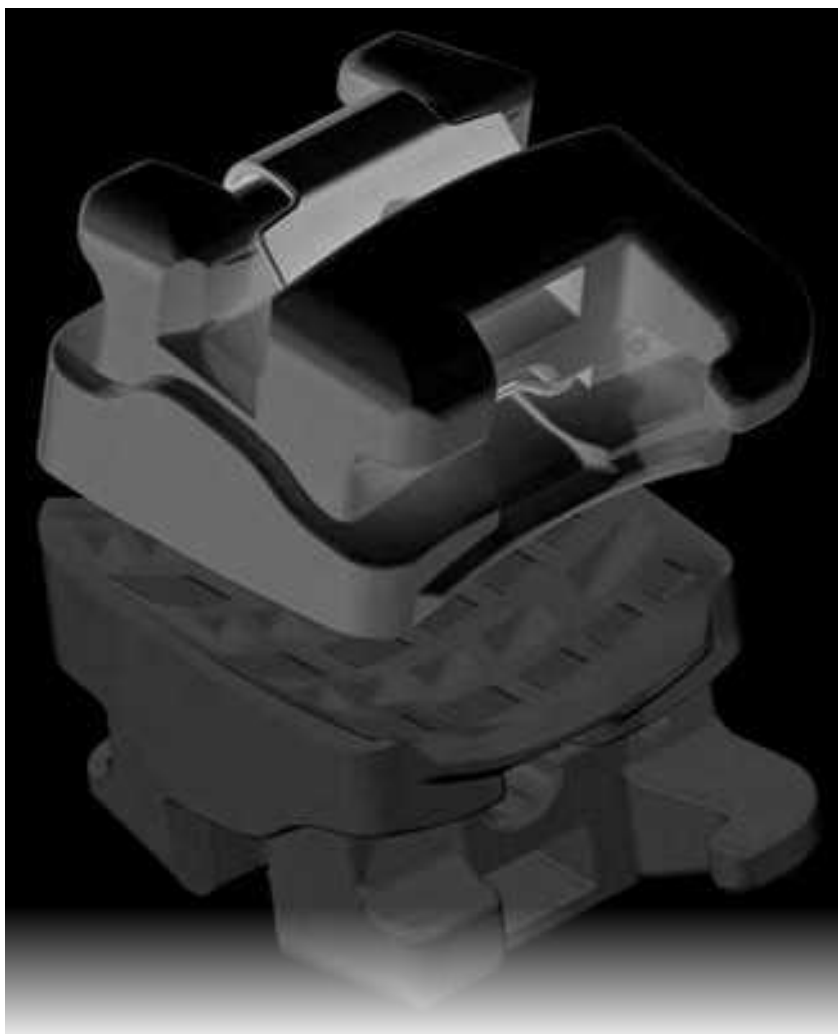
Order No.		Content	Description
760-0030		10	<b>Catenella per canini inclusi</b> con base diretta, utile per estrusione  <b>Catching chain</b> for integration of impacted teeth
413-0012		10	<b>Cera protettiva</b> per apparecchi ortodontici  <b>Dental wax</b> for orthodontic appliances

Order No. for welding	Order No. on pad		Content	Description
760-0014	760-0614		10	<b>Ganci ad alette alte</b>  Double lingual cleat
760-0001	760-0801		10	<b>Bottoni linguali con collo corto</b>  Lingual buttons with short neck
760-0002	760-0802		10	<b>Bottoni linguali con collo lungo</b>  Lingual buttons with long neck
760-0005	760-0805		10	<b>Bottoni linguali a base curva larga</b>  Lingual buttons, large contoured base

**Attacchi estetici**  
Aesthetic materials



## Attacchi Quicklear® Quicklear® brackets



I bracket Quicklear® sono disponibili nelle seguenti prescrizioni:

- » McLaughlin/Bennett/Trevisi
- » Roth
- » **PDS - PhysioDynamicSystem**  
(Roncone)
- » FACE

Quicklear® brackets are available in the following prescriptions:

- » McLaughlin/Bennett/Trevisi
- » Roth
- » **PDS - PhysioDynamicSystem**  
(Roncone)
- » FACE

### Le principali caratteristiche.

#### Most attractive advantages at a glance.

**1** Ampia clip per un'eccellente espressione di rotazione, angolazione e torque.

**2** Quattro punti di contatto arrotondati nello slot riducono gli effetti di binding e di notching.

**3** Il corpo realizzato in ceramica traslucida, con bordi arrotondati per bracket e slot, garantisce un ottimo comfort intraorale e frizione ridotta al minimo.

**4** La geometria della clip è progettata per semplificare l'apertura interattiva gengivale.

**5** La base anatomica a ganci contrapposti, garantisce una tenuta meccanica ottimale e riduce il rischio di fratture dello smalto.

**1** Wide clip for excellent transmission of rotation, angulation, and torque.

**2** Four rounded contact ribs in the slot reduce binding and notching effects.

**3** Body made from translucent ceramic with rounded bracket and slot edges ensures good intraoral comfort and less friction.

**4** The catch function simplifies opening the interactive clip from gingival.

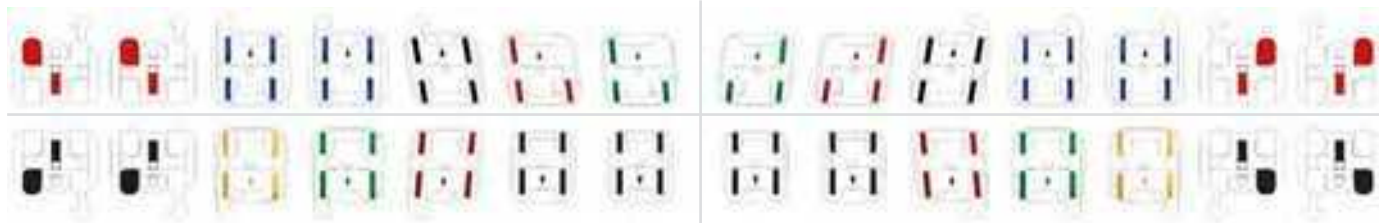
**5** Anatomically adapted, inverse hook-style base ensures optimal mechanical hold and reduces the risk of enamel fractures.

# Attacchi Quicklear® III Quicklear® III brackets



## Roth Prescription

Codice colore | color-marks



### Quicklear® III Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	C731-0103	C730-0103	C731-0101	C730-0101
2 Laterals	+8°	+9°	1,3	–	C731-0203	C730-0203	C731-0201	C730-0201
3 Cuspids + hook	-2°	+11°	0,9	4° mesial	C731-0313	C730-0313	C731-0311	C730-0311
4 Bicuspids	-7°	0°	0,9	2° distal	C731-0503	C730-0503	C731-0501	C730-0501
	Bicuspids + hook	-7°	0°	0,9	2° distal	C731-0513	C730-0513	C731-0511
5 Bicuspids	-7°	0°	0,9	2° distal	C731-0503	C730-0503	C731-0501	C730-0501
	Bicuspids + hook	-7°	0°	0,9	2° distal	C731-0513	C730-0513	C731-0511
6 1 <sup>st</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711
7 2 <sup>nd</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	1,3	–	C730-1203	C730-1203	C730-1201	C730-1201
2 Laterals	0°	0°	1,3	–	C730-1203	C730-1203	C730-1201	C730-1201
3 Cuspids + hook	-11°	+7°	1,2	2° mesial	C731-1413	C730-1413	C731-1411	C730-1411
4 Bicuspids + hook	-17°	0°	1,2	4° distal	C731-1513	C730-1513	C731-1511	C730-1511
5 Bicuspids + hook	-22°	0°	1,2	4° distal	C731-1613	C730-1613	C731-1611	C730-1611
6 1 <sup>st</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711
7 2 <sup>nd</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711

### Casi | Cases

Variation	Quicklear®	BioQuick®	Slot .018"		Slot .022"	
Cases			1	3	1	3
Maxillary	↵↵ 1-2 + ↵↵↵ 3-5	–	C706C1080	C706C1081	C706C1084	C706C1085
Mandibular	↵↵ 1-2 + ↵↵↵ 3-5	–				
Maxillary	↵↵ 1-2 + ↵↵↵ 3-5	–	C706-1078	C706-1079	C706-1082	C706-1083
Mandibular	↵↵ 1-2 + ↵↵↵ 3	↵↵ 4-5				
Maxillary	↵↵ 1-2 + ↵↵↵ 3-5	–	C706-1080	C706-1081	C706-1084	C706-1085
Mandibular	↵↵ 1-2 + ↵↵↵ 3	↵↵↵ 4-5				

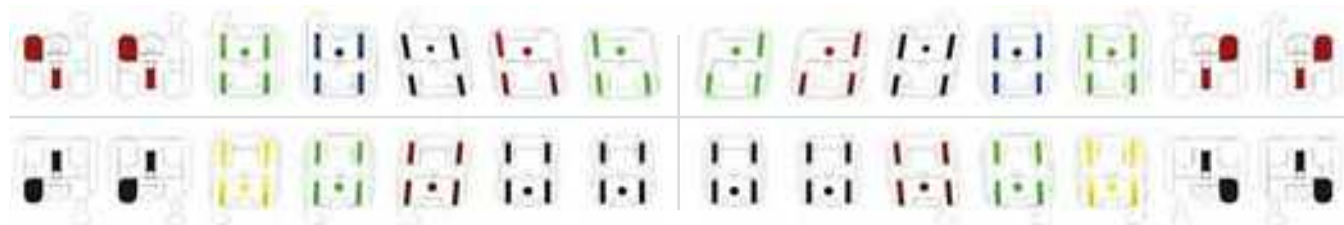
# Attacchi QuicKlear® III

## QuicKlear® III brackets



### McLaughlin/Bennett/Trevisi Prescription

Codice colore | color-marks



### QuicKlear® III Brackets McLaughlin/Bennett/Trevisi Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	1,1	–	C733-0103	C732-0103	C733-0101	C732-0101
2 Laterals	+10°	+8°	1,3	–	C733-0203	C732-0203	C733-0201	C732-0201
3 Cuspids + hook	-7°	+8°	0,9	–	C733-0313	C732-0313	C733-0311	C732-0311
4 Bicuspids	-7°	0°	0,9	–	C733-0403	C732-0403	C733-0401	C732-0401
	-7°	0°	0,9	–	C733-0413	C732-0413	C733-0411	C732-0411
5 Bicuspids	-7°	0°	1,3	–	C733-0503	C732-0503	C733-0501	C732-0501
	-7°	0°	1,3	–	C733-0513	C732-0513	C733-0511	C732-0511
6 1 <sup>st</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711
7 2 <sup>nd</sup> Molar + hook	-14°	0°	–	12° distal	731-0713	730-0713	731-0711	730-0711

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-6°	0°	1,3	–	C732-1203	C732-1203	C732-1201	C732-1201
2 Laterals	-6°	0°	1,3	–	C732-1203	C732-1203	C732-1201	C732-1201
3 Cuspids + hook	-6°	+3°	1,2	–	C733-1413	C732-1413	C733-1411	C732-1411
4 Bicuspids + hook	-12°	+2°	1,2	–	C733-1513	C732-1513	C733-1511	C732-1511
5 Bicuspids + hook	-17°	+2°	1,2	–	C733-1613	C732-1613	C733-1611	C732-1611
6 1 <sup>st</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711
7 2 <sup>nd</sup> Molar + hook	-20°	0°	–	2° distal	731-1713	730-1713	731-1711	730-1711

### Casi | Cases

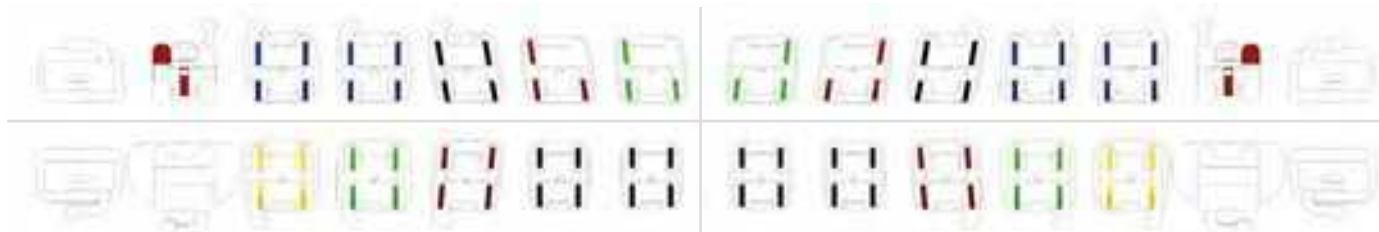
Variation	QuicKlear®	BioQuick®	Slot .018"		Slot .022"	
Cases			1	3	1	3
Maxillary	↵ 1-2 + ↵ 3-5	–	C706C0847	C706C0848	C706C0862	C706C0863
Mandibular	↵ 1-2 + ↵ 3-5	–				
Maxillary	↵ 1-2 + ↵ 3-5	–	C706-0842	C706-0843	C706-0857	C706-0858
Mandibular	↵ 1-2 + ↵ 3	↵ 4-5				
Maxillary	↵ 1-2 + ↵ 3-5	–	C706-0847	C706-0848	C706-0862	C706-0863
Mandibular	↵ 1-2 + ↵ 3	↵ 4-5				

# Attacchi QuicKlear® III QuicKlear® III brackets



## Roncone Prescription

Codice colore | color-marks



### QuicKlear® III Brackets Roncone Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+19°	+5°	1,1	–	C737-0103	C736-0103	C737-0101	C736-0101
2 Laterals	+10°	+8°	1,3	–	C737-0203	C736-0203	C737-0201	C736-0201
3 Cuspids + hook	0°	+8°	0,9	–	C737-0313	C736-0313	C737-0311	C736-0311
4 Bicuspids	-10°	+4°	1,0	2° distal	C737-0503	C736-0503	C737-0501	C736-0501
Bicuspids + hook	-10°	+4°	1,0	2° distal	C737-0513	C736-0513	C737-0511	C736-0511
5 Bicuspids	-10°	+4°	1,0	2° distal	C737-0503	C736-0503	C737-0501	C736-0501
Bicuspids + hook	-10°	+4°	1,0	2° distal	C737-0513	C736-0513	C737-0511	C736-0511
6 1 <sup>st</sup> Molar + hook	-20°	0°	–	20° distal	737L0734	736L0734	737L0732	736L0732
1 <sup>st</sup> Molar + hook	-20°	0°	–	12° distal	737L0744	736L0744	737L0742	736L0742

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+1°	0°	1,3	–	C736-1203	C736-1203	C736-1201	C736-1201
2 Laterals	+1°	0°	1,3	–	C736-1203	C736-1203	C736-1201	C736-1201
3 Cuspids + hook	-3°	+5°	1,2	–	C737-1413	C736-1413	C737-1411	C736-1411
4 Bicuspids + hook	-7°	+2°	1,2	2° distal	C737-1513	C736-1513	C737-1511	C736-1511
5 Bicuspids + hook	-10°	+2°	1,2	2° distal	C737-1613	C736-1613	C737-1611	C736-1611

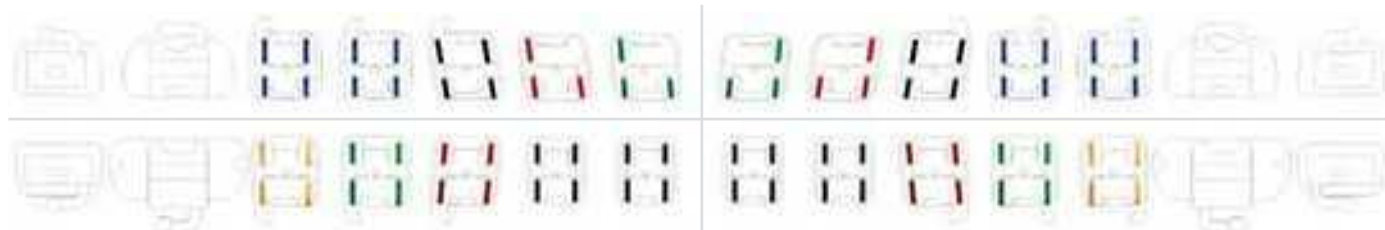
### Casi | Cases

Variation	QuicKlear®	Slot .018"		Slot .022"	
Cases		1	3	1	3
Maxillary	⌒ 1-2 + ⌒ 3 + ⌒ 4-5	C706C6001	C706C6004	C706C6010	C706C6013
Mandibular	⌒ 1-2 + ⌒ 3				
Maxillary	⌒ 1-2 + ⌒ 3-5	C706C6002	C706C6005	C706C6011	C706C6014
Mandibular	⌒ 1-2 + ⌒ 3				



## FACE Evolution Prescription

Codice colore | color-marks



### Quicklear® III Brackets FACE Evolution Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	C739-0103	C738-0103	C739-0101	C738-0101
2 Laterals	+8°	+9°	1,3	–	C739-0203	C738-0203	C739-0201	C738-0201
3 Cuspids + hook	+3°	+8°	0,9	–	C739-0313	C738-0313	C739-0311	C738-0311
4 Bicuspids	-7°	0°	0,9	–	C739-0503	C738-0503	C739-0501	C738-0501
	Bicuspids + hook	-7°	0°	0,9	–	C739-0513	C738-0513	C739-0511
5 Bicuspids	-7°	0°	0,9	–	C739-0503	C738-0503	C739-0501	C738-0501
	Bicuspids + hook	-7°	0°	0,9	–	C739-0513	C738-0513	C739-0511
6 1 <sup>st</sup> Molar + hook	-30°	0°	–	10° distal	739-0704	738-0704	739-0702	738-0702
7 2 <sup>nd</sup> Molar + hook	-30°	0°	–	6° distal	739-0804	738-0804	739-0802	738-0802

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,3	–	C738-1303	C738-1303	C738-1301	C738-1301
2 Laterals	-1°	0°	1,3	–	C738-1303	C738-1303	C738-1301	C738-1301
3 Cuspids + hook	-6°	+2°	1,2	–	C739-1413	C738-1413	C739-1411	C738-1411
4 Bicuspids + hook	-17°	0°	1,2	–	C739-1513	C738-1513	C739-1511	C738-1511
5 Bicuspids + hook	-22°	0°	1,2	–	C739-1613	C738-1613	C739-1611	C738-1611
6 1 <sup>st</sup> Molar + hook	-30°	0°	–	–	739B1704	738B1704	739B1702	738B1702
7 2 <sup>nd</sup> Molar + hook	-30°	0°	–	–	739-1804	738-1804	739-1802	738-1802

## Attacchi Quicklear® III Quicklear® III brackets



### Casi | Cases

Variation	Quicklear®	BioQuick®	Slot .018"		Slot .022"	
Cases			1	3	1	3
Maxillary	+	–	C706C1206	C706C1207	C706C1215	C706C1216
Mandibular	+	–				
Maxillary	+  +	–	C706-1203	C706-1204	C706-1212	C706-1213
Mandibular	+					
Maxillary	+	–	C706-1206	C706-1207	C706-1215	C706-1216
Mandibular	+					

### Opzionalmente più torque nei centrali e laterali inferiori Optionally more torque on mandibular centrals and laterals



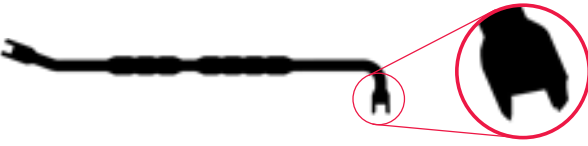


Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1+2 Centrals / Laterals	-6° *	0°	1,3	–	C738-1203	C738-1203	C738-1201	C738-1201

\*I brackets di collegamento capovolti cambieranno i valori di torque da -6° a +6°. Ma si ricordi: la clip dovrà essere aperta gengivalmente. Indicare se desidera questa opzione.

\* Bonding brackets upside down will convert torque from -6° to +6°. But keep in mind: the clip has to be opened to gingival. Please indicate if you prefer this option.

## Accessori Quicklear® III

### Quicklear® III Accessories

Order No.		Content	Description
C501-1842		1	<b>TruKlear® + Quicklear® + BioPassive®</b> Sonda doppia per aprire le clip Classic opening instrument, double sided
501-0861		1	<b>Direzionatore per archi</b> Archwire director
C501-0816		1	<b>Pauls-Tool</b> Strumento per rimuovere gli attacchi Quicklear®, TruKlear® for debonding of Quicklear®, TruKlear® I brackets, double sided
C501-0828		1	<b>Pinza per rimuovere gli attacchi in cera- mica con notch</b> Ceramic bracket debonding pliers with notch
C501-0826		5	<b>Fresa per rimuovere il composito</b> Adhesive removing bur



## Attacchi GLAM® – Tanto belli quanto efficaci

### GLAM® brackets



I bracket GLAM® sono disponibili nelle seguenti prescrizioni:

- » Roth
- » MB 5.0

GLAM® brackets are available in the following prescriptions:

- » Roth
- » MB 5.0

### Le principali caratteristiche.

#### Most attractive advantages at a glance.

**1** Superficie speciale con minimi valori di frizione e grande robustezza.

**2** Ideale con gli archi estetici, attrito ridotto per i bordi arrotondati dello slot.

**3** Assolutamente discreto nella bocca, poiché realizzato in ceramica ad alta traslucenza caratterizzata dalla superficie opaca, non riflettente

**4** Le alette di grandi dimensioni consentono l'utilizzo di legature con facilità.

**5** Ideale anche abbinato ai bracket 2D® Linguali FORESTADENT (es. in caso di grave morso coperto).

**1** Optimal surface with low friction values.

**2** Gentle on tooth-colored archwires due to rounded slot edges.

**3** Absolutely inconspicuous in the mouth, as it is made of non-discoloring ceramic with high translucency and a matt, non-reflective surface

**4** Large wings enable easy ligation.

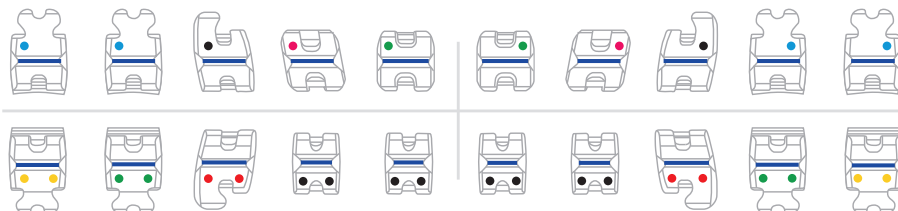
**5** Ideal in combination with FORESTADENT's super-flat 2D® lingual brackets (e.g. where there is a pronounced overbite).

# Attacchi GLAM® GLAM® brackets



## Roth Prescription

Codice colore | color-marks



## GLAM® Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	1,0	–	G764-0103	G763-0103	G764-0101	G763-0101
2 Laterals	+8°	+9°	1,5	–	G764-0203	G763-0203	G764-0201	G763-0201
3 Cuspids Cuspids + hook	-2°	+11°	1,0	4° mesial	G764-0303	G763-0303	G764-0301	G763-0301
	-2°	+11°	1,0	4° mesial	G764-0313	G763-0313	G764-0311	G763-0311
4 Bicuspids Bicuspids + hook	-7°	0°	1,0	–	G764-0503	G763-0503	G764-0501	G763-0501
	-7°	0°	1,0	–	G764-0513	G763-0513	G764-0511	G763-0511
5 Bicuspids Bicuspids + hook	-7°	0°	1,0	–	G764-0503	G763-0503	G764-0501	G763-0501
	-7°	0°	1,0	–	G764-0513	G763-0513	G764-0511	G763-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	1,5	–	G763-1203	G763-1203	G763-1201	G763-1201
2 Laterals	0°	0°	1,5	–	G763-1203	G763-1203	G763-1201	G763-1201
3 Cuspids Cuspids + hook	-11°	+5°	1,0	2° mesial	G764-1403	G763-1403	G764-1401	G763-1401
	-11°	+5°	1,0	2° mesial	G764-1413	G763-1413	G764-1411	G763-1411
4 Bicuspids Bicuspids + hook	-17°	0°	0,7	–	G763-1503	G763-1503	G763-1501	G763-1501
	-17°	0°	0,7	–	G763-1513	G763-1513	G763-1511	G763-1511
5 Bicuspids Bicuspids + hook	-22°	0°	0,7	–	G763-1603	G763-1603	G763-1601	G763-1601
	-22°	0°	0,7	–	G763-1613	G763-1613	G763-1611	G763-1611

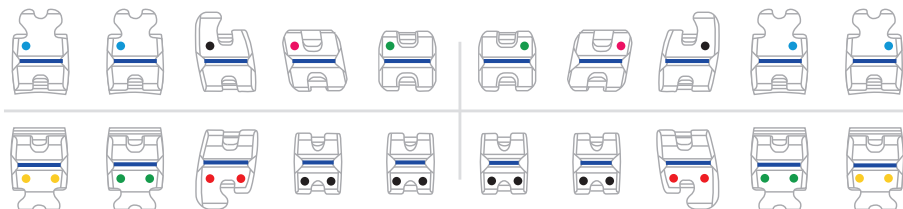
## Casi | Cases

Variation	Slot .018"		Slot .022"	
	1	3	1	3
	G706-0700	G706-0701	G706-0705	G706-0706
	G706-0710	G706-0711	G706-0715	G706-0716
	G706-0720	G706-0721	G706-0725	G706-0726



## McLaughlin Bennett 5.0 Prescription

Codice colore | color-marks



### GLAM® Brackets McLaughlin Bennett 5.0 Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	1,25	–	G762T0103	G761T0103	G762T0101	G761T0101
2 Laterals	+10°	+8°	1,5	–	G762T0203	G761T0203	G762T0201	G761T0201
3 Cuspids	-7°	+8°	1,0	–	G762T0303	G761T0303	G762T0301	G761T0301
	Cuspids + hook	-7°	+8°	1,0	–	G762T0313	G761T0313	G762T0311
3 Cuspids	0°	+8°	1,0	–	G762T0323	G761T0323	G762T0321	G761T0321
	Cuspids + hook	0°	+8°	1,0	–	G762T0333	G761T0333	G762T0331
4 Bicuspids	-7°	0°	1,0	–	G762T0503	G761T0503	G762T0501	G761T0501
	Bicuspids + hook	-7°	0°	1,0	–	G762T0513	G761T0513	G762T0511
5 Bicuspids	-7°	0°	1,0	–	G762T0503	G761T0503	G762T0501	G761T0501
	Bicuspids + hook	-7°	0°	1,0	–	G762T0513	G761T0513	G762T0511




Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-1°	0°	1,5	–	G761T1223	G761T1223	G761T1221	G761T1221
	-6°	0°	1,5	–	G761T1203	G761T1203	G761T1201	G761T1201
2 Laterals	-1°	0°	1,5	–	G761T1223	G761T1223	G761T1221	G761T1221
	-6°	0°	1,5	–	G761T1203	G761T1203	G761T1201	G761T1201
3 Cuspids	-6°	+3°	1,0	–	G762T1403	G761T1403	G762T1401	G761T1401
	Cuspids + hook	-6°	+3°	1,0	–	G762T1413	G761T1413	G762T1411
3 Cuspids	0°	+3°	1,0	–	G762T1423	G761T1423	G762T1421	G761T1421
	Cuspids + hook	0°	+3°	1,0	–	G762T1433	G761T1433	G762T1431
4 Bicuspids	-12°	0°	0,7	–	G761T1503	G761T1503	G761T1501	G761T1501
	Bicuspids + hook	-12°	0°	0,7	–	G761T1513	G761T1513	G761T1511
5 Bicuspids	-17°	0°	0,7	–	G761T1603	G761T1603	G761T1601	G761T1601
	Bicuspids + hook	-17°	0°	0,7	–	G761T1613	G761T1613	G761T1611






## McLaughlin Bennett 5.0 Prescription

### Casi | Cases

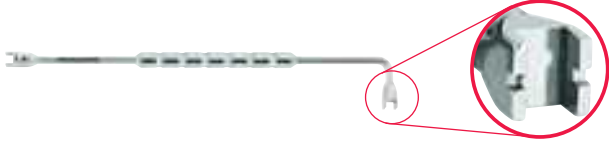
Max. Cuspids: -7° Torque; Mand. Incisors and Cuspids: -6° Torque

Variation	Slot .018"		Slot .022"	
	1	3	1	3
	G706T0759	G706T0760	G706T0735	G706T0736
 3	G706T0762	G706T0763	G706T0740	G706T0741
 3-5	G706T0765	G706T0766	G706T0745	G706T0746

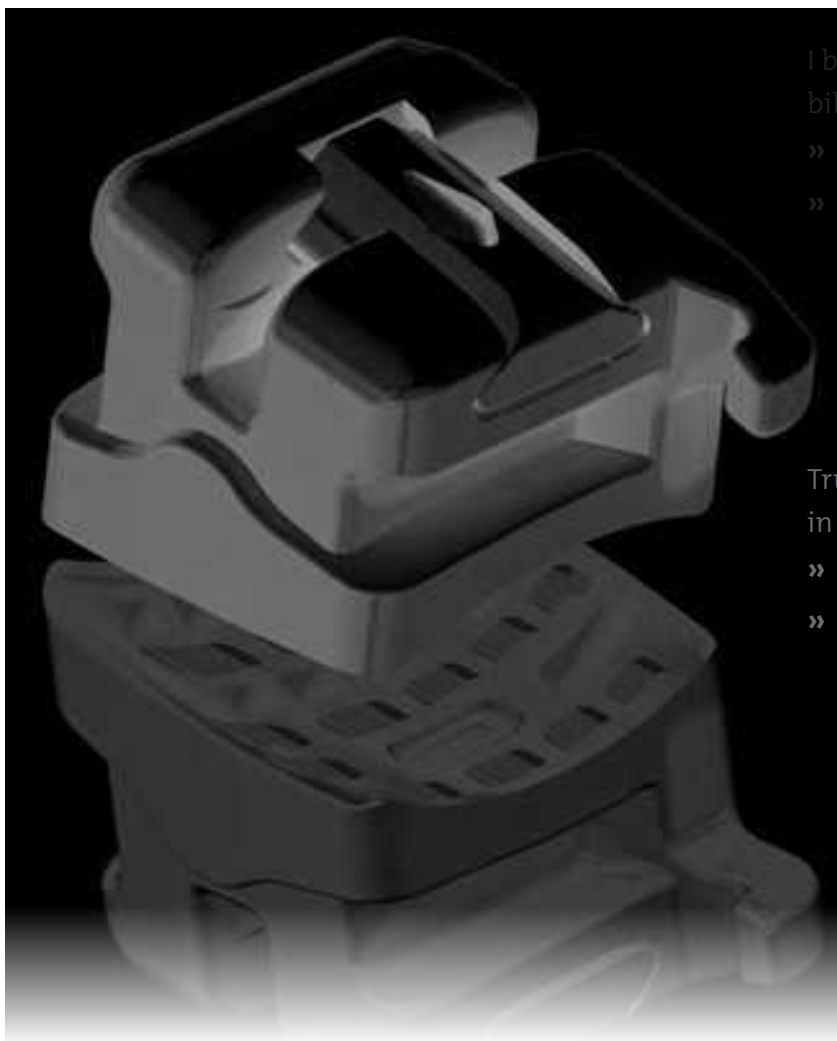
Maxillary Cuspids: 0° Torque; Mandibular Cuspids: 0° Torque

Variation	Slot .018"		Slot .022"	
	1	3	1	3
	G706T0773	G706T0774	G706T0767	G706T0768
 3	G706T0775	G706T0776	G706T0769	G706T0770
 3-5	G706T0777	G706T0778	G706T0771	G706T0772

## Accessori GLAM® GLAM® Accessories

Order No.		Content	Description
C501-0815		1	<b>Pauls-Tool</b> Strumento per rimuovere gli attacchi GLAM®, TruKlear® for debonding of GLAM®, TruKlear® l brackets, double sided

## Attacchi TruKlear® TruKlear® brackets



I bracket TruKlear® sono disponibili nelle seguenti prescrizioni:

- » McLaughlin/Bennett/Trevisi
- » Roth

TruKlear® brackets are available in the following prescriptions:

- » McLaughlin/Bennett/Trevisi
- » Roth

### Le principali caratteristiche.

#### Most attractive advantages at a glance.

- 1** Slider trapezoidale di chiusura, realizzato in ceramica a prova di decolorazione per un ottimo controllo della rotazione.
- 2** Ingressi dello slot arrotondati e quattro punti di contatto presenti al suo interno riducono gli effetti di binding e di notching.
- 3** Lo slot è progettato per essere particolarmente basso, ottimizzato per archi da .025" di altezza e garantire una buona trasmissione di torque e rotazione.
- 4** Lo slider ha un meccanismo di chiusura „metal-free“ per estetica ottimale, ideale per i pazienti sensibili al nichel.
- 5** La base del tipo a ganci contrapposti offre ritenzione meccanica ottimale e riduce il rischio di fratture dello smalto.

- 1** Trapezoidal locking slider that widens towards the slot made from discoloration-free ceramic for good rotational control.
- 2** Rounded slot inlets and four contact ribs in the slot reduce binding and notching effects.
- 3** The four-wall slot is designed to be particularly low to closely guide archwires of .025" in height to ensure good transmission of torque and rotation.
- 4** The slider has a metal-free holding mechanism – for optimal aesthetics even if patients are sensitive to nickel.
- 5** Inverse hook-style base ensures optimal mechanical retention and reduces the risk of enamel fractures.



## Roth Prescription

Codice colore | color-marks



### TruKlear® Brackets Roth Prescription

Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+12°	+5°	0,9	–	C713-0103	C712-0103	C713-0101	C712-0101
2 Laterals	+8°	+9°	1,1	–	C713-0203	C712-0203	C713-0201	C712-0201
3 Cuspids + hook	-2°	+11°	0,7	4° mesial	C713-0313	C712-0313	C713-0311	C712-0311
4 Bicuspid	-7°	0°	0,7	2° distal	C713-0503	C712-0503	C713-0501	C712-0501
	-7°	0°	0,7	2° distal	C713-0513	C712-0513	C713-0511	C712-0511
5 Bicuspid	-7°	0°	0,7	2° distal	C713-0503	C712-0503	C713-0501	C712-0501
	-7°	0°	0,7	2° distal	C713-0513	C712-0513	C713-0511	C712-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	0°	0°	1,4	–	C712-1203	C712-1203	C712-1201	C712-1201
2 Laterals	0°	0°	1,4	–	C712-1203	C712-1203	C712-1201	C712-1201
3 Cuspids + hook	-11°	+7°	1,2	2° mesial	C713-1413	C712-1413	C713-1411	C712-1411
4 Bicuspid + hook	-17°	0°	1,2	4° distal	C713-1513	C712-1513	C713-1511	C712-1511
5 Bicuspid + hook	-22°	0°	1,2	4° distal	C713-1613	C712-1613	C713-1611	C712-1611

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	3	6	1	3	6
3 Max.	C706-2000	C706-2001	C706-2002	C706-2006	C706-2007	C706-2008
3-5 Max.	C706-2003	C706-2004	C706-2005	C706-2009	C706-2010	C706-2011
3-5 Max. + Mand.	C706-2027	C706-2028	–	C706-2033	C706-2034	–

# Attacchi TruKlear® TruKlear® brackets



## McLaughlin/Bennett/Trevisi Prescription

Codice colore | color-marks



### TruKlear® Brackets McLaughlin/Bennett/Trevisi Prescription



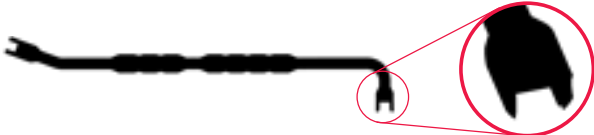


Maxillary					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	+17°	+4°	0,9	–	C715-0103	C714-0103	C715-0101	C714-0101
2 Laterals	+10°	+8°	1,1	–	C715-0203	C714-0203	C715-0201	C714-0201
3 Cuspids + hook	-7°	+8°	0,7	–	C715-0313	C714-0313	C715-0311	C714-0311
4 Bicuspids	-7°	0°	0,7	–	C715-0403	C714-0403	C715-0401	C714-0401
	-7°	0°	0,7	–	C715-0413	C714-0413	C715-0411	C714-0411
5 Bicuspids	-7°	0°	1,0	–	C715-0503	C714-0503	C715-0501	C714-0501
	-7°	0°	1,0	–	C715-0513	C714-0513	C715-0511	C714-0511

Mandibular					Slot .018"		Slot .022"	
Tooth	Torque	Angulation	In/Out	Rotation	Order No.		Order No.	
					Right	Left	Right	Left
1 Centrals	-6°	0°	1,4	–	C714-1203	C714-1203	C714-1201	C714-1201
2 Laterals	-6°	0°	1,4	–	C714-1203	C714-1203	C714-1201	C714-1201
3 Cuspids + hook	-6°	+3°	1,2	–	C715-1413	C714-1413	C715-1411	C714-1411
4 Bicuspids + hook	-12°	+2°	1,2	–	C715-1513	C714-1513	C715-1511	C714-1511
5 Bicuspids + hook	-17°	+2°	1,2	–	C715-1613	C714-1613	C715-1611	C714-1611

### Casi | Cases

Variation	Slot .018"			Slot .022"		
	1	3	6	1	3	6
3 Max.	C706-2012	C706-2013	C706-2014	C706-2018	C706-2019	C706-2020
3-5 Max.	C706-2015	C706-2016	C706-2017	C706-2021	C706-2022	C706-2023
3-5 Max. + Mand.	C706-2039	C706-2040	–	C706-2045	C706-2046	–

## Accessori TruKlear® TruKlear® Accessories

Description	Content		Order No.
<b>TruKlear® + QuickKlear® + BioPassive®</b> Sonda doppia per aprire le clip Classic opening instrument, double sided	1		C501-1842
<b>Direzionatore per archi</b> Archwire director	1		501-0861
<b>Pauls-Tool</b> Strumento per rimuovere gli attacchi QuickKlear®, TruKlear® for debonding of QuickKlear®, TruKlear® I brackets, double sided	1		C501-0816
<b>Pinza per rimuovere gli attacchi in ceramica con notch</b> Ceramic bracket debonding pliers with notch	1		C501-0828
<b>Fresa per rimuovere il composito</b> Adhesive removing bur	5		C501-0826

## Bande e tubi buccali

### Bands and buccal tubes



## Bande Bands



### Bande molari | Molar bands



#### W-Fit Form (1.+2. Molar)

- forma classica
- banda medio-rigida
- classical form
- medium-hard band material



#### Dura-Fit® Form (1. Molar)

- forma anatomica pronunciata
- banda rigida
- trattamento interno a raggi laser
- pronounced anatomical contour
- hard band material
- laser etched for optimized retention

## Le caratteristiche principali.

### Most attractive advantages at a glance.

- |  |   |
|--|---|
| <p><b>1</b> Posizionamento secondo l'anatomia del dente: ottima adattabilità sia vestibolare che linguale.</p>                   | <p><b>1</b> Perfect anatomical fit through lingual and buccal adaption and cusp indents.</p>  |
| <p><b>2</b> Effetto avvolgente easy-fit.</p>   | <p><b>2</b> Snap-on effect.</p>   |
| <p><b>3</b> Marcatura con laser.</p>   | <p><b>3</b> Laser marking.</p>  |
| <p><b>4</b> Lo spessore interprossimale ridotto facilita il posizionamento delle bande.</p>                                      | <p><b>4</b> Easy placing through reduced interproximal band thickness.</p>                    |
| <p><b>5</b> Kit introduttivi per assortimento (100, 200, 400 bande) con 32 misure (composizione dei kit secondo statistica).</p> | <p><b>5</b> Statistically calculated assortments (100, 200, 400 bands) in up to 32 sizes.</p> |

### Servizio di prepuntatura | Welding Service

Tutti i tubi buccali indicati in questo catalogo possono essere saldati sulle bande molari FORESTADENT senza costi aggiuntivi.

Gli ordini di bande prepuntate sono esclusi da resi e sostituzioni. Eventuali altre personalizzazioni saranno valutate con costi da definire e senza garanzia.

All buccal tubes indicated in this catalogue can be welded on FORESTADENT molar bands without additional charge.

Special weldings cannot be returned or credited. Items not manufactured by Forestadent are welded against a surcharge, however, without any warranty.

## Bande Molari Superiori

### Maxillary molar bands

Per ordinare i ricambi è necessario specificare le misure delle bande desiderate (sostituendo "..").

When ordering single bands please add required band size to the given order numbers.

#### Maxillary

con cleat





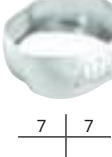
with seating eyelets

Tooth	Band type	Single bands		Band size	Band kits half left/half right		
		right	left		100 pcs.	200 pcs.	400 pcs.
	Dura-Fit®	2883-00..	2882-00..	05...36	2880-0100	2880-0200	2880-0400
	W-Fit	883-00..	882-00..	01...32	880-0100	880-0200	880-0400
	—	887-00..	886-00..	97...28	885-0100	885-0200	885-0400

senza cleat



without seating eyelets

Tooth	Band type	Single bands		Band size	Band kits half left/half right		
		right	left		100 pcs.	200 pcs.	400 pcs.
	Dura-Fit®	2883N00..	2882N00..	05...36	2880N0100	2880N0200	2880N0400
	W-Fit	883N00..	882N00..	01...32	880N0100	880N0200	880N0400
	—	887N00..	886N00..	97...28	885N0100	885N0200	885N0400

# Bande Molari Inferiori

## Mandibular molar bands





Per ordinare i ricambi è necessario specificare le misure delle bande desiderate (sostituendo "..").

When ordering single bands please add required band size to the given order numbers.

### Mandibular









con cleat  
with seating eyelets

Tooth	Band type	Single bands		5 pcs. of each size	Band size	Band kits half left/half right		
		right	left			100 pcs.	200 pcs.	400 pcs.
 	Dura-Fit®	2893-00..	2892-00..	05...36	2890-0100	2890-0200	2890-0400	
 	W-Fit	893-00..	892-00..	01...32	890-0100	890-0200	890-0400	
 	—	897-00..	896-00..	01...32	895-0100	895-0200	895-0400	



senza cleat  
without seating eyelets

Tooth	Band type	Single bands		5 pcs. of each size	Band size	Band kits half left/half right		
		right	left			100 pcs.	200 pcs.	400 pcs.
 	Dura-Fit®	2893N00..	2892N00..	05...36	2890N0100	2890N0200	2890N0400	
 	W-Fit	893N00..	892N00..	01...32	890N0100	890N0200	890N0400	
 	—	897N00..	896N00..	01...32	895N0100	895N0200	895N0400	

## Bande Premolari Superiori

### Maxillary premolar bands\*


Per ordinare i ricambi è necessario specificare le misure delle bande desiderate (sostituendo "..").

When ordering single bands please add required band size to the given order numbers.

#### Maxillary



con cleat  
with seating eyelets

Tooth	Single bands		Band size	Band kits half left/half right		
	right	5 pcs. of each size left		100 pcs.	200 pcs.	400 pcs.
 54   45	860-00..	01...32	860-0100	860-0200	860-0400	



senza cleat  
without seating eyelets

	860N00..	01...32	860N0100	860N0200	860N0400
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## Bande premolari inferiori

### Mandibular premolar bands

#### Mandibular





con cleat  
with seating eyelets

Tooth	Single bands		Band size	Band kits half left/half right		
	right	5 pcs. of each size left		100 pcs.	200 pcs.	400 pcs.
 5   5	875-00..	05...32	875-0100	875-0200	875-0400	
 4   4	870-00..	01...32	870-0100	870-0200	870-0400	



senza cleat  
without seating eyelets





 5   5	875N00..	05...32	875N0100	875N0200	875N0400
 4   4	870N00..	01...32	870N0100	870N0200	870N0400

\*Su richiesta, i nostri brackets premolari sono disponibili anche con brackets saldati nelle prescrizioni Roth, Standard Edgewise e Standard Ricketts per Slot .018" / .022".

\*On request, our premolar brackets are also available with welded brackets in prescriptions Roth, Standard Edgewise und Standard Ricketts for Slot .018" / .022"


## Tubi linguali da puntare

### Lingual cleats

Description	Offset	Content		Order No. right	Order No. left
<b>Tubi linguali</b> tubi con stop o aperti, per Barre Palatali e per Quad Helix  <b>Lingual cleat</b> with latching indent, open, for Palatal Bar and Quad Helix	–	10		760-0085	760-0084
	–	10		760-0087	760-0086
	–	10		760-0081	
	6°	10		760-0089	760-0088

## Attacco linguale

### Lingual attachment

Description	Use	Content		Order No.
<b>Attacco linguale</b> per il fissaggio di viti RPE e distalizzatori, tubo diametro 1,5 mm  <b>Lingual attachment</b> for fixation of RPE screws and distalizers, tube diameter 1,5 mm	$\frac{76}{76} \quad \frac{67}{67}$	10		760-0074

## Tacchette linguali su cuscinetto

### Lingual cleats on Pad

Description	Offset	Content		Order No. right	Order No. left
<b>Tacchetto linguale su Pad</b> con rientro a scatto, aperto, per barra palatale e Quad Helix  <b>Lingual cleat on Pad</b> with latching indent, open, for Palatal Bar and Quad Helix	–	10		760-0083	760-0082
<b>Tacchetta linguale sul cuscinetto Big Foot</b> con rientranza di aggancio, aperta, per barra palatale e Quad Helix  <b>Lingual cleat on Big Foot Pad</b> with latching indent, open, for Palatal Bar and Quad Helix	6°	10		760B0083	760B0082

## Basi dirette per ogni esigenza

### Bondable Pads for each type

#### Ottimizza gli acquisti e i tempi di attesa utilizzando le basi dirette FORESTADENT

Con le basi dirette Forestadent puoi ottimizzare lo stoccaggio e i tempi alla poltrona! Aniché acquistare 32 misure differenti di bande prepuntate, saranno necessari solo i tubi diretti per tutte le terapie.

##### Tutte le basi dirette FORESTADENT:

- si adattano in modo eccellente all'anatomia del dente e la forma perfettamente calibrata garantisce un'eccellente ritenzione alla superficie dentale
- sono realizzate in acciaio
- sono prodotte con la tradizionale base mesh, tranne i tubi diretti Nickel-free (monoblocco - tecnologia MIM) con base a ganci contrapposti

#### Reduce your storage costs and chair side time by using FORESTADENT bondable pads

Instead of storing 32 different band sizes with adequate buccal tubes you can also get our buccal tubes on bondable pads. This way you can treat all of your patients while keeping the inventory small.

##### All FORESTADENT bondable pads ...

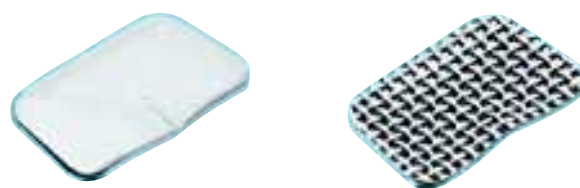
- provide a perfect fit and assure maximum bond strength due to mesial-distal and occlusal-gingival contours of the pads which are matching the natural tooth surface
- are made of stainless steel
- feature the well-tried mesh base, except Ni-Free bondable pads which have a block base

##### Base piccola

E' la nostra base diretta standard ed è utilizzata specialmente per denti non completamente erotti o con corone piccole. I tubi per i settimi sono disponibili su basi dirette standard.

##### Small bondable pad

The standard bondable pad is especially suitable for small crowns and for teeth which are not yet fully erupted. Buccal tubes for the 7s are generally delivered on a standard bondable pad.

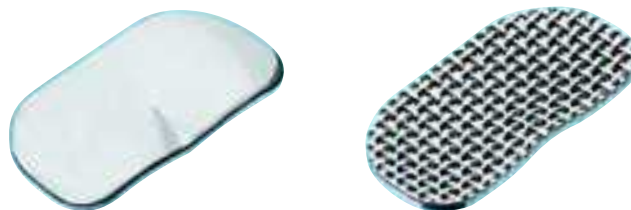


##### Base larga

I tubi diretti doppi e tripli sono proposti con basi dirette larghe. I tubi singoli sono anche disponibili su base larga, a richiesta del cliente (ordine minimo 100 tubi destri e 100 sinistri).

##### Large bondable pad

Double and triple buccal tubes are delivered on large bondable pads as a standard. Single buccal tubes can be delivered on large bondable pads on request. Please contact us for minimum order quantities.



##### Basi "Big Foot"

Sono realizzate in metallo ultra-sottile modellabile che le rende morbide e facili da adattare. L'adattamento perfetto offre adesione ottimale. Le basi "Big Foot" Forestadent hanno una base mesh tradizionale e le speciali tacche su entrambi i lati, rendono possibile la facile rimozione. Gli attacchi molari Quick e i tubi Roth e McLaughlin/Bennet/Trevisi Sono disponibili anche su basi "Big Foot".

##### Big Foot bondable pad

Big Foot pads are made of extra thin material which makes them very easy to adapt to the tooth contour of the molars. The perfect fit provides a better adhesion to the tooth. Special notches on each side of the pad make removing easy and safe. Molar brackets and selected buccal tubes in the Roth and McLaughlin/Bennet/Trevisi Prescription are offered on Big Foot pads.



##### Tubi diretti Nickel-free

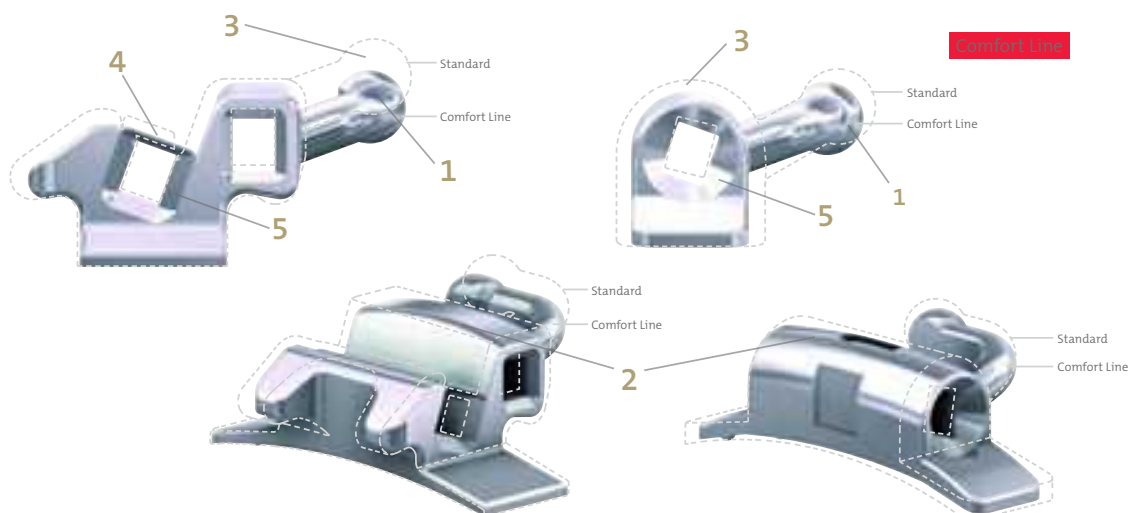
La nostra produzione con tecnologia MIM offre tubi diretti senza Nickel con basi sottili e arrotondate.

##### Ni-Free bondable pad

The Ni-Free bondable pad is a flat universal pad featuring a block base.



## Tubi buccali Comfort Line 3D Comfort Line buccal tubes



### Le caratteristiche principali. Most attractive advantages at a glance.

- |  |   |
|--|---|
| <p><b>1</b> Gancio più basso, più confortevole.</p> <hr/> <p><b>2</b> Superfici smussate, angoli arrotondati.</p> <hr/> <p><b>3</b> Struttura sottile.</p> <hr/> <p><b>4</b> Stabilità migliorata dalla linguetta convertibile.</p> <hr/> <p><b>5</b> Foro di inserimento "ad imbuto" più ampio.</p> | <p><b>1</b> Flatter hook.</p> <hr/> <p><b>2</b> Rounded bodies.</p> <hr/> <p><b>3</b> Flatter profile.</p> <hr/> <p><b>4</b> Modified link to the convertible cap tab (convertible).</p> <hr/> <p><b>5</b> Larger insertion funnel.</p> |
|--|---|

Molti nostri tubi sono già disponibili nella versione "Comfort Line". Si caratterizzano per l'elevato comfort per il paziente e la maggiore praticità per il dentista. La nuova linguetta convertibile chiude perfettamente lo slot:

Tubi buccali convertibili impedisce che corpi estranei (es. setole dello spazzolino) possano rimanere incastrate. Quando necessario convertire il tubo, la linguetta si rimuove con facilità in modo semplice e sicuro.

L'inserimento degli archi è inoltre facilitato dallo svasso mesiale nello slot oltre agli angoli smussati.

I tubi sono complessivamente più sottili e dal design più anatomico. Le alette di dimensioni ridotte permettono di ridurre eventuali interferenze occlusali.

Many of our buccal tubes are available in the "Comfort Line" design. These buccal tubes are distinguished by greater patient comfort and enhanced convenience for the practitioner:

Convertible buccal tubes feature a modified cap over the whole slot length. This prevents foreign objects (particularly the bristles of toothbrushes) from becoming trapped inside. Nevertheless, the caps can be removed.

The insertion of archwires is easier thanks to a larger and rounded insertion funnel.

Overall, the profile is flatter in terms of its design, and anatomically curved. As a result of smaller occlusal wings, the risk of contact with antagonizing teeth is reduced.

## Tubi buccali "Tulip" Tulip buccal tubes

I tubi buccali Tulip devono il loro nome all'apertura di inserimento a forma di tulipano. Essendo ampiamente dimensionata, tale apertura facilita e velocizza l'inserimento degli archi. I Suoi pazienti saranno soddisfatti del profilo estremamente piatto che assicura un comfort elevato.

The Tulip buccal tubes owe their name to the tulip-shaped entrance funnel. It has been dimensioned especially large to allow quick and easy insertion of the archwires. Your patients will be delighted by the extremely flat design which guarantees a high level of comfort.



# Tubi buccali Comfort Line 3D Comfort Line 3D buccal tubes

I tubi Comfort Line 3D rappresentano la nuova generazione dei nostri famosi tubi conosciuti per l'insuperabile ritenzione meccanica, con una base di dimensioni contenute. Questi tubi buccali realizzati con tecnica MIM, prodotti in monoblocco, hanno tutti i vantaggi dei tubi Comfort Line classici e inoltre sono anallergici quindi senza Nickel. Il nuovo design 3D della base garantisce la migliore ritenzione e consente un debonding sicuro e confortevole.

Comfort Line 3D buccal tubes are the newest generation of our proven classics providing an optimised and anatomically shaped, smaller pad. These MIM-manufactured one piece buccal tubes have all advantages of Comfort Line buccal tubes and are also nickel free. The smart design of the 3D-base provides optimal bonding strength whilst maintaining safe and comfortable debonding.

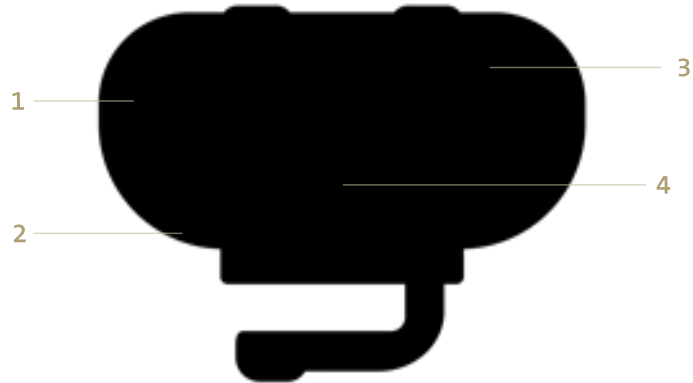
Comfort Line 3D sono disponibili con la tacca anatomica per il posizionamento ancora più preciso e veloce.

Comfort Line 3D buccal tubes are also available with an anatomical indent for precision placement.

tacca anatomica  
anatomical indent



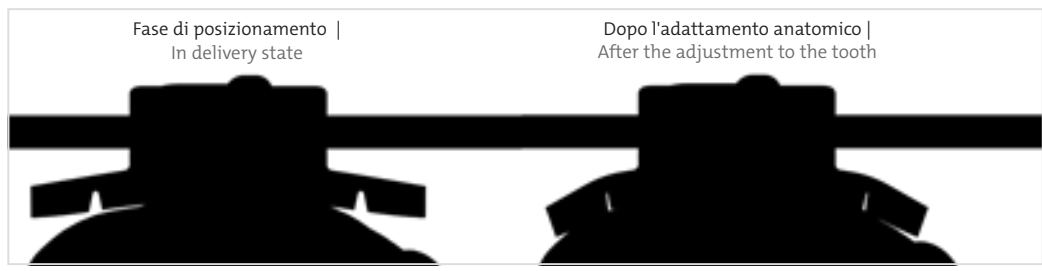
# Tubi buccali Comfort Line 3D – Il pad MIM anatomico Comfort Line 3D – The adaptive MIM Pad



## Le caratteristiche principali. Most attractive advantages at a glance.

- 1 Parti modellabili della base per adattarle anatomicamente al dente, con margini per prevenire danni durante la modellazione.
- 2 Pad ritentivo segmentato a tre aree per una adesione ottimale.
- 3 Due tacche occluso-gengivali aiutano durante il posizionamento e offrono un riferimento per gli archi.
- 4 Ottima ritenzione meccanica con la base Comfort Line 3D.






- 1 Support structure secures thin-walled adhesive edge from damage during pad fitting.
- 2 Three individual pad segments with closed circumferential edge.
- 3 Two occluso-gingival notches define bending behavior and direction.
- 4 Retention based on established Comfort Line 3D base.






# Tubi diretti e da puntare

## Buccal tubes

### Roth Prescription


Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
 <b>Comfort Line</b> occlusal headgear tube convertible	6   6	-14°	-	14°	.018" x .028"	741-0703	740-0703	-	-
					.022" x .028"	741-0701	740-0701	-	-
 <b>Comfort Line</b> convertible	6   6	-14°	-	14°	.018" x .028"	741-0727	740-0727	-	-
					.022" x .028"	741-0725	740-0725	-	-
 <b>Comfort Line</b> gingival headgear tube convertible	6   6	-14°	-	14°	.018" x .028"	741-0713	740-0713	-	-
					.022" x .028"	741-0711	740-0711	-	-
 <b>Comfort Line</b> occlusal headgear tube convertible	6   6	-14°	-	14°	.018" x .028"	741-0723	740-0723	-	-
					.022" x .028"	741-0721	740-0721	-	-
 <b>Comfort Line</b> convertible	7   7	-14°	-	14°	.018" x .028"	741-0803	740-0803	741-0804	740-0804
					.022" x .028"	741-0801	740-0801	741-0802	740-0802


### Mandibular

 <b>Comfort Line</b> convertible	6   6	-30°	-	4°	.018" x .028"	741-1703	740-1703	-	-
					.022" x .028"	741-1701	740-1701	-	-
 <b>Comfort Line</b> convertible, ø .045 inch / ø 1.15 mm	6   6	-30°	-	4°	.018" x .028"	741-1707	740-1707	-	-
					.022" x .028"	741-1705	740-1705	-	-
 <b>Comfort Line</b> convertible	7   7	-30°	-	4°	.018" x .028"	741-1803	740-1803	741-1804	740-1804
					.022" x .028"	741-1801	740-1801	741-1802	740-1802

### Tubi buccali "Tulip"

#### Tulip buccal tubes

Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	on large Pad		on Big Foot Pad	
						right	left	right	left
 <b>Comfort Line</b> tulip buccal tube	76   67	-14°	-	14°	.018" x .028"	743L0754	742L0754	743B0754	742B0754
					.022" x .028"	743L0752	742L0752	743B0752	742B0752



on large Pad		on Big Foot Pad		on adaptive MIM pad (Ni-Free)		Comfort Line 3D (Ni-Free)			
						without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left	right	left
741-0704	740-0704	741B0704	740B0704	–	–	741M0704*	740M0704*	–	–
741-0702	740-0702	741B0702	740B0702	–	–	741M0702*	740M0702*	–	–
–	–	–	–	741-0728	740-0728	–	–	–	–
–	–	–	–	741-0726	740-0726	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
741L0804	740L0804	741B0804	740B0804	–	–	741M0804	740M0804	741K0804	740K0804
741L0802	740L0802	741B0802	740B0802	–	–	741M0802	740M0802	741K0802	740K0802

741-1704	740-1704	741B1704	740B1704	–	–	741M1704*	740M1704*	–	–
741-1702	740-1702	741B1702	740B1702	–	–	741M1702*	740M1702*	–	–
–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–
741L1804	740L1804	741B1804	740B1804	–	–	741M1804*	740M1804*	–	–
741L1802	740L1802	741B1802	740B1802	–	–	741M1802	740M1802*	–	–







\* No Comfort Line 3D | no Comfort Line 3D

Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets.





# Tubi diretti e da puntare

## Buccal tubes

### McLaughlin/Bennett/Trevisi Prescription





Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
 <b>Comfort Line</b> occlusal headgear tube convertible	6   6	-14°	-	10°	.018" x .028"	728-0713	727-0713	-	-
					.022" x .028"	728-0711	727-0711	-	-
 occlusal headgear tube convertible	6   6	-14°	-	14°	.018" x .028"	-	-	-	-
					.022" x .028"	-	-	-	-
 convertible	6   6	-14°	-	10°	.022" x .028"	728-0701	727-0701	-	-
 <b>Comfort Line</b> convertible	6   6	-14°	-	10°	.018" x .028"	728-0727	727-0727	-	-
					.022" x .028"	728-0725	727-0725	-	-
 <b>Comfort Line</b>	7   7	-14°	-	10°	.018" x .028"	728-0803	727-0803	728-0804	727-0804
					.022" x .028"	728-0801	727-0801	728-0802	727-0802
 <b>Comfort Line</b>	76   67	-14°	-	12°	.018" x .028"	-	-	-	-
					.022" x .028"	-	-	-	-


### Mandibular

 <b>Comfort Line</b> convertible	6   6	-20°	-	0°	.018" x .028"	728-1703	727-1703	-	-
					.022" x .028"	728-1701	727-1701	-	-
 <b>Comfort Line</b>	6   6	-20°	-	0°	.018" x .028"	728-1713	727-1713	728-1714	727-1714
					.022" x .028"	728-1711	727-1711	728-1712	727-1712
 convertible, for Lip Bumper ø .045 inch / ø 1.15 mm	6   6	-20°	-	0°	.022" x .028"	728-1705	727-1705	-	-
 <b>Comfort Line</b>	7   7	-10°	-	0°	.018" x .028"	728-1803	727-1803	728-1804	727-1804
					.022" x .028"	728-1801	727-1801	728-1802	727-1802

### Tubi buccali "Tulip"

#### Tulip buccal tubes

Mandibular	Tooth	Torque	Angulation	Distal Offset	Slot	on large Pad		on Big Foot Pad	
						right	left	right	left
 	7   7	-10°	-	0°	.018" x .028"	742T0724	743T0724	-	-
					.022" x .028"	742T0722	743T0722	-	-
 	76   67	-20°	-	0°	.018" x .028"	743L1714	742L1714	743B1714	742B1714
					.022" x .028"	743L1712	742L1712	743B1712	742B1712



on large Pad		on Big Foot Pad		on adaptive MIM pad (Ni-Free)		Comfort Line 3D (Ni-Free)			
						without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left	right	left
728-0714	727-0714	–	–	–	–	–	–	–	–
728-0712	727-0712	–	–	–	–	–	–	–	–
–	–	–	–	–	–	741M0704*	740M0704*	–	–
–	–	–	–	–	–	741M0702*	740M0702*	–	–
728-0702	727-0702	–	–	–	–	–	–	–	–
–	–	–	–	728-0728	727-0728	–	–	–	–
–	–	–	–	728-0726	727-0726	–	–	–	–
728L0804	727L0804	728B0804	727B0804	–	–	–	–	–	–
728L0802	727L0802	728B0802	727B0802	–	–	–	–	–	–
–	–	–	–	–	–	728M0804	727M0804	728K0804	727K0804
–	–	–	–	–	–	728M0802	727M0802	728K0802	727K0802

728-1704	727-1704	728B1704	727B1704	–	–	–	–	–	–
728-1702	727-1702	728B1702	727B1702	–	–	728M1702*	727M1702*	–	–
728L1714	727L1714	728B1714	727B1714	–	–	728M1714	727M1714	728K1714	727K1714
728L1712	727L1712	728B1712	727B1712	–	–	728M1712	727M1712	728K1712	727K1712
–	–	–	–	–	–	–	–	–	–
728L1804	727L1804	728B1804	727B1804	–	–	728M1804	727M1804	728K1804	727K1804
728L1802	727L1802	728B1802	727B1802	–	–	728M1802	727M1802	728K1802	727K1802

\* No Comfort Line 3D | no Comfort Line 3D

Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets

# Tubi diretti e da puntare


## Buccal tubes

### McLaughlin Bennett 5.0 Prescription




Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
	7   7	-14°	-	4°	.018" x .028"	-	-	-	-
					.022" x .028"	-	-	-	-


#### Mandibular

	7   7	-10°	-	0°	.018" x .028"	-	-	-	-
					.022" x .028"	-	-	-	-



### Tubi buccali "Tulip"

#### Tulip buccal tubes



Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	on large Pad	
						right	left
	76   67	-14°	-	10°	.018" x .028"	743T0744	742T0744
					.022" x .028"	743T0742	742T0742

#### Mandibular

	6   6	-20°	-	0°	.018" x .028"	743T1714	742T1714
					.022" x .028"	743T1712	742T1712
	7   7	-10°	-	0°	.018" x .028"	742T0724	743T0724
					.022" x .028"	742T0722	743T0722



on large Pad		on Big Foot Pad		Comfort Line 3D (Ni-Free)			
				without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left
-	-	-	-	728-0814*	727-0814*	-	-
-	-	-	-	728-0812*	727-0812*	-	-

-	-	-	-	728-1814*	727-1814*	-	-
-	-	-	-	728-1812*	727-1812*	-	-



\* No Comfort Line 3D | no Comfort Line 3D

Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets



# Tubi diretti e da puntare

## Buccal tubes

### FACE Evolution Prescription

Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
						 <b>Comfort Line</b> convertible	$\frac{6}{6}$	-30°	-
					<b>.022" x .028"</b>	739-0701	738-0701	-	-
	$\frac{7}{7}$	-30°	-	6°	<b>.018" x .028"</b>	739-0803	738-0803	739-0804	738-0804
					<b>.022" x .028"</b>	739-0801	738-0801	739-0802	738-0802

### Mandibular

 <b>Comfort Line</b> convertible	$\frac{6}{6}$	-30°	-	4°	<b>.018" x .028"</b>	739-1703	738-1703	-	-
					<b>.022" x .028"</b>	739-1701	738-1701	-	-
	$\frac{7}{7}$	-30°	-	0°	<b>.018" x .028"</b>	739-1803	738-1803	739-1804	738-1804
					<b>.022" x .028"</b>	739-1801	738-1801	739-1802	738-1802

### Tulip buccal tubes

Mandibular	Tooth	Torque	Angulation	Distal Offset	Slot	on large Pad		on Big Foot Pad	
						right	left	right	left
							$\frac{76}{67}$	-30°	-
					<b>.022" x .028"</b>	743L1732	742L1732	743B1732	742B1732

on large Pad		on Big Foot Pad		Comfort Line 3D (Ni-Free)			
				without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left
739-0704	738-0704	–	–	–	–	–	–
739-0702	738-0702	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–


739-1704	738-1704	739B1704	738B1704	–	–	–	–
739-1702	738-1702	739B1702	738B1702	–	–	–	–
–	–	–	–	748M8315	748M8215	748K8315	748K8215
748L8325	748L8225	–	–	748M8325	748M8225	748K8325	748K8225




Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
 When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets

# Tubi diretti e da puntare



## Buccal tubes

### Roncone Prescription



Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
 <b>Comfort Line</b> convertible	$\frac{6}{ }$ $\frac{6}{ }$	-20°	–	20°	<b>.022" x .028"</b>	737-0701	736-0701	–	–
 convertible	$\frac{6}{ }$ $\frac{6}{ }$	-20°	–	12°	<b>.022" x .028"</b>	737-0725	736-0725	–	–
 <b>Comfort Line</b>	$\frac{7}{ }$ $\frac{7}{ }$	-17°	–	12°	<b>.022" x .028"</b>	737-0801	736-0801	737-0802	736-0802

### Mandibular

 <b>Comfort Line</b> convertible	$\frac{6}{ }$ $\frac{6}{ }$	-13°	–	4°	<b>.022" x .028"</b>	737-1701	736-1701	–	–
 <b>Comfort Line</b>	$\frac{7}{ }$ $\frac{7}{ }$	-10°	–	0°	<b>.0228" x .028"</b>	737-1801	736-1801	737-1802	736-1802







on large Pad		on Big Foot Pad		Comfort Line 3D (Ni-Free)			
				without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left
737-0702	736-0702	-	-	-	-	-	-
737-0726	736-0726	-	-	-	-	-	-
-	-	-	-	-	-	-	-

737-1702	736-1702	-	-	-	-	-	-
-	-	-	-	728M1802	727M1802	728K1802	727K1802




Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets

## Tubi diretti e da puntare Buccal tubes

### Standard Edgewise/Ricketts Prescription


Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
							$\frac{6}{6}$	0°	-
					.022" x .028"	749-0320	749-0220	-	-
 gingival headgear tube	$\frac{6}{6}$	0°	-	0°	.018" x .028"	752-0310	752-0210	-	-
 Comfort Line convertible	$\frac{6}{6}$	0°	-	0°	.018" x .028"	743-2703	742-2703	-	-
					.022" x .028"	743-2701	742-2701	-	-
 Comfort Line	$\frac{6}{6}$	0°	-	0°	.018" x .028"	748-0211	748-0311	748-8211	748-8311
					.022" x .028"	748-0221	748-0321	748-8221	748-8321

### Mandibular

 Comfort Line	$\frac{6}{6}$	0°	-	0°	.018" x .028"	750-0410	750-0410	-	-
 Comfort Line convertible	$\frac{6}{6}$	0°	-	0°	.018" x .028"	742-2703	743-2703	-	-
					.022" x .028"	742-2701	743-2701	-	-
 Comfort Line	$\frac{6}{6}$	0°	-	0°	.018" x .028"	748-0311	748-0211	748-8311	748-8211
					.022" x .028"	748-0321	748-0221	748-8321	748-8221

### Tubi buccali "Tulip" Tulip buccal tubes

Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	on large Pad		on Big Foot Pad	
						right	left	right	left
							$\frac{76}{67}$	0°	-
					.022" x .028"	743L0712	742L0712	743B0712	742B0712






on large Pad		on adaptive MIM Pad (Ni-Free)		Comfort Line 3D (Ni-Free)			
				without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left
749-8310	749-8210	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	743-2704	742-2704	–	–	–	–
–	–	743-2702	742-2702	–	–	–	–
748L8211	748L8311	–	–	748M8211	748M8311	748K8211	748K8311
748L8221	748L8321	–	–	748M8221	748M8321	748K8221	748K8321

–	–	–	–	–	–	750-8410	750-8410
–	–	742-2704	743-2704	–	–	–	–
–	–	742-2702	743-2702	–	–	–	–
748L8311	748L8211	–	–	748M8311	748M8211	748K8311	748K8211
748L8321	748L8221	–	–	748M8321	748M8221	748K8321	748K8221




Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets

## Tubi diretti e da puntare – Prescrizioni Speciali

### Buccal tubes – special execution

Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
 convertible	6   6	-10°	-	8°	.018" x .028"	743-0703	742-0703	-	-
					.022" x .028"	743-0701	742-0701	-	-
 occlusal headgear tube, convertible	6   6	0°	-	7°	.022" x .028"	759-1320	759-1220	-	-
 Mini buccal tubes	7   7	0°	-	0°	.018" x .025"	-	-	748-9211	748-9311
					.022" x .028"	-	-	748-9221	748-9321

#### Mandibular

 Comfort Line convertible	6   6	-25°	-	6°	.018" x .028"	743-1703	742-1703	-	-
					.022" x .028"	743-1701	742-1701	-	-
 convertible	6   6	0°	-	7°	.018" x .028"	756-1310	756-1210	-	-
					.022" x .028"	756-1320	756-1220	-	-
 Mini buccal tubes	7   7	0°	-	0°	.018" x .025"	-	-	748-9311	748-9211
					.022" x .028"	-	-	748-9321	748-9221

#### Tubi buccali "Tulip"

#### Tulip buccal tubes

Maxillary	Tooth	Torque	Angulation	Distal Offset	Slot	on large Pad		on Big Foot Pad	
						right	left	right	left
	76   67	-10°	-	0°	.018" x .028"	743L0724	742L0724	743B0724	742B0724
					.022" x .028"	743L0722	742L0722	743B0722	742B0722
	76   67	-10°	-	6°	.018" x .028"	743L0734	742L0734	743B0734	742B0734
					.022" x .028"	743L0732	742L0732	743B0732	742B0732

#### Mandibular

	76   67	-25°	-	6°	.018" x .028"	743L1724	742L1724	743B1724	742B1724
					.022" x .028"	743L1722	742L1722	743B1722	742B1722



on large Pad		on Big Foot Pad		Comfort Line 3D (Ni-Free)			
				without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left
743-0704	742-0704	-	-	-	-	-	-
743-0702	742-0702	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-



743-1704	742-1704	-	-	-	-	-	-
743-1702	742-1702	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-


Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
 When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets

# Attacchi molari BioQuick®


## BioQuick® molar brackets


### McLaughlin/Bennett/Trevisi and Roth Prescription

Maxillary	Tooth	Torque	Angu- lation	Distal Offset	Slot	for welding		on small Pad	
						right	left	right	left
	76   67	-14°	-	12°	.018" x .028"	-	-	731-0713	730-0713
					.022" x .028"	-	-	731-0711	730-0711

#### Mandibular



	76   67	-20°	-	2°	.018" x .028"	-	-	731-1713	730-1713
					.022" x .028"	-	-	731-1711	730-1711

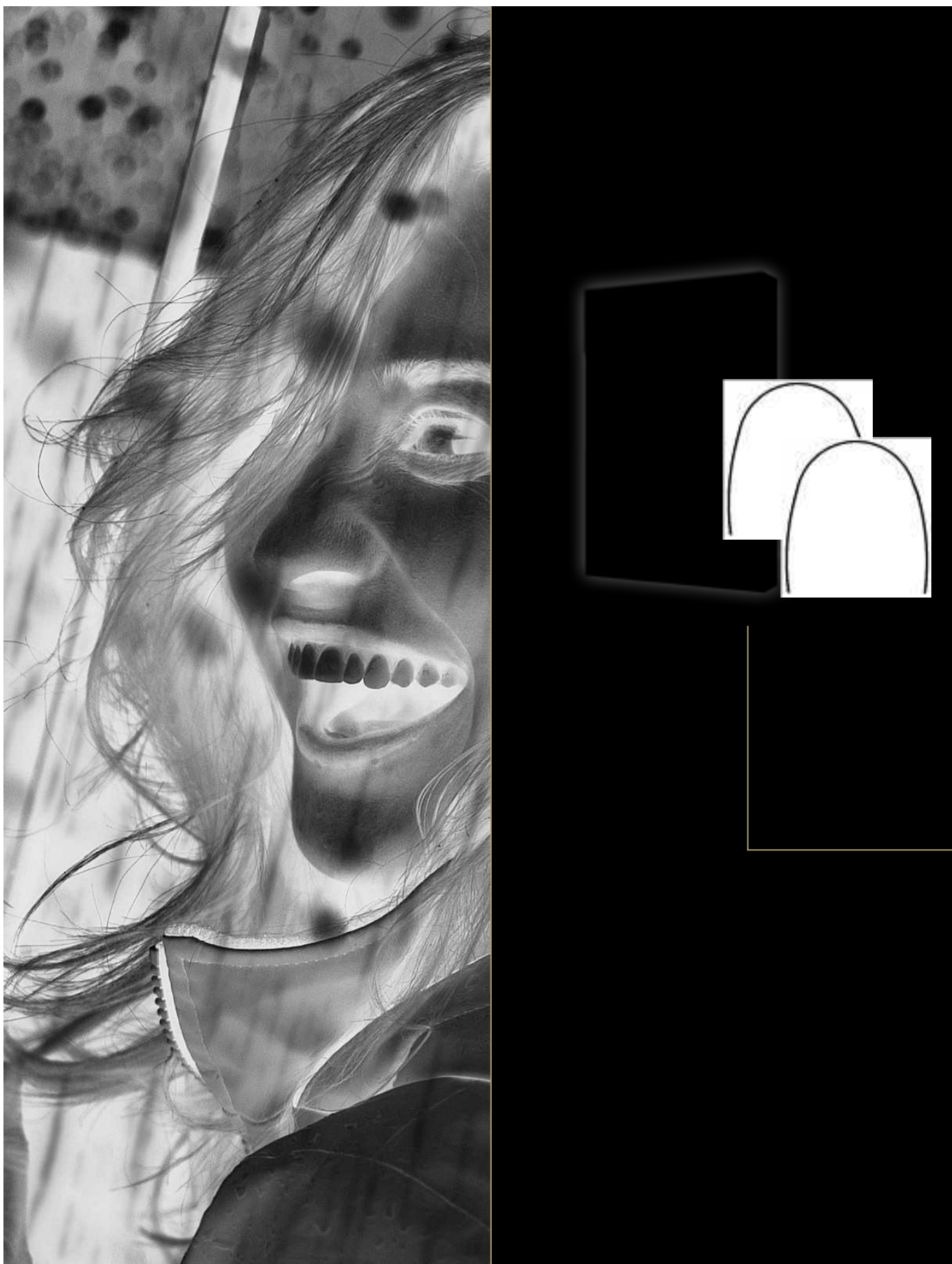
on large Pad		on Big Foot Pad		Comfort Line 3D (Ni-Free)			
				without anatomical indent		with anatomical indent	
right	left	right	left	right	left	right	left
–	–	731B0734	730B0734	–	–	–	–
–	–	731B0732	730B0732	–	–	–	–

–	–	731B1734	730B1734	–	–	–	–
–	–	731B1732	730B1732	–	–	–	–

Quando si ordinano bande prepuntate è necessario specificare: tipo di banda, misura, tubo buccale, accessorio linguale.  
When ordering prewelded bands please specify: band type, band size, buccal tube, lingual seating eyelets



**Archi preformati, fili diritti e accessori**  
**Archwires, straight length wires and preformed wire accessories**

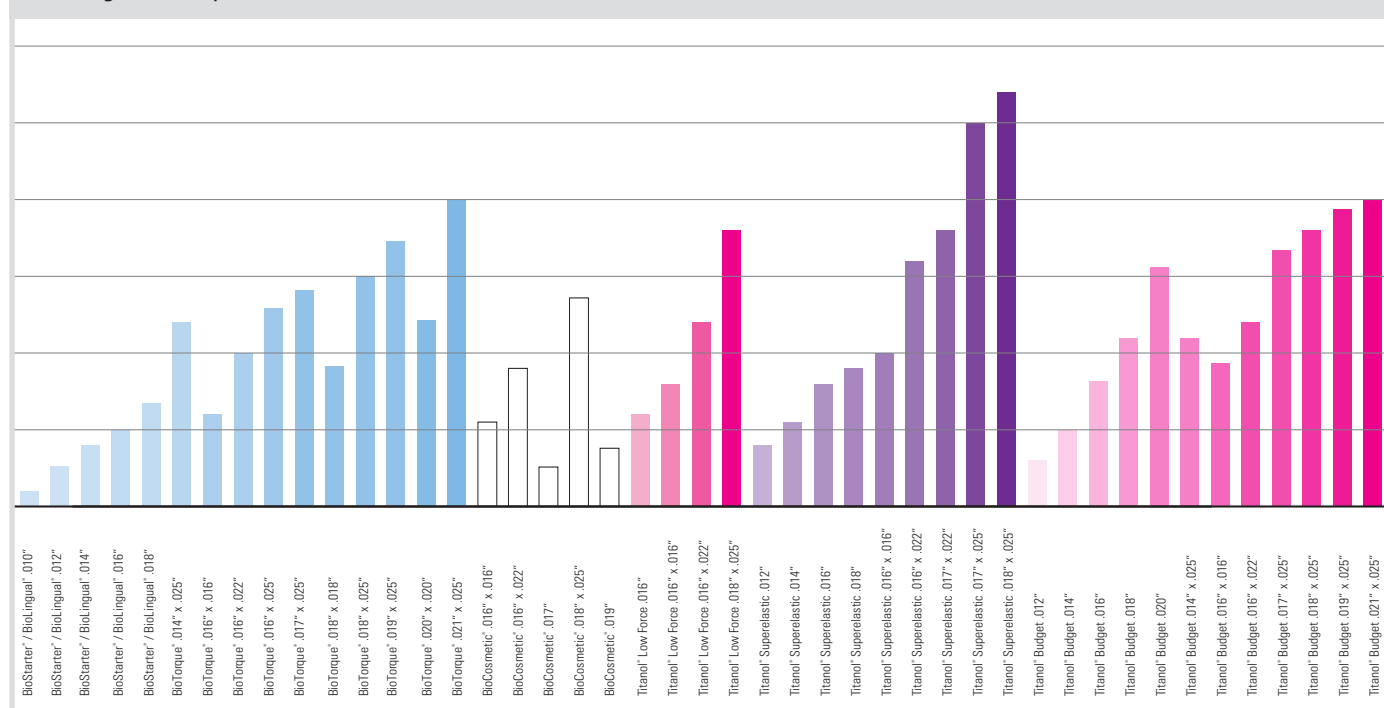


# Caratteristiche degli archi preformati FORESTADENT

## Features of archwire materials

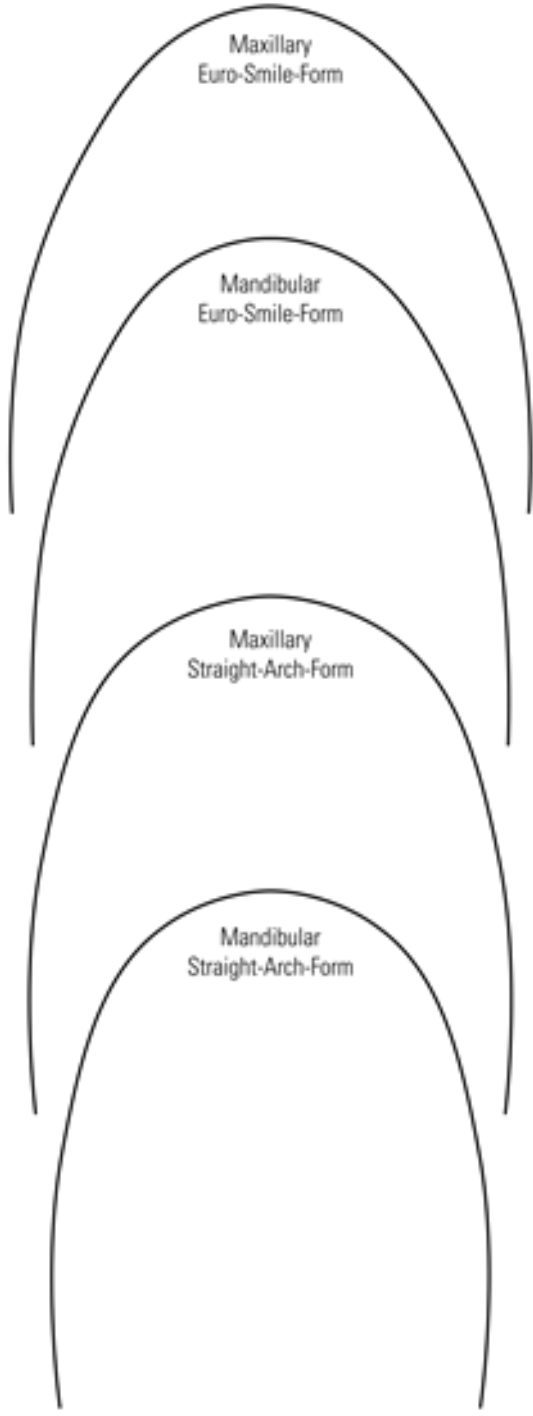
		Levelling phase		Alignment phase		Leading phase	Retraction phase
		Balance	Rotation balance	Angulation	Torque	Retraction	Finishing
BioStarter®   BioTorque®	● ■	[Progress bar]		[Progress bar]			
BioCosmetic®	● ■	[Progress bar]		[Progress bar]			
Titanol® Low Force	● ■	[Progress bar]		[Progress bar]			
Titanol® Superelastic   Cosmetic	● ■	[Progress bar]		[Progress bar]			
Titanol® Budget	● ■	[Progress bar]		[Progress bar]			
FORESTAFLEX	● ■	[Progress bar]		[Progress bar]			
FORESTALLOY	■			[Progress bar]			
Steel	● ■			[Progress bar]		[Progress bar]	[Progress bar]
Betaflex Titan	■			[Progress bar]			
DuoForce®	■	[Progress bar]					

### Restoring force comparison

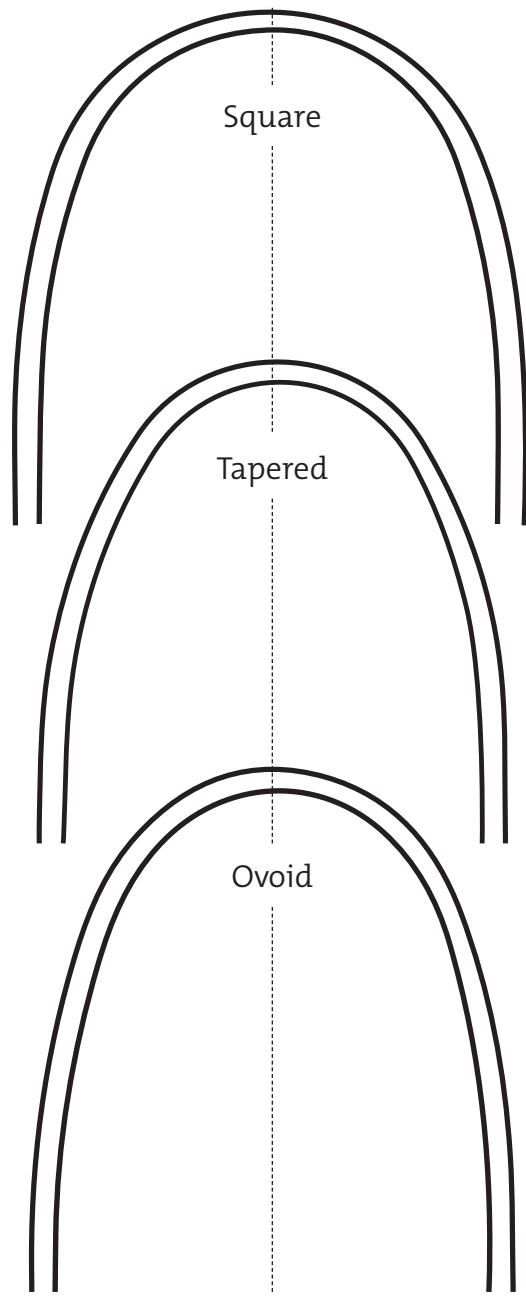


# FORESTADENT Shape Finder

FORESTADENT Standard



McLaughlin Bennett 5.0



# BioStarter®, BioTorque®



Description	Order No.		Order No.		Profile	ø inch	Content
	Maxillary	Mandibular	Maxillary	Mandibular			
BioStarter®	203-0825	203-0925	203-1825	203-1925	●	.010"	10
	203-0830	203-0930	203-1830	203-1930	●	.012"	10
	203-0835	203-0935	203-1835	203-1935	●	.014"	10
	203-0840	203-0940	203-1840	203-1940	●	.016"	10
	203-0845	203-0945	203-1845	203-1945	●	.018"	10

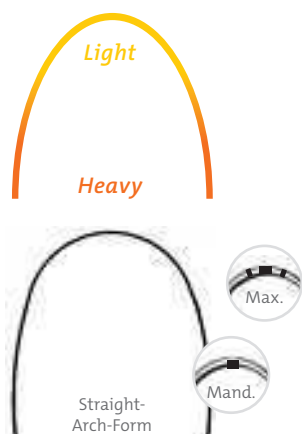
BioTorque®	203-2035	203-2135	203-4035	203-4135	■	.014" x .025"	10
	203-1440	203-1540	203-3440	203-3540	■	.016" x .016"	10
	203-2040	203-2140	203-4040	203-4140	■	.016" x .022"	10
	203-2440	203-2540	203-4440	203-4540	■	.016" x .025"	10
	203-2044	203-2144	203-4044	203-4144	■	.017" x .025"	10
	203-1445	203-1545	203-3445	203-3545	■	.018" x .018"	10
	203-2046	203-2146	203-4046	203-4146	■	.018" x .025"	10
	203-2048	203-2148	203-4048	203-4148	■	.019" x .025"	10
	203-1450	203-1550	203-3450	203-3550	■	.020" x .020"	10
	203-2053	203-2153	203-4053	203-4153	■	.021" x .025"	10

Description	Content		Order No.
<p><b>Template per archi</b> per le forme Straight-Arch/Euro-Smile</p> <p><b>Archwire template</b> for Straight-Arch-Form/Euro-Smile-Form</p>	1		435-0006

## Archi DuoForce® DuoForce® archwires



### DuoForce® – Straight-Arch-Form



### L'arco copper-nickel-titanio con due diverse zone di forza

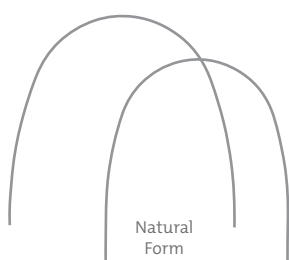
L'arco DuoForce di FORESTADENT unisce due straordinarie caratteristiche. Per la percentuale di rame contenuta nel materiale, le forze che agiscono negli archi DuoForce sono inferiori a quelle degli archi tradizionali in Nickel-Titanio. DuoForce offre inoltre due zone con forze diverse. Ciò consente l'uso degli archi rettangolari già in una fase iniziale del trattamento, a differenza del passato. Il controllo tridimensionale più rapido è quindi possibile.

### The copper-nickel-titanium archwire with two different force zones

The FORESTADENT DuoForce archwires combine two outstanding features. Due to its copper content in the material, the DuoForce exerts lower forces than nickel-titanium archwires. In addition the DuoForce has two different force zones. This allows using rectangular archwires at an earlier treatment stage than usual. This provides quicker and better three-dimensional control of tooth movements.

Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
DuoForce® Archi in forma "Straight-Arch"	277-2035	277-2135		0,35 x 0,64	.014" x .025"	10
	277-1440	277-1540		0,41 x 0,41	.016" x .016"	10
	277-2040	277-2140		0,41 x 0,56	.016" x .022"	10
	277-2440	277-2540		0,41 x 0,64	.016" x .025"	10
DuoForce® archwires in Straight-Arch form	277-2044	277-2144		0,43 x 0,64	.017" x .025"	10
	277-2046	277-2146		0,46 x 0,64	.018" x .025"	10
	277-2048	277-2148		0,48 x 0,64	.019" x .025"	10

## Nanda Braided Copper Nickel-Titanium Natural Form



Gli archi Nanda Braided CuNiTi sono caratterizzati da una minore rigidità, un'elevata elasticità per essere inseriti negli slot con più facilità. Permettono di utilizzare tutte le informazioni del bracket per esprimere completamente il torque. Forze costanti e continue sono garantite per periodi più lunghi con movimenti dentali più rapidi e con minore necessità di sostituzione degli archi.

#### Indicazioni:

- Fasi iniziali, quando c'è affollamento, per allineare e livellare
- Consente il controllo ottimale del torque e facilità di inserimento nello slot
- Rifinitura con gestione e mantenimento del torque

### Archi rettangolari intrecciati braided rectangular arch wires



Nanda Braided CuNiTi wires provide a lower stiffness, remarkable flexibility and easy ligation. They are slotfilling and enable an effective torque control. Near constant clinical forces are maintained for a longer period which results in faster tooth movement with less archwire changes. It comes with the enhanced features found only in copper-nickel-titanium archwires.

#### Indications:

- Initial stages of treatment to unravel, align and level
- Providing torque control and full slot engagement
- Finishing wire to achieve and retain torque

Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
Nanda Braided Copper-Nickel-Titanium	200-2043	200-2143		0,43 x 0,64	.017" x .025"	10
	200-2054	200-2154		0,53 x 0,64	.021" x .025"	10

## Titanol® Low Force



Description	Order No.		Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular	Maxillary	Mandibular				
<b>Titanol Low Force</b> elasticità ridotta del 30 % rispetto al Titanol Superelastic, frizione ridotta fino al 30 %  with 30 % less restoring force than Titanol Superelastic up to 30 % less friction	280-0840	280-0940	–	–		0,40	.016"	10
	280-1440	280-1540	281-1440	281-1540		0,41 x 0,41	.016" x .016"	10
	280-2040	280-2140	281-2040	281-2140		0,41 x 0,56	.016" x .022"	10
	280-2046	280-2146	–	–		0,41 x 0,64	.018" x .025"	10

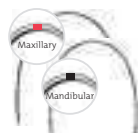
## Titanol® Spee



Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
<b>Archi curva inversa (Spee)</b> realizzati in Titanol	205-0840	205-0940		0,40	.016"	10
	205-0845	205-0945		0,45	.018"	10
<b>Spee-arches</b> made of Titanol wire	205-1440	205-1540		0,41 x 0,41	.016" x .016"	10
	205-2040	205-2140		0,41 x 0,56	.016" x .022"	10
	205-2044	205-2144		0,43 x 0,64	.017" x .025"	10

## Titanol® Superelastic

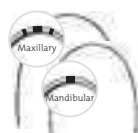
Straight-  
Arch-  
Form



Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
Titanol® Superelastic	204-0830	204-0930	●	0,30	.012"	10
	204-0835	204-0935		0,35	.014"	10
	204-0840	204-0940		0,40	.016"	10
	204-0845	204-0945		0,45	.018"	10
	204-1440	204-1540		■	0,41 x 0,41	.016" x .016"
	204-2040	204-2140	■	0,41 x 0,56	.016" x .022"	10
	204-2043	204-2143		0,43 x 0,56	.017" x .022"	10
	204-2044	204-2144		0,43 x 0,64	.017" x .025"	10
	204-2046	204-2146		0,46 x 0,64	.018" x .025"	10

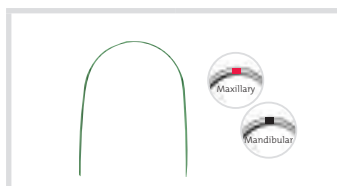
## Titanol® Budget

Straight-  
Arch-  
Form



Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
Archi NT forma Straight-Arch Wires in Straight-Arch form	206-0830	206-0930	●	0,30	.012"	10
	206-0835	206-0935		0,35	.014"	10
	206-0840	206-0940		0,40	.016"	10
	206-0845	206-0945		0,46	.018"	10
	206-0850	206-0950		0,51	.020"	10
	206-1440	206-1540		■	0,41 x 0,41	.016" x .016"
	206-2035	206-2135	■	0,36 x 0,64	.014" x .025"	10
	206-2040	206-2140	■	0,41 x 0,56	.016" x .022"	10
	206-2044	206-2144	■	0,43 x 0,64	.017" x .025"	10
	206-2046	206-2146	■	0,46 x 0,64	.018" x .025"	10
	206-2048	206-2148	■	0,48 x 0,64	.019" x .025"	10
	206-2053	206-2153	■	0,53 x 0,64	.021" x .025"	10







## Archi linguali Titanol® Titanol® lingual archwires



Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
Titanol®	272-0830	272-0930	●	0,30	.012"	10
	272-0835	272-0935		0,35	.014"	10
	272-0840	272-0940		0,40	.016"	10
	272-1440	272-1540	■	0,41 x 0,41	.016" x .016"	10

## Attacchi linguali 2D® – Archi BioLingual® 2D® Lingual brackets – BioLingual® archwires



Size	Profile	Content	 Shape 1	 Shape 2	 Shape 3	 Shape 4	 Shape 5	 Shape 6
.012"	●	10	270-0130	270-0230	270-0330	270-0430	270-0530	270-0630
.014"		10	270-0135	270-0235	270-0335	270-0435	270-0535	270-0635
.016"		10	270-0140	270-0240	270-0340	270-0440	270-0540	270-0640

### Kit assortiti | mix packs

Size	Profile	Order No.	Content			
			Shape 2	Shape 3	Shape 4	Shape 5
.012"	●	270-0030	2	3	3	2
.014"		270-0035	2	3	3	2
.016"		270-0040	2	3	3	2





## Nanda BT3 Intrusion Arch



Gli archi per intrudere devono essere inseriti nei tubi molari e utilizzano le pieghe a V (2 – 3mm) mesiali preattivate a 30° in modo che il filo si possa adattare passivamente sul solco vestibolare. L'attivazione si completa spostando occlusalmente e legandolo alla sezione anteriore dei quattro incisivi. Una forza intrusiva di 40 – 50 gr. agisce sugli incisivi contemporaneamente a quella reciproca ed estrusiva posteriore con un movimento distale coronale sui molari e/o sul segmento posteriore. Questo momento può promuovere la correzione delle classi II testa a testa, portandole verso la classe I.

### Indicazioni:

- Intrusione gruppo anteriore
- Correzione simultanea della Classe II molare
- Flaring anteriore
- Correzione di morsi aperti leggeri (Estrusione Incisivi)
- Correzione del canting occlusale anteriore
- Prevenzione degli effetti della retrazione canina

The intrusion arch is inserted into the molar tubes with the pre-activated 30° V-bends 2 – 3 mm mesial of the molar tubes so that the wire lies passively on the vestibular sulcus. It is activated by bringing the front segment of the intrusion arch level with the incisor brackets where you ligate them with wire on top of the regular archwire or even just attach it to the brackets. An intrusive force of 40 – 50 grams is applied to the incisors while at the same time the molars and / or the buccal segment undergo a reciprocal extrusive force and a distal crown moment. This moment can help in correcting a class II to class I molar relationship.

### Indications:

- Incisor intrusion
- Simultaneous Class II Molar Correction
- Incisor Flaring
- Correction of minor open bite (Incisor extrusion)
- Correction of anterior occlusal cant
- Preventing the side effects associated with canine retraction

Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
Nanda BT3 Intrusion	284-2040	284-2140		0,40 x 0,56	.016" x .022"	3
	284-2043	284-2143		0,43 x 0,64	.017" x .025"	3

## Nanda BT3 Beta Titanium

Sviluppati insieme al Prof. Ravindra Nanda (Connecticut, USA), gli archi NBT3 rappresentano l'ultima generazione dei fili preformati in Beta Titanio. E' il filo perfetto per le fasi intermedie fino alla rifinitura.

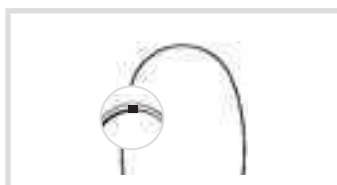
Caratteristiche uniche per risultati ottimali e più veloci:

- Modellazione eccellente, ottimizzata con duttilità aumentata per consentire le pieghe più complesse senza rompersi
- Modulazione elastica ridotta del 60 – 65% rispetto all'acciaio quindi più efficace
- Finitura più liscia della superficie per ridurre la frizione e i tempi della terapia
- Ideali per il trattamento dei pazienti allergici al Nickel

Developed together with Prof. Dr. Ravindra Nanda (Connecticut, USA), NBT3 archwires are the latest generation of Beta Titanium archwires. The perfect wire for mid to finishing stages of treatment.

Outstanding characteristics for better and faster results:

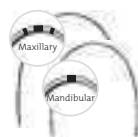
- Superior formability, optimized with increased ductility to enable the most intricate bending without breakage
- Modulus of elasticity 60 – 65% less than stainless steel, provides twice the working range when compared to stainless steel
- Polished wire surface to reduce the treatment time with smoother finish for improved sliding mechanics
- Safe for use on nickel-sensitive patients



Description	Order No.	Profile	ø mm	ø inch	Content
Nanda BT3 Beta Titanium	285-2043		0,43 x 0,64	.017" x .025"	10
	285-2048		0,48 x 0,64	.019" x .025"	10
	285-2053		0,53 x 0,64	.021" x .025"	10

## Betaflex Titanium\*

Straight-  
Arch-  
Form



Description	Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular				
Betaflex Titanium	282-0840	282-0940	●	0,41	.016"	10
	282-0845	282-0945		0,46	.018"	10
	282-2040	282-2140	■	0,41 x 0,56	.016" x .022"	10
	282-2043	282-2143		0,43 x 0,64	.017" x .025"	10
	282-2046	282-2146		0,46 x 0,64	.018" x .025"	10
	282-2048	282-2148		0,48 x 0,64	.019" x .025"	10



Description	Order No.	Profile	ø mm	ø inch	Content
<b>Filo Betaflex* in Titanio – diritto</b> lunghezza 355 mm = 14	220-4055	■	0,41 x 0,56	.016" x .022"	10
Betaflex titanium wires – straight of 355 mm = 14" length	220-4563		0,46 x 0,64	.018" x .025"	10
<b>Filo Betaflex* in Titanio – diritto</b> lunghezza 355 mm = 14, per il "Pendulum Appliance"	220-4081	●	0,8	.032"	10
Betaflex titanium wires – straight of 355 mm = 14" length, for Pendulum appliance					

\*Nickel free

## Archi in acciaio Steel arch wires



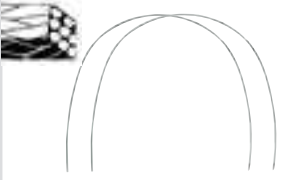
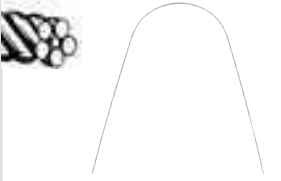

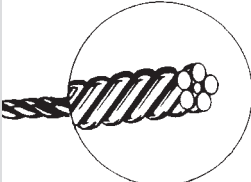


Description	Order No.		Order No.		Profile	ø mm	ø inch	Content
	Maxillary	Mandibular	Maxillary	Mandibular				
Archi in acciaio	202-3940	202-4040	–	–	●	0,41	.016"	10
	202-3945	202-4045	–	–		0,46	.018"	10
Steel arch wires	202-3540	202-3640	201-3540	201-3640	■	0,41 x 0,41	.016" x .016"	10
	202-3740	202-3840	201-3740	201-3840	■	0,41 x 0,56	.016" x .022"	10
	202-3743	202-3843	201-3743	201-3843		0,43 x 0,64	.017" x .025"	10
	202-3745	202-3845	–	–		0,46 x 0,64	.018" x .025"	10
	202-3748	202-3848	201-3748	201-3848		0,48 x 0,64	.019" x .025"	10

## FORESTALLOY



Description	Order No.	Profile	ø mm	ø inch	Content
<b>Fili rettangolari</b> ad alto contenuto di cromo cobalto per la massima resistenza contro le rotture durante le pieghe, lunghezza 355 mm = 14"	222-4040	■	0,41 x 0,41	.016" x .016"	10
<b>Square wires</b> with a higher chromium and cobalt content for less susceptibility to breakage during wire bending, 355 mm = 14" length	232-4400	■	0,41 x 0,56	.016" x .022"	10

# FORESTAFLEX

Description	Content	ø mm	ø inch	Profile	Order No. Maxillary	Order No. Mandibular
<b>Archi Braided forma Ovoide</b> intrecciati a 8 fili  <b>Braided rectangular arch wires,</b> eight in one	10	0,41 x 0,56	.016" x .022"		200-8240	200-8340
<b>Archi Coax forma Standard</b> intrecciati a 6 fili  <b>Braided six-twist wires,</b> preformed	10	0,40	.016"		200-3340	
<b>Archi Braided forma Standard</b> intrecciati a 8 fili  <b>Braided rectangular arch wires,</b> preformed, eight in one	10 10	0,41 x 0,41 0,41 x 0,56	.016" x .016" .016" x .022"		200-2240 200-2355	
<b>Filo intrecciato piatto passivo</b> in rocchetto (Ideale per retainer linguali)  <b>Braided rectangular arch wire</b> on spool (Lingual retainer)	1,5 m	0,26 x 0,74	.010" x .029"		264-1029	
<b>Retainer linguale diretto</b> per applicare un retainer senza setup su modello  <b>Lingual retainer pad</b> for individual fabrication of retainers for direct application without prior fitting on the model	10	-	-		760-0070	
<b>Fili Coax passivi soft</b> intrecciati a 6 fili, si modella e adatta con estrema facilità. Fili diritti da 355 mm / 14"  <b>6-twist braided, soft wire,</b> Especially easy to adapt. Pieces of 355 mm / 14" length	10	ø 0,40 mm	.016 inch		261-4040	
<b>Fili Twist</b> intrecciati a 3 fili. Lunghezza 355 mm = 14"  <b>Twist wires,</b> 355 mm / 14" length	10	0,38	.015"		253-4038	
<b>Fili Coax</b> intrecciato a 6 fili. Lunghezza 355 mm = 14"  <b>Twist wires,</b> 355 mm / 14" length	10	0,40	.016"		263-4040	

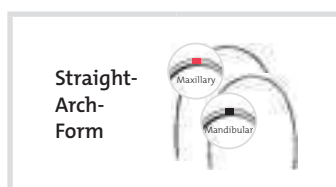
## BioCosmetic®



Description	Order No.		Profile	Force	ø inch	ø mm	Content
	Maxillary	Mandibular					
<b>BioCosmetic®</b> Superelastico, estetico forma Straight-Arch  Superelastic	217-0845	217-0945	●	25 g	.017"	0,43	10
	217-0850	217-0950	●	35 g	.019"	0,48	10
	217-1440	217-1540	■	55 g	.016" x .016"	0,40 x 0,40	10
	217-2040	217-2140	■	90 g	.016" x .022"	0,41 x 0,56	10
	217-2046	217-2146	■	135 g	.018" x .025"	0,46 x 0,64	10

## Titanol® Cosmetic

Estetici colore dente\*  
coated in tooth color\*

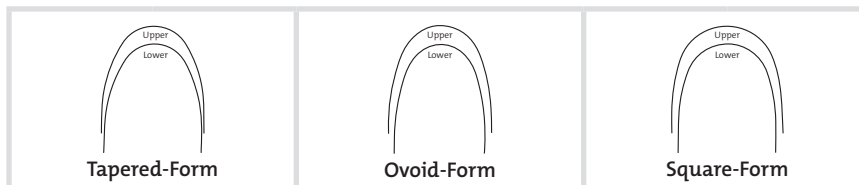


Description	Order No.		Profile	ø inch	ø mm	Content
	Maxillary	Mandibular				
<b>Archi in forma Straight Arch</b> estetici colore dente  <b>Wires in Straight-Arch form</b> coated in tooth color	207-0835	207-0935	●	.014"	0,35	10
	207-0840	207-0940		.016"	0,40	10
	207-0845	207-0945		.018"	0,45	10
	207-0850	207-0950		.020"	0,51	10
	207-1445	207-1545	■	.018" x .018"	0,46 x 0,46	10
	207-2045	207-2145	■	.018" x .024"	0,46 x 0,61	10

\*Spessore del rivestimento .002" | \*coating thickness of .002"

# Archi McLaughlin Bennett 5.0

## McLaughlin Bennett 5.0 arch wires




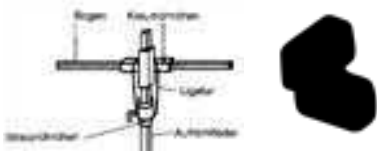





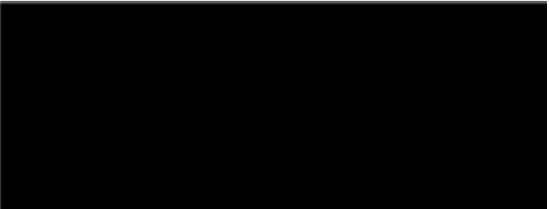
Description	Order No.		Order No.		Order No.		Profile	ø inch
	Maxillary	Mandibular	Maxillary	Mandibular	Maxillary	Mandibular		
McLaughlin Bennett 5.0 Nickel Titanium Heat Activated	208H0835	208H0935	208H1835	208H1935	208H2835	208H2935	●	.014"
	208H0840	208H0940	208H1840	208H1940	208H2840	208H2940		.016"
	208H2040	–	208H3040	208H3140	208H4040	208H4140	■	.016" x .022"
	208H2044	–	208H3044	208H3144	208H4044	208H4144		.017" x .025"
	208H2048	208H2148	208H3048	208H3148	208H4048	208H4148		.019" x .025"

McLaughlin Bennett 5.0 Stainless Steel	202-0835	202-0935	202-1835	202-1935	202-2835	202-2935	●	.014"
	202-0840	202-0940	202-1840	202-1940	202-2840	202-2940		.016"

McLaughlin Bennett 5.0 Stainless Steel Heat Treated	202H0845	202H0945	202H1845	202H1945	202H2845	202H2945	●	.018"
	202H0850	202H0950	202H1850	202H1950	202H2850	202H2950		.020"
	202H2048	202H2148	202H3048	202H3148	202H4048	202H4148	■	.019" x .025"

Description		Order No.
<p><b>Espositore per archi da 8 confezioni,</b> realizzato in plexiglass, per 8 confezioni Forestadent (da 10 archi cad)</p> <p><b>Arch wire holder – 4 trays</b> made of acrylic glass for all arch wires in boxes of 10, for 8 packages</p>		200-0006
<p><b>Espositore da 6 confezioni,</b> realizzato in plexiglass, per 6 confezioni Forestadent (da 10 archi)</p> <p><b>Arch wire holder – 2 trays</b> made of acrylic glass for all arch wires in boxes of 10, for 6 packages</p>		200-0005

## Accessori per fili Accessories

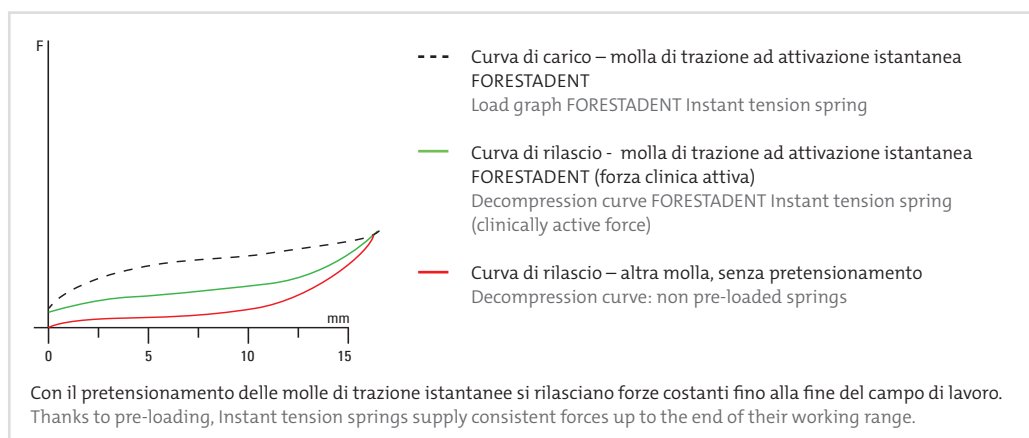
Order No.		Content	Description
Slot .018"	Slot .022"		
307-1060	307-1065		10 Power-Arm
760-0062	760-0063		10 Tubo a croce Cross tube
760-0055	760-0056		10 Gancio chiuso Sliding hook closed
760-0064	760-0065		10 Tubo per stop chiuso Stop tube closed
760-0057	760-0058		10 Gancio aperto Sliding hook slit
760-0066	760-0067		10 Tubo per stop aperto Stop tube slit
760-0071			50 Stop crimpabile aperto Crimpable Stops
760-0030			10 Catenella per disinclusione per trazione di denti inclusi Catching chain for integration of impacted teeth





# TITANOL® Molle per trazione e compressione

## TITANOL® Tension and compression springs

La molla di trazione ad attivazione istantanea Forestadent è pre-attivata, quindi rilascia una forza costante per qualsiasi tipo di attivazione, mentre nelle molle non pretensionate la forza si annulla progressivamente.

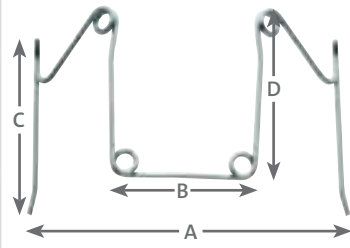
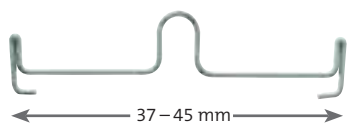
The Instant Tension Spring by FORESTADENT is pre-loaded. This means, the clinically effective force remains unchanged until the end of its working range, while the force level of non pre-loaded springs drops to zero.



Description	Content	Force	Length		Order No.
<b>Molla Chiusa</b> per trazione Instant tension spring	10	80 g extra light	8 mm		311-1026
		125 g light	8 mm		311-1027
		175 g medium	8 mm		311-1028
		125 g light	12 mm		311-1030
		125 g light	18 mm		311-1031
<b>Molla Aperta</b> per espansione Compression spring	10	175 g medium	14 mm		311-2001
<b>Molla per distalizzazione</b> si blocca nel punto in cui è tagliata.  Distalizing spring, stops automatically occur when cut.	3	110 g	180 mm		311-2020
<b>Molla di trazione per classi II</b> Tension spring class II	10	175 g	18 mm		311-1029

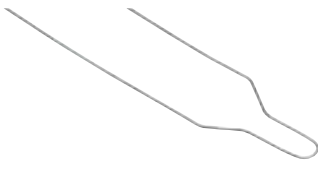








## Quad Helix, barre palatali e accessori

### Preformed springs

Order No.		∅ mm	Size	Width	Content	Description
315-1001		0,90	A = 50,00 mm B = 15,29 mm C = 30,00 mm D = 20,60 mm	–	10	Quad Helix
315-1002		0,90	A = 50,00 mm B = 16,71 mm C = 30,00 mm D = 22,47 mm	–	10	
315-1003		0,90	A = 50,00 mm B = 18,78 mm C = 30,00 mm D = 25,00 mm	–	10	
313-1937		0,90		37 mm	10	<b>Barre palatali con Omega distale</b> secondo Goshgarian  <b>Palatal Bar</b> according to Goshgarian
313-1941		0,90		41 mm	10	
313-1945		0,90		45 mm	10	

# Legature preformate

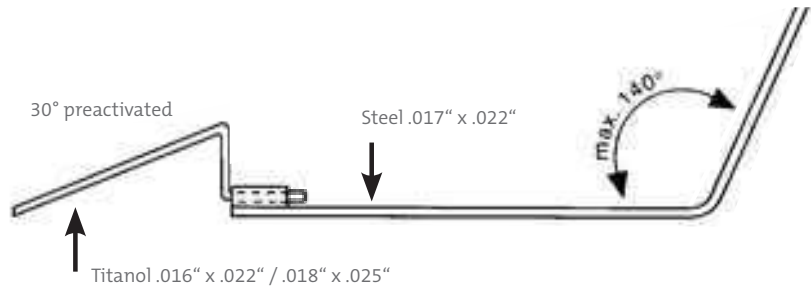
## Ligature wires

Description	Content	ø mm	ø inch		Order No.
<b>Legature preformate lunghe</b> Preformed ligature wire	1.000	0,20	.008"		312-1001
	1.000	0,25	.010"		312-1002
	100	0,35	.014"	 <p>Utilizzabile come Power Hook   Can be used as a power hook</p>	312-1006
	100	0,30	.012"	 <p>estetiche colore avorio   tooth color coated</p>	312-1010
<b>Legature preformate corte</b> tipo Dr. C. Sander  Preformed ligature ties, acc. to Dr. C. Sander	1.000	0,25	.010"		312-1004
<b>Legature preformate corte</b> tipo Dr. Hinz  Preformed ligature ties, acc. to Dr. Hinz, soft	1.000	0,25	.010"		312-1005
	100	0,30	.012"	 <p>estetiche colore avorio   tooth color coated</p>	312-1009
<b>Legature preformate corte,</b> utilizzabile come Power Hook  Preformed ligature ties, suitable as Power Hook, soft	100	0,35	.014"		312-1007
	100	0,35	.014"		312-1008
	100	0,35	.014"	 <p>estetiche colore avorio   tooth color coated</p>	312-1011

# Molla Memory Titanol® per l'uprighting dei molari\* (2ª Generazione) Memory Titanol® Spring for molar uprighting\* (2nd Generation)

Flexible system for mesialization, intrusion or extrusion of molars.

\*acc. to Prof. Dr. F. G. Sander

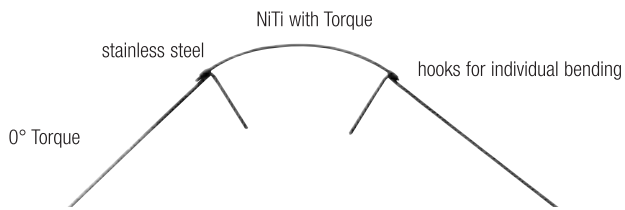


A seconda dell'attivazione della molla, oltre all'allineamento dei molari, agisce una componente di forza intrusiva o estrusiva.

Depending on the activation of the spring the appliance can achieve additional intrusive or extrusive moments.

Order No.		Content	Description
Slot .018"	Slot .022"		
307-1010	307-1012	10	<b>Molla per uprighting dei molari</b> Uprighting spring
307-1011	307-1013	10 + 10	<b>Kit molla per uprighting + tubo a croce</b> Set with cross tube
307-1009		10	<b>Molla di uprighting</b> per slot aux dei brackets Quick – (.016" x .016" – Rigido ad elevata resilienza) <b>Molar uprighting spring</b> (.016" x .016" – Stiff), highly resilient, for the auxilliary slot of the Quick brackets
760-0062	760-0063	10	<b>Tubo a croce</b> Cross tube

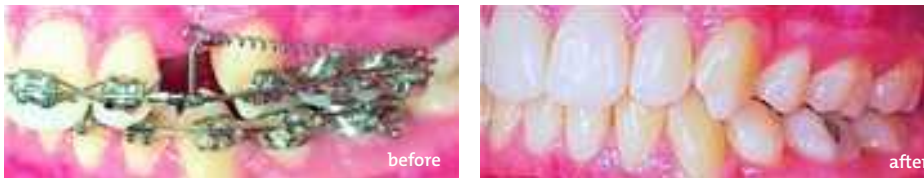
## Arco di Retrazione con torque\* Retraction and torque arch\*




\*acc. to Prof. Dr. F. G. Sander

L'arco di retrazione con torque è particolarmente indicato per la retrazione esprimendo torque negli incisivi.

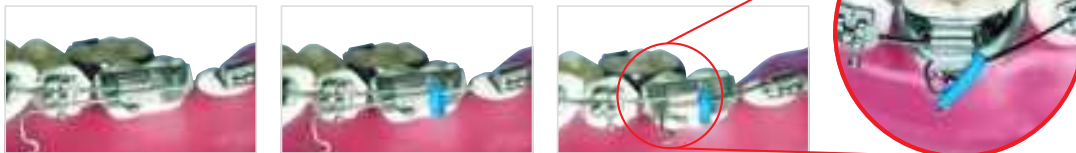
The retraction and torque arch wire is used for bodily retraction and torquing of anterior teeth.



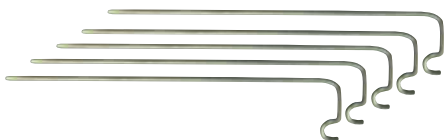
Content	Technique	Dimensions				Order No.
		Anterior Segment	Torque	Lateral Segment		
1	.018"	.016" x .022"	30°	.017" x .022"	Maxillary	210-3040
1	.018"	.016" x .022"	45°	.017" x .022"	Maxillary	210-2040
1	.018"	.016" x .022"	30°	.017" x .022"	Mandibular	210-2140
1	.022"	.017" x .025"	30°	.017" x .022"	Maxillary	210-2044
1	.022"	.017" x .025"	30°	.017" x .022"	Mandibular	210-2144
1	.022"	.018" x .025"	45°	.017" x .022"	Maxillary	210-2046
10	12 mm	Molla Chiusa Titanol con occhielli			311-1030	
	8 mm	Titanol Instant tension spring			311-1031	

## Molla di Correzione dei Molari\* Molar Correction Spring\*

Utilizzo | Insertion



\*acc. to Prof. Dr. F. G. Sander

Description	Content		Order No.
Molla per correzione molare (.016" x .022") Molar correction spring (.016" x .022")	5		307-1015












## Materiale elastico e accessori extraorali Intraoral | Extraoral



# Legature elastiche

## Ligature elastics













\*senza lattice | latex-free

Order No.		Colour	Content	Description
659-0008		blu blue	1 Pack (= 1.000 Elastics)	<b>Legature Happy Elastics*</b> "chiave" (50 stick x 20pz)  Happy elastics* on key ring (50x20)
659-0009		rosso red		
659-0011		verde green		
659-0012		grigio grey		
659-0013		argento silver		
659-0014		nero black		
659-0015		rosa rose		
659-0016		blu elettrico marine-blue		
659-0017		fucsia pink		
659-0021		trasparente clear		
659-0201		argento silver	1 Pack (= 1.008 Elastics)	<b>Legature elastiche*</b> , Mini, ideali per attacchi piccoli tipo Micro Sprint® Brackets (40 stick x 24pz)  <b>Elastic ligatures*</b> , small version, ideal for Micro Sprint® Brackets (144x7)

# Legature elastiche

## Ligature elastics

\*senza lattice | latex-free

Description	Content	Colour		Order No.
<b>Legature Happy Elastics*</b> "freccia" (100 stick x 10pz)  <b>Happy elastics*</b> on arrow ties (100x10)	1 Pack (= 1.000 Elastics)	grigio grey		659-0100
		nero black		659-0101
		argento silver		659-0102
		rosso red		659-0103
		rosa rose		659-0106
		fucsia pink		659-0107
		blu blue		659-0108
		blu elettrico marine-blue		659-0109
		verde green		659-0111
		trasparente clear		659-0112
<b>Happy Elastics* Confezione Mix</b> su stick "freccia" 100pz ciascun colore: grigio, nero, argento, rosso, rosa, fucsia, blu, blu elettrico, verde e trasparente  <b>Happy Elastics* Mixed Colours</b> on arrow ties; each 100x grey, black, silver, red, rose, pink, blue, marine-blue, green and clear	1 Set (= 1.000 Elastics)			659-0116
<b>Happy Elastics* Assortimento</b> su stick "freccia" 600pz cad. per: verde, fuc- sia, blu elettrico + 800pz cad. per: rosa, rosso, nero, blu royale + 1.000pz cad. per: grigio + 1.200pz trasparente + 1.800pz argento  <b>Happy Elastics* Mixed Box</b> on Happy Elastics arrow ties: each 600x pink, green and marine-blue + each 800x rose, red, black and blue + 1.000x grey + 1.200x clear + 1.800x silver	1 Box (= 9.000 Elastics)			659-0114

## Catenelle elastiche e accessori

### Elastic chains



Order No.		Colour	Content	Description
655-0002 small		trasparente clear	1 Rocchetto 1,5 m  1 spool 1,5 m	<b>Catenella elastica</b> Happy elastics chains on spool
655-0001 medium		trasparente clear	1 Rocchetto 1,5 m  1 spool 1,5 m	
655-0003 wide		trasparente clear	1 Rocchetto 1,5 m  1 spool 1,5 m	
655-0010 extra wide		trasparente clear	1 Rocchetto 1,5 m  1 spool 1,5 m	
655-0015		trasparente clear	1 Rocchetto 1,5 m  1 spool 1,5 m	

## Accessori Accessories

Description	Content		Order No.
Cunei di Rotazione	100		659-0001
Separatori Elastici pretagliati ø 2,1 mm, senza lattice Separators ø 2,1 mm, latex-free	1.000		657-0002
Pinzetta per legature elastiche Ligature forceps	1		501-0869
Strumento "Twirl-on" per legature elastiche Twirl-on instrument	1		501-0838
Posizionatori per elastici intraorali Orthodontic wrench to attach and remove Fruit-Line elastics	100		652-0002-100

## Elastici Intraorali Elastic Fruit-Line

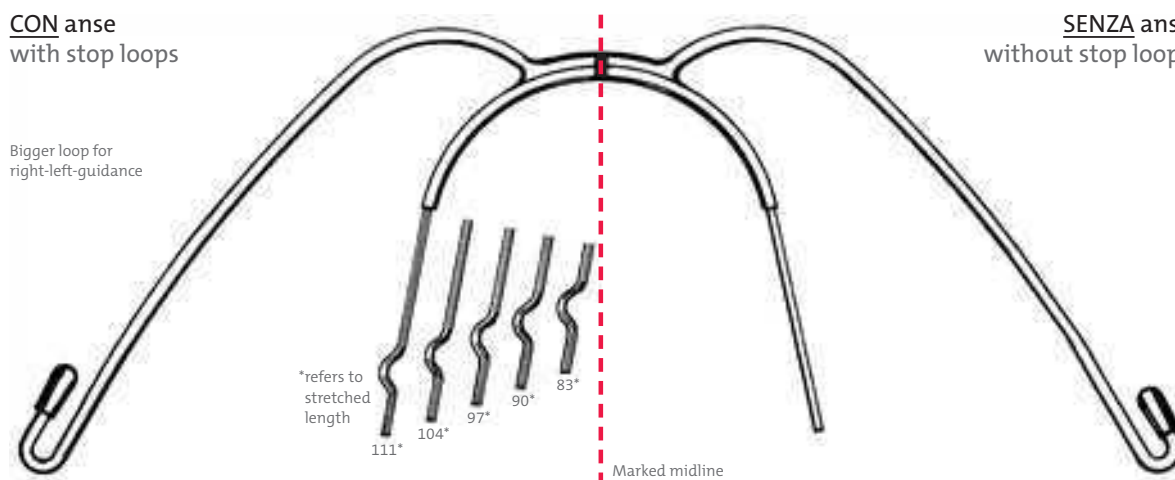
LATEX Elastics	NON-LATEX Elastics		Content	inner dia. mm	inch	Description
650-1006	650-4006			3,2	1/8	<b>60 g = 2 oz.</b> leggera   light
650-1001	650-4001			4,8	3/16	
650-1002	650-4002			6,3	1/4	
650-1003	650-4003			7,9	5/16	
650-1016	650-4016		1 Confezione = 1.000 Elastics (10x 100 Pezzi)	3,2	1/8	<b>115 g = 4 oz.</b> media   medium
650-1011	650-4011			4,8	3/16	
650-1012	650-4012			6,3	1/4	
650-1013	650-4013			7,9	5/16	
650-1026	650-4026		1 Pack = 1.000 Elastics (10x 100 pieces)	3,2	1/8	<b>170 g = 6 oz.</b> forte   heavy
650-1021	650-4021			4,8	3/16	
650-1022	650-4022			6,3	1/4	
650-1023	650-4023			7,9	5/16	

# Archi Extraorali Laser-Facebow

**CON** anse  
with stop loops

**SENZA** anse  
without stop loops

Bigger loop for  
right-left-guidance



## SENZA anse | without stop loops

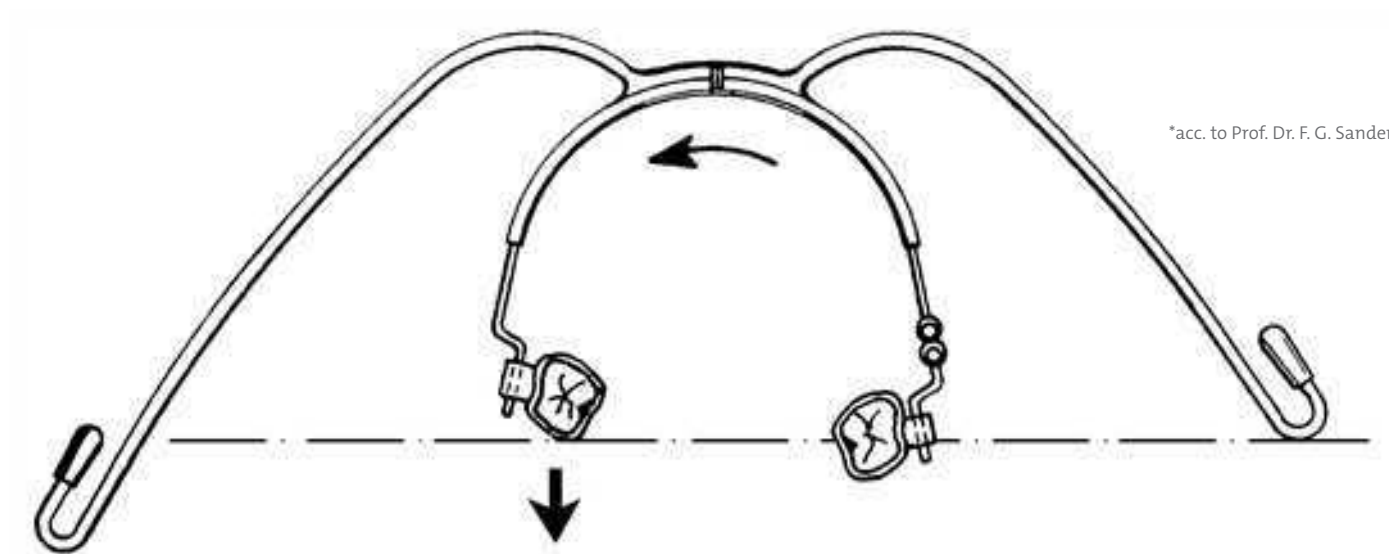
Serie	Cuspid hooks	Plastic cap	Inner arch stretched length [mm]	Inner arch height total [mm]		Order No.
Standard	without		142 mm	58 mm		601-1020
	with					601-2020
Mini	without					601-1320

## CON anse | with stop loops

Serie	Cuspid hooks	Inner arch stretched length [mm]	Inner arch length between stop loops [mm]	Inner arch height including stop loops [mm]	stop loops length x height [mm]	Length head gear connector [mm]	Plastic cap	Order No.
Standard	without	83 mm	52 mm	52 mm	11,0 x 6,5 mm	4,5 mm		601-3021
	without	90 mm	59 mm	59 mm				601-3022
	without	97 mm	66 mm	66 mm				601-3023
	without	104 mm	73 mm	73 mm				601-3024
	without	111 mm	80 mm	80 mm				601-3025
Mini	without	90 mm	59 mm	59 mm				601-3322
	without	97 mm	66 mm	66 mm				601-3323

## Accessori per archi extraorali e tubi di attivazione\*

### Facebow-hinge and activator tube\*






#### Realizzazione e utilizzo dell'arco extraorale asimmetrico

La cerniera viene fissata sull'ansa interna del lato da non distalizzare mentre l'arco esterno (stesso lato) viene accorciato al primo molare. L'arco esterno della zona da distalizzare rimane della lunghezza originale. E' necessario considerare che il molare potrebbe ruotare in direzione palatale durante la distalizzazione.

#### Function and construction of the asymmetrical facebow

The hinge is fitted to the inner bow of the side not to be distalized and the outer bow on this side is shortened to the position in line with the first molar. The outer bow of the side to be distalized remains in the original length. It should be remembered that during distal movement the molar could rotate in a palatal direction.





Order No.		ø mm	ø inch	Content	Description
760-0060		1,15	.045	10	<b>Tubi di attivazione</b>
760-0061		1,15	.045	10	Activator tube
615-0003		1,15	.045	10	<b>Cerniera</b> per archi extraorali asimmetrici <b>Facebow hinge</b> for the asymmetrical Facebow

## Trazione Cervicale Bio-Low-Cervical-Pull

La molla superelastica della fascia cervicale bassa garantisce forze costanti asimmetriche sui molari da distalizzare.  
I ganci con sgancio di sicurezza evitano lesioni.

Elastic springs incorporated into the low cervical pull allow equal asymmetrical continuous forces onto the molars to be distalised.  
The safety stops prevent injuries.







Description	Colour		Order No.
<p><b>Set completo</b> composta da: trazione cervicale completa (fascia, ganci, bottoni di sicurezza) e arco facciale 601-102</p> <p>Set consisting of: Foam pad, traction band, coupling button, coupling spring, facebow 601-1020</p>	<p>blu</p> <p>blue</p>		603-0106
<p><b>Trazione cervicale completa</b> senza arco facciale</p> <p><b>Complete set</b> without facebow</p>	<p>blu</p> <p>blue</p>		603-0104
<p><b>Bottoni regolabili e ganci di sicurezza</b></p> <p>10 Coupling buttons and 10 coupling springs</p>	10 + 10		611-1013
<p><b>Ganci di sicurezza</b></p> <p>10 Coupling springs</p>	10		611-1010

## Bio-High-Pull



Con queste molle innovative si esprime una forza costante di circa 450 gr (per lato); questo riduce i tempi di trattamento, aumentando il comfort del paziente.

Through the use of most modern springs a continuous force of about 450 g per spring is exerted and thus reduces treatment time and improves patient comfort.

Order No.		Description
606-0240		<p><b>Trazione completa</b> composto da: trazione alta con molle, Bottoni di chiusura, ganci di sicurezza e arco extraorale 601-1020</p> <p>Set consisting of: High-Pull with traction springs, 2 coupling buttons, 2 coupling springs, facebow 601-1320</p>
611-0240		<p><b>Trazione completa</b> senza arco facciale</p> <p>Complete set without facebow</p>
611-1013		<p><b>10 Bottoni di regolazione e 10 ganci di sicurezza</b></p> <p>10 Coupling buttons and 10 coupling springs</p>
611-1010		<p><b>10 Ganci di sicurezza</b></p> <p>10 Coupling springs</p>

## Low-Cervical-Pull\*

### Facebow speciale –

Le asimmetrie e le forze sono bilanciate dallo scorrimento della fascia cervicale.

### Precision facebow –

Asymmetries and force are balanced by the sliding cervical band.



\*acc. to Prof. Dr. F. G. Sander

Description		Order No.
<p><b>Kit composto da:</b> 1 trazione cervicale, 1 arco extraorale completo di Mobil-Stop</p> <p>Set containing: Low-Cervical-Pull, 1 facebow with spring balances and Mobil-Stop</p>		603-0103
<p><b>Trazione cervicale</b></p> <p>Sliding Low-Cervical-Pull</p>		613-0001
<p><b>Arco extraorale</b> preparato per la molla asimmetrica</p> <p>Facebow prepared for spring balances</p>		603-5020
<p><b>2 Molle di bilanciamento</b></p> <p>1 Pair of spring balances</p>		611-1001
<p><b>10 Bottoni di regolazione e 10 ganci di sicurezza</b></p> <p>10 Coupling buttons and 10 coupling springs</p>		611-1013
<p><b>10 Ganci di sicurezza</b></p> <p>10 Coupling springs</p>		611-1010

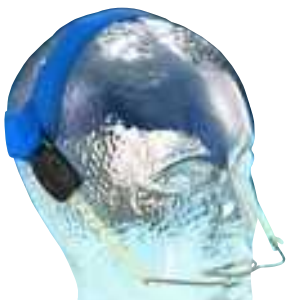
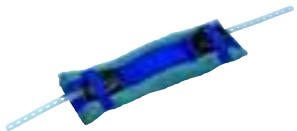



## Cuffie e fasce cervicali

### Traction bands



Cuffia –  
con dinamometri

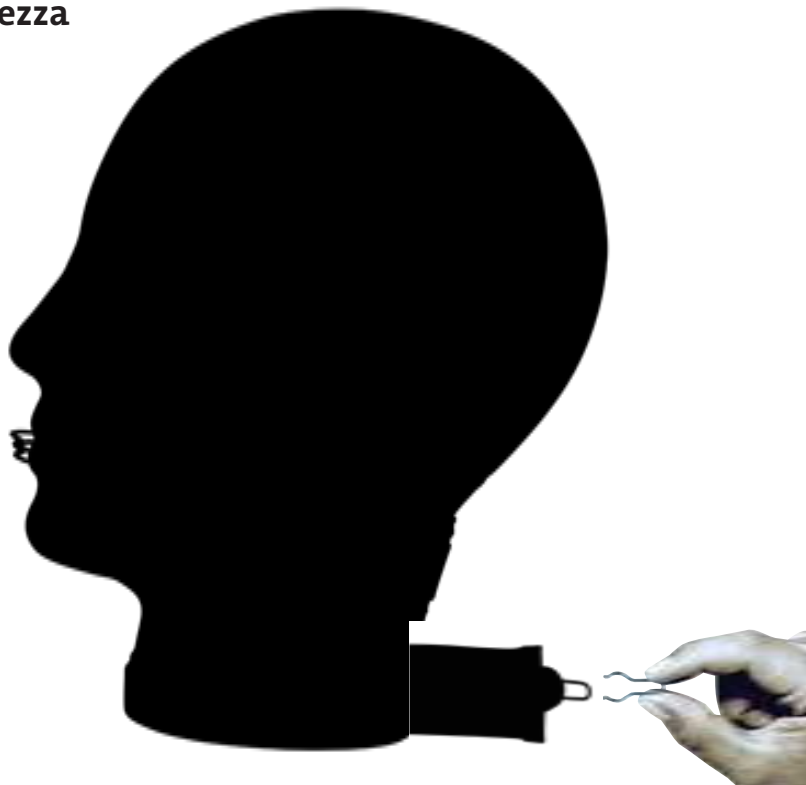
High-Pull –  
with coupling

Order No.		Colour	Content	Description
611-0042		blu elettrico royalblue	1	Cuffia con dinamometri High-Pull with coupling
613-0010		jeans blu elettrico jeans-royalblue	1	Fascia cervicale completa con dinamometri e sistema di sicurezza
613-0012		blu blue	1	Cervical traction band with coupling
613-0009			10	Dinamometri con sistema di sicurezza Coupling loose + coupling springs
604-0002			1	Maschera facciale Reverse face crib

## Fasce cervicali con sistema di sicurezza Safe-Facebow-System

Safe-Facebow-System –  
con sistema di sicurezza

Safe-Facebow-System –  
with elasticated traction bnd



Description	Content		Order No.
<b>Arco extraorale completo</b> con sistema di sicurezza, arco facciale 601-1020 e fascia nucale  <b>Safe-Facebow-System complete,</b> consisting of facebow 601-1020, cervical traction band, coupling spring and foam pad	1		606-0130
<b>Trazione completa</b> (senza arco extraorale)  Set consisting of cervical traction band, coupling spring and foam pad	1		611-0025
<b>Fasce cervicali morbide</b>  Foam pads for traction bands	10		613-0001
<b>Trazioni elastiche</b>  Traction bands	10		612-0003
<b>Ganci di chiusura</b>  Coupling springs	5		611-1009

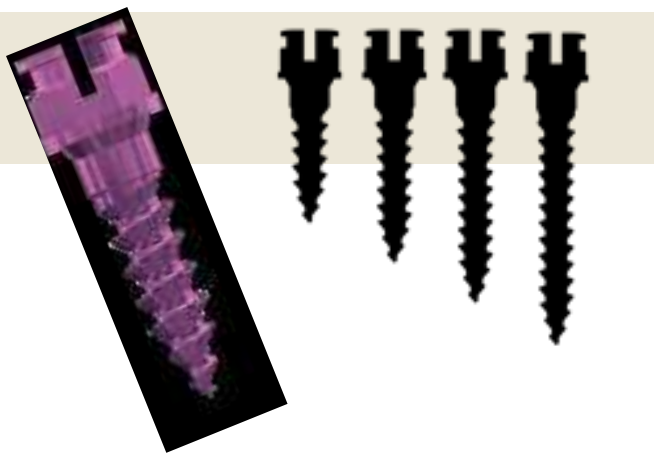


## Ancoraggio scheletrico Skeletal anchorage



## OrthoEasy® Pins – L'ancoraggio scheletrico semplificato

### OrthoEasy® Pins – Skeletal anchorage made easy



Le miniviti ortodontiche OrthoEasy® sono autoforanti e autoflettanti e hanno lunghezze riconoscibili dal codice colore per un'identificazione rapida. Le miniviti OrthoEasy® sono caratterizzate dalla testa con sottosquadro e doppio slot .022x025", con gli angoli smussati, consentono l'utilizzo di fili fino a .019x025".

- » Testa con design a slot (dimensione .022x025")
- » Con sottosquadro per ritenzione
- » Ideale per utilizzare filo diritto (fino a .019x025")
- » Diametro corpo: 1,7 mm
- » Disponibili in lunghezze: 6, 8, 10 e 12 mm
- » Non sterile

The OrthoEasy® pins come with a self-tapping and self-drilling thread and color-coded lengths for quick identification. The vestibular OrthoEasy® mini implants employ a bracket design screw head with a cross slot .022" x .025" and a rounding on the inside, allowing the use of wire sizes up to .019" x .025".

- » Head in bracket design"
- » With cross slot .022" x .025"
- » For coupling with wire elements (Thread up to .019" x .025")
- » Thread diameter 1.7 mm
- » Available in lengths of 6, 8, 10 and 12 mm
- » Non-sterile

## OrthoEasy® Pal – La soluzione migliore per l'ancoraggio palatale

### OrthoEasy® Pal – The clever supplement for palatal anchorage



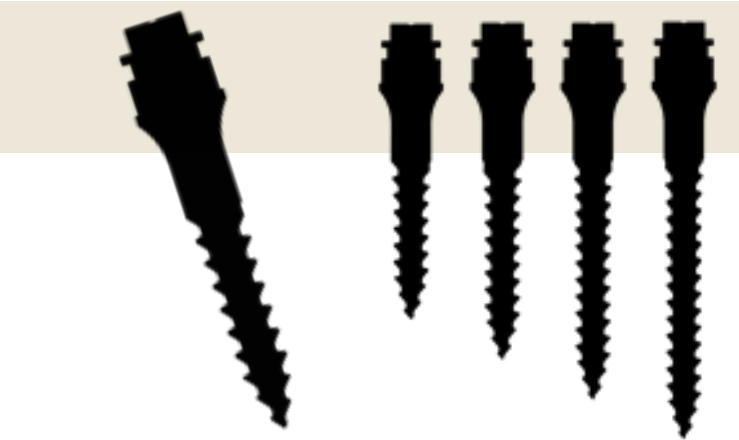
Il sistema OrthoEasy® si completa con le nuove miniviti. "Pal" significa palatale, poiché queste viti sono state ideate specificatamente per l'utilizzo di apparecchiature ortodontiche nel palato. La testa delle nuove OrthoEasy® Pal ha un foro filettato che facilita l'inserimento e il blocco dell'abutment semplicemente con una vite di serraggio. L'analogo da laboratorio e il cappuccio per impronta rendono il lavoro del tecnico molto più facile e preciso per realizzare un'apparecchiatura perfetta.

- » Testa con filettatura interna per unire abutment OrthoEasy® Pal
- » Per utilizzare varie apparecchiature realizzate in laboratorio
- » Diametro corpo: 1,7 mm
- » Disponibili in lunghezze: 8, 10, 12 e 14 mm

The OrthoEasy® System is complemented by OrthoEasy® Pal. Pal stands for palatal, as the pin was developed specifically for the anchorage of orthodontic appliances in the palate. Now appliances for palatal expansion and distalization or mesialization can be attached quicker and easier. The head of the OrthoEasy® Pal is equipped with a practical inner thread so that the abutments can simply be attached with a retaining screw.

- » Head with internal thread
- » For fitting of appliances with OrthoEasy® Pal abutments
- » Diameter 1.7 mm
- » Available in lengths of 8, 10, 12 and 14 mm

### OrthoEasy® Pal Long Neck Ø 1.7

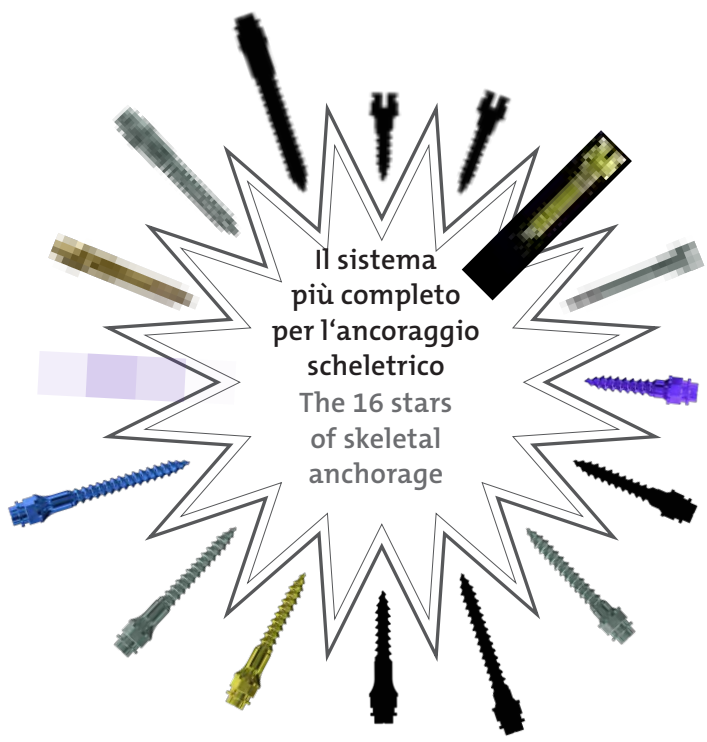


- » Caratteristiche come le miniviti Pal con segmento transgingivale lungo
- » Diametro corpo: 1,7 mm
- » Disponibili in lunghezze: 8, 10, 12 e 14 mm
- » With long transgingival segment
- » Head with internal thread
- » For fitting of appliances with OrthoEasy® Pal abutments
- » Diameter 1.7 mm
- » Available in lengths of 8, 10, 12 and 14 mm




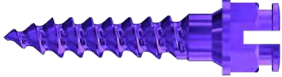




### OrthoEasy® Pal Long Neck Ø 2.3




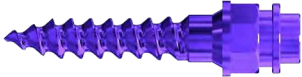





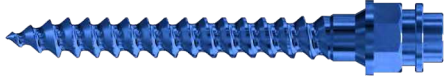
- » Caratteristiche come le miniviti Pal con segmento transgingivale lungo
- » Diametro corpo: 2,3 mm
- » Disponibili in lunghezze: 8, 10, 12 e 14 mm
- » With long transgingival segment
- » Head with internal thread
- » For fitting of appliances with OrthoEasy® Pal abutments
- » Diameter 2.3 mm
- » Available in lengths of 8, 10, 12 and 14 mm





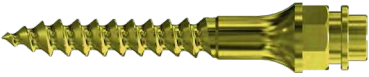



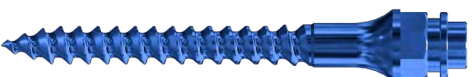

## OrthoEasy® Pins $\varnothing$ 1.7 mm

Order No.	Description	Thread length	Thread	Slot	Content	OrthoEasy® Pin	
1101A2306	Rosé Rosé	6 mm	$\varnothing$ 1.7 mm	Slot .022"	5		
1101A2308	Rosa Pink	8 mm	$\varnothing$ 1.7 mm	Slot .022"	5		
1101A2310	Oro Gold	10 mm	$\varnothing$ 1.7 mm	Slot .022"	5		
1101A2312	Argento Silver	12 mm	$\varnothing$ 1.7 mm	Slot .022"	5		







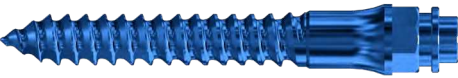

## OrthoEasy® Pals $\varnothing$ 1.7 mm

Order No.	Description	Thread length	Thread	Slot	Content	OrthoEasy® Pal	
1201A2308	Rosa Pink	8 mm	$\varnothing$ 1.7 mm	–	5		
1201A2310	Oro Gold	10 mm	$\varnothing$ 1.7 mm	–	5		
1201A2312	Argento Silver	12 mm	$\varnothing$ 1.7 mm	–	5		
1201A2314	Blu Blue	14 mm	$\varnothing$ 1.7 mm	–	5		

OrthoEasy® Pals Long Neck  $\varnothing$  1.7 mm













	OrthoEasy® Pal	Content	Slot	Thread	Thread length	Description	Order No.
		5	–	$\varnothing$ 1.7 mm	8 mm	Rosa Pink	1221A1708
		5	–	$\varnothing$ 1.7 mm	10 mm	Oro Gold	1221A1710
		5	–	$\varnothing$ 1.7 mm	12 mm	Argento Silver	1221A1712
		5	–	$\varnothing$ 1.7 mm	14 mm	Blu Blue	1221A1714

OrthoEasy® Pals Long Neck  $\varnothing$  2.3 mm

	OrthoEasy® Pal	Content	Slot	Thread	Thread length	Description	Order No.
		5	–	$\varnothing$ 2.3mm	8 mm	Rosa Pink	1221A2308
		5	–	$\varnothing$ 2.3mm	10 mm	Oro Gold	1221A2310
		5	–	$\varnothing$ 2.3mm	12 mm	Argento Silver	1221A2312
		5	–	$\varnothing$ 2.3mm	14 mm	Blu Blue	1221A2314

# OrthoEasy® Pal Abutment disponibili

## OrthoEasy® Pal Abutments

Order No.		Description	Content	OrthoEasy® Pal
1299-1015		<p><b>OrthoEasy® Pal Abutment con gancio e fessura</b>            Profilo alto con blocco di rotazione            Per l'utilizzo di elementi quali molle o catenelle elastiche            Slot rettangolare Ø .022" x .028" e gancio</p> <p><b>OrthoEasy® Pal Abutment, with hook + slot</b>            High profile with rotation lock            With hook and slot .022" x .028"            Suitable for up to two elastics</p>	10	
1299-1016		<p><b>OrthoEasy® Pal Abutment con tubo tondo</b>            Profilo alto senza blocco di rotazione            Slot tondo Ø 1,5 mm, Maggiore semplicità di saldare espansori palatali, Frog II o sistemi slider</p> <p><b>OrthoEasy® Pal Abutment, with round tube</b>            High profile without rotation lock            With tube Ø 1.5 mm            For easy adaption of appliances such as e.g. RPE, Frog II</p>	10	
1299-1004		<p><b>OrthoEasy® Pal Abutment appartamento</b>            Profilo basso senza blocco di rotazione            Per saldatura di apparecchi</p> <p><b>OrthoEasy® Pal Abutment flat</b>            Flat profile without rotation lock            For welding</p>	10	
1299-1014		<p><b>OrthoEasy® Pal Abutment alto</b>            Profilo alto con blocco di rotazione            Per saldatura più robusta di apparecchi</p> <p><b>OrthoEasy® Pal Abutment high</b>            High profile with rotation lock            For welding</p>	10	
1299-1018		<p><b>OrthoEasy® Pal Abutment alto</b>            Profilo alto senza blocco di rotazione            Per saldatura più robusta e facilitata di apparecchi</p> <p><b>OrthoEasy® Pal Abutment high</b>            High profile, without rotation lock            For welding</p>	10	
1299-1019		<p><b>OrthoEasy® Pal Abutment alto Easy Mount</b>            Profilo alto senza blocco di rotazione – saldatura robusta nel sottosquadro, Abutment con un inserimento più agevole delle apparecchi a supporto osseo più consistente</p> <p><b>OrthoEasy® Pal Abutment high Easy Mount, with cut-out</b>            High profile without rotation lock            with cut-out for lateral fitting of abutment            For welding</p>	10	

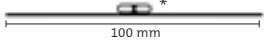

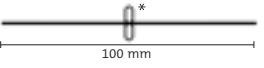

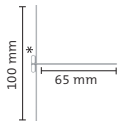









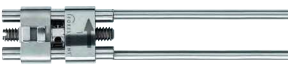








## OrthoEasy® - Accessori indispensabili

### Basic products


















OrthoEasy® Pal	OrthoEasy®	Content	Description		Order No.
-		1	<b>OrthoEasy® Pal Inserto corto 10 mm per cacciavite</b> (si usa con 1199-0002) OrthoEasy® Octagonal blade short 10 mm		1199-0006
-		1	<b>OrthoEasy® Pal Inserto lungo 45 mm per cacciavite</b> (si usa con 1199-0002) OrthoEasy® Octagonal blade 45 mm		1199-0015
		1	<b>OrthoEasy® Pal Inserto corto 5 mm per contrangolo</b> OrthoEasy® Octagonal blade 5 mm		1199-0007
		1	<b>OrthoEasy® Pal Inserto corto 10 mm per contrangolo</b> OrthoEasy® Octagonal blade 10 mm		1199-0008
	-	10	<b>Inserto per Accuguide®</b> (si utilizza con la dima) Accuguide® Blade (for insertion guides)		1300-0002-010
-		1	<b>OrthoEasy® Manico cacciavite</b> (si usa con 1199-0006, 1199-0015) OrthoEasy® handle for screw driver		1199-0002
	-	1	<b>OrthoEasy® Pal Analogo da laboratorio</b> per la preparazione dell'apparecchiatura in laboratorio OrthoEasy® Pal lab analog for the preparation of the appliance in the laboratory		1299-1001
	-	10	<b>OrthoEasy® Pal Viti di serraggio</b> si avvitano con 1299-1006 OrthoEasy® Pal fixation screw only to be used with 1299-1006		1299-1003
	-	1	<b>Inserto per viti di serraggio OrthoEasy® Pal,</b> si usa soltanto con contrangolo a controllo di torque (max 10 Ncm) o in alternativa con 1299-0007 Blade for OrthoEasy® Pal fixation screw for contra-angle handpieces with torque control (Torque 10 Ncm) or alternatively: 1299-0007		1299-1006
	-	10	<b>OrthoEasy® Pal Viti di serraggio</b> si avvitano con 1299-1006 OrthoEasy® Pal impression cap for conventional impression taking (silicone, alginate)		1299-1005

## Accessori Accessories

Order No.		Description	Content	OrthoEasy®	OrthoEasy® Pal
1299-0100		<b>Plate di fissaggio parallelo (ø 1,1 mm)*</b> per la mesializzazione o la distalizzazione dei molari del mascellare superiore  Fixation plate with parallel wire (ø 1.1 mm)* for appliances for mesialization or distalization of molars in the upper jaw	1	–	
1299-0101		<b>Plate di fissaggio angolato a destra (ø 1,1 mm)*</b> per la mesializzazione o la distalizzazione dei molari del mascellare superiore  Fixation plate with orthogonal wire (ø 1.1 mm)* for appliances for mesialization or distalization of molars in the upper jaw	1	–	
1299-0102		<b>Plate di fissaggio a forma "T" (ø 1,1 mm)*</b> per la mesializzazione o la distalizzazione dei molari del mascellare superiore  Fixation plate with wire in T-shape (ø 1.1 mm)* for appliances for mesialization or distalization of molars in the upper jaw	1	–	
322-0110		<b>SmartJet™ Tube, slider distale-mesiale</b> per la mesializzazione o la distalizzazione dei molari superiori  SmartJet™ Tube, distal-mesial slider for appliances for mesialization or distalization of molars in the upper jaw	1	–	
322-0120		<b>SmartJet™ Cacciavite da laboratorio</b>  SmartJet™ laboratory screwdriver	1	–	
322-0121		<b>SmartJet™ Inserto da contrangolo</b>  SmartJet™ blade for torque screwdriver	1	–	
1299-0007		<b>SmartDrive dinamometrico con controllo del torque, 10 Ncm (si usa con 1299-1006, 322-0121)</b>  SmartDrive Torque Attachment with torque control (for 1299-1006, 322-0121), limited to 10 Ncm	1	–	
A167D1639		<b>Vite "Frog II" per realizzare un distalizzatore</b>  Distal screw for Frog II appliance	1	–	
100-0009		<b>Chiave per attivazioni (si usa es. con A167D1639)</b>  Safety Key	1	–	
307-1012		<b>Molle Memory Titanol</b> per uprighting molare	10		–
307-1010		Memory Titanol-spring for molar uprighting			
307-1060		<b>Power-Arm .018"</b>	10		–
307-1065		<b>Power-Arm .022"</b>			

\*Lunghezza elemento di fissaggio: 13,5mm | length fixation element 13.5 mm

## Accessori indispensabili Optional products

Order No.		Description	Content	OrthoEasy®	OrthoEasy® Pal
1199-0000		<p>OrthoEasy® Box contenitore (vuoto) per miniviti, strumenti e accessori</p> <p>OrthoEasy® Rack (empty) for OrthoEasy® Pins and instruments</p>	1		
1299-1007		<p>OrthoEasy® Kit di conversione per contrangolo, in modo da utilizzarlo manualmente</p> <p>OrthoEasy® Manual drive attachment for contra-angle handpieces</p>	1	–	
1199-1015		<p>Pilota per trapano per OrthoEasy® 1,0 x 15 mm</p> <p>Pilot drill for OrthoEasy® 1,0 x 15 mm</p>	1		
1199-1315		<p>Pilota per trapano per OrthoEasy® 1,3 x 15 mm</p> <p>Pilot drill for OrthoEasy® 1,3 x 15 mm</p>	1		
1199-1715		<p>Pilota per trapano per OrthoEasy® 1,75 x 15 mm</p> <p>Pilot drill for OrthoEasy® 1,75 x 15 mm</p>	1		
1199-2000		<p>Prolunga per trapano pilota</p> <p>Pilot drill extension</p>	1		

## Scan Buddy (STL)

Lo ScanBuddy è un ausiliare per acquisire, con uno scanner intraorale, la posizione e l'allineamento assiale delle miniviti OrthoEasy® Pal posizionate senza dima.

In questo modo, utilizzando un software di pianificazione, si riesce a procedere con la progettazione digitale del trattamento. A tal fine, la scansione viene sovrapposta a una versione virtuale dello ScanBuddy e il posizionamento esatto delle miniviti può essere ricreato in tutte le dimensioni usando il software di progettazione.

La funzione di sovrapposizione è già memorizzata, ad esempio in Onyx-Ceph<sup>3™</sup>. Per poter eseguire questa sovrapposizione con altri software di pianificazione, i dati ScanBuddy devono essere importati.

Lo ScanBuddy può essere realizzato con una stampante 3D e utilizzato con la vite di fissaggio OrthoEasy® Pal (1299-1003). Nel pacchetto dati sono inclusi anche gli ausili per la produzione dello ScanBuddy, come i corpi di calibrazione e un dispositivo di montaggio, nonché i file ausiliari per determinare la posizione con il software di pianificazione.

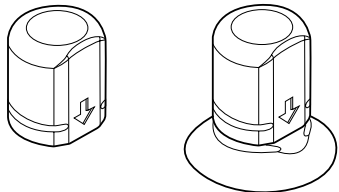
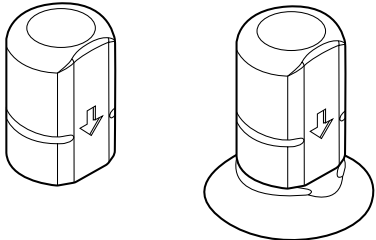
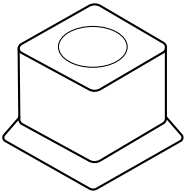
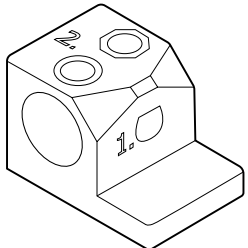
Le pagine seguenti descrivono i passaggi necessari per preparare la stampante 3D e lo ScanBuddy stampato all'uso. Leggere attentamente le pagine seguenti e seguire passo dopo passo le istruzioni per la stampa.

The ScanBuddy is an auxiliary tool for recording the position and axial alignment of manually placed OrthoEasy® Pal Pins with an intraoral scanner.

The data obtained in this way can then be used for digital treatment planning in a suitable planning software. To do this, the scan file is superimposed with a virtual version of the ScanBuddy and the exact positioning of the pins can be recreated in all dimensions in the planning software.

The superimposition function is already stored in OnyxCeph<sup>3™</sup>. To be able to perform this overlay in other planning software, the ScanBuddy data records must be loaded into the software. The ScanBuddy can be manufactured using a 3D printer and used with an OrthoEasy® Pal fixation screw (1299-1003).

Aids for manufacturing the ScanBuddy, such as calibration bodies and a mounting device, as well as auxiliary files for determining the position with the planning software are also included in the data package.


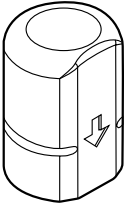
	Description / STL-PDF
	<p><b>ScanBuddy mit runder Pinaufnahme [STL]</b> ScanBuddy – con interno tondo 7,5 mm ≈ 5,75 mm senza basetta di stampa (linea di taglio predeterminata)</p> <p><b>ScanBuddy with round pin socket [STL]</b> ScanBuddy – ScanBuddy with round pin socket 7,5 mm ≈ 5,75 mm without Raft (Predetermined breaking edge)</p>
	<p><b>ScanBuddy mit oktogonaler Pinaufnahme [STL]</b> ScanBuddy – con interno ottagonale 9 mm ≈ 7,25 mm senza basetta di stampa (linea di taglio predeterminata)</p> <p><b>ScanBuddy with octagonal pin socket [STL]</b> ScanBuddy – with octagonal pin sockete 9 mm ≈ 7,25 mm without Raft (Predetermined breaking edge)</p>
	<p><b>Corpo di calibrazione [STL]</b></p> <p>Calibration body [STL]</p>
	<p><b>Dispositivo di taglio e prova [STL]</b></p> <p>Separating and press-fitting device [STL]</p>

## Dati relativi all'implementazione / Accessori

### Data sets for implementation / Accessories


Dati relativi all'implementazione /Integrazione della funzione di sovrapposizione nel software di pianificazione

Data sets for implementing/integrating the overlay function in the planning software

	Description / STL-PDF
	<p>OrthoEasy® Pal Pin [STL]</p> <p>OrthoEasy® Pal Pin [STL]</p>
	<p>ScanBuddy con interno tondo [STL]</p> <p>ScanBuddy without raft [STL]</p>

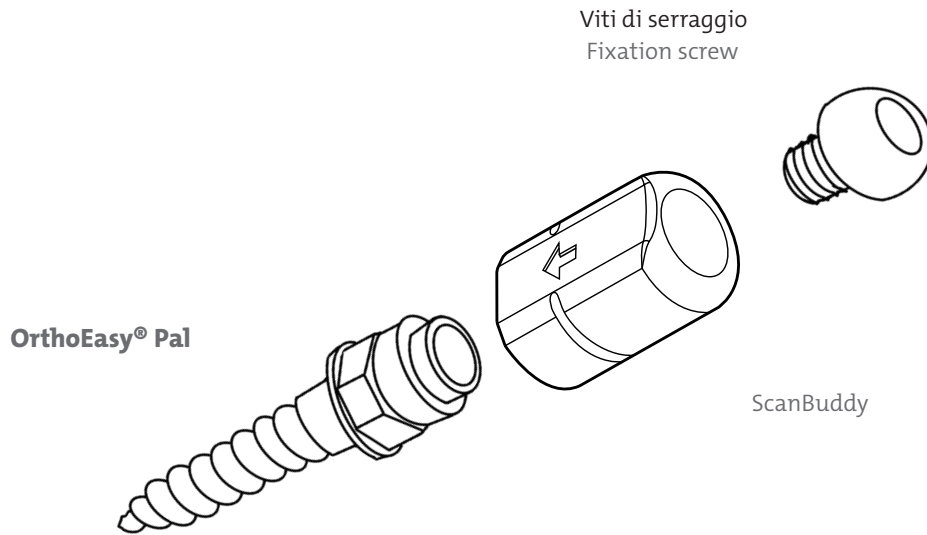
## Accessori

### Accessories

OrthoEasy® Pal	OrthoEasy®	Content	Description		Order No.
	-	10	<p>OrthoEasy® Pal Viti di serraggio si avvitano con 1299-1006</p> <p>OrthoEasy® Pal fixation screw only to be used with 1299-1006</p>		1299-1003

## Esempio di utilizzo

### Example of use



## Dati STL

### STL-Datas

Per la pianificazione digitale degli apparecchi, forniamo gratuitamente le viti di ancoraggio OrthoEasy® e i prodotti di base OrthoEasy® sotto forma di dati STL scaricabili.

Le viti di ancoraggio OrthoEasy® sono già integrate nelle librerie dei prodotti dei comuni software di pianificazione.

I modelli digitali delle viti di ancoraggio OrthoEasy® sono allineati in un sistema di coordinate virtuale lungo l'asse centrale e la superficie di contatto, in modo da poter essere facilmente integrati anche in tutti i software di pianificazione aperti.

For digital planning of appliances, we provide OrthoEasy® anchorage screws and OrthoEasy® base products as STL data for free download.

OrthoEasy® anchor screws are already integrated into the product libraries of common planning software.

The digital models of OrthoEasy® anchor screws are aligned in a virtual coordinate system along the central axis and contact surface, so that they can also be easily integrated into all open planning software.



### Scansiona il codice QR

Scansiona il codice QR per accedere direttamente al nostro sito web STL Data. Qui troverai informazioni dettagliate, specifiche e file STL scaricabili\* relativi ai prodotti presentati in questo capitolo.

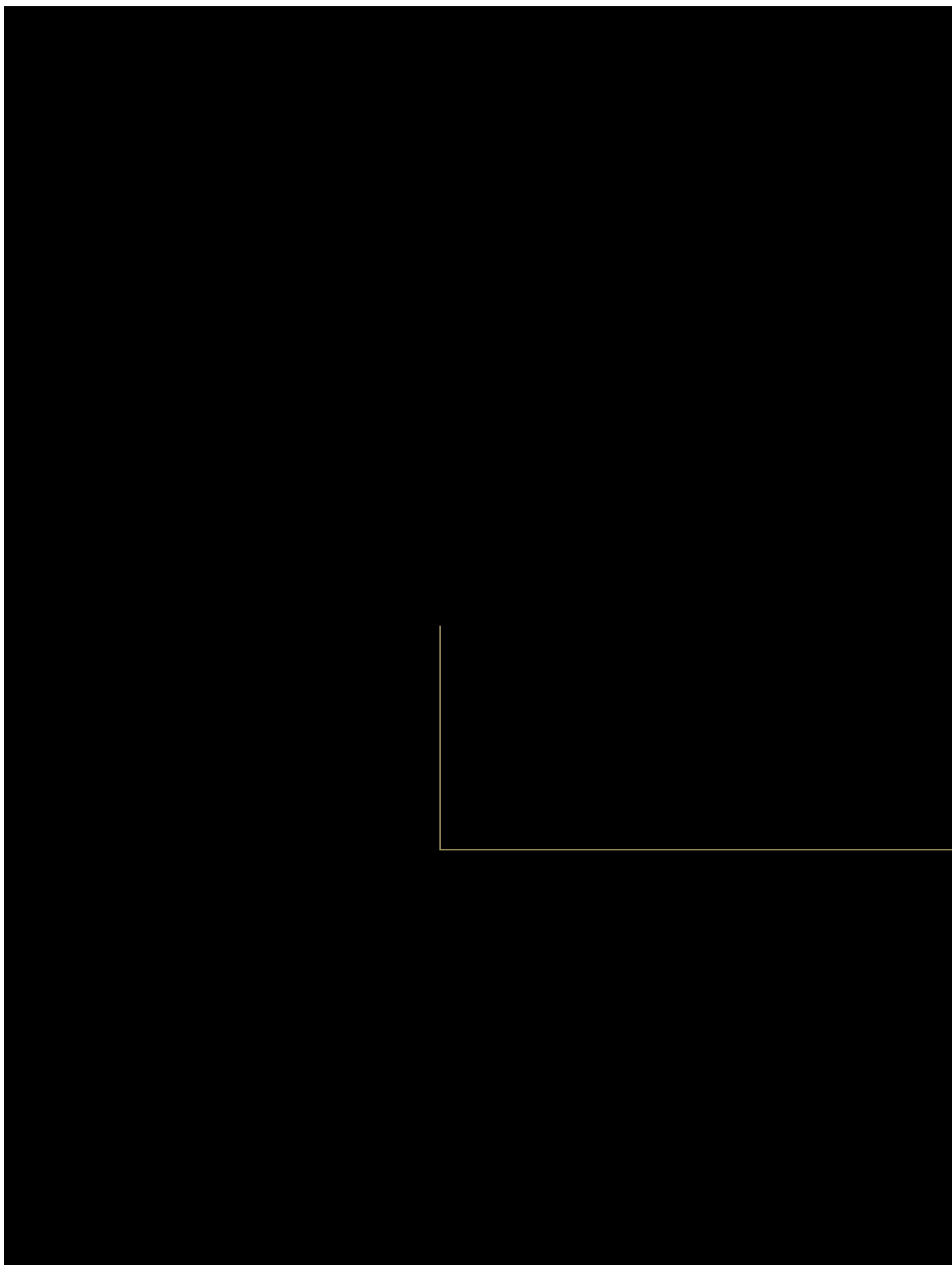
### Scan the QR-Code

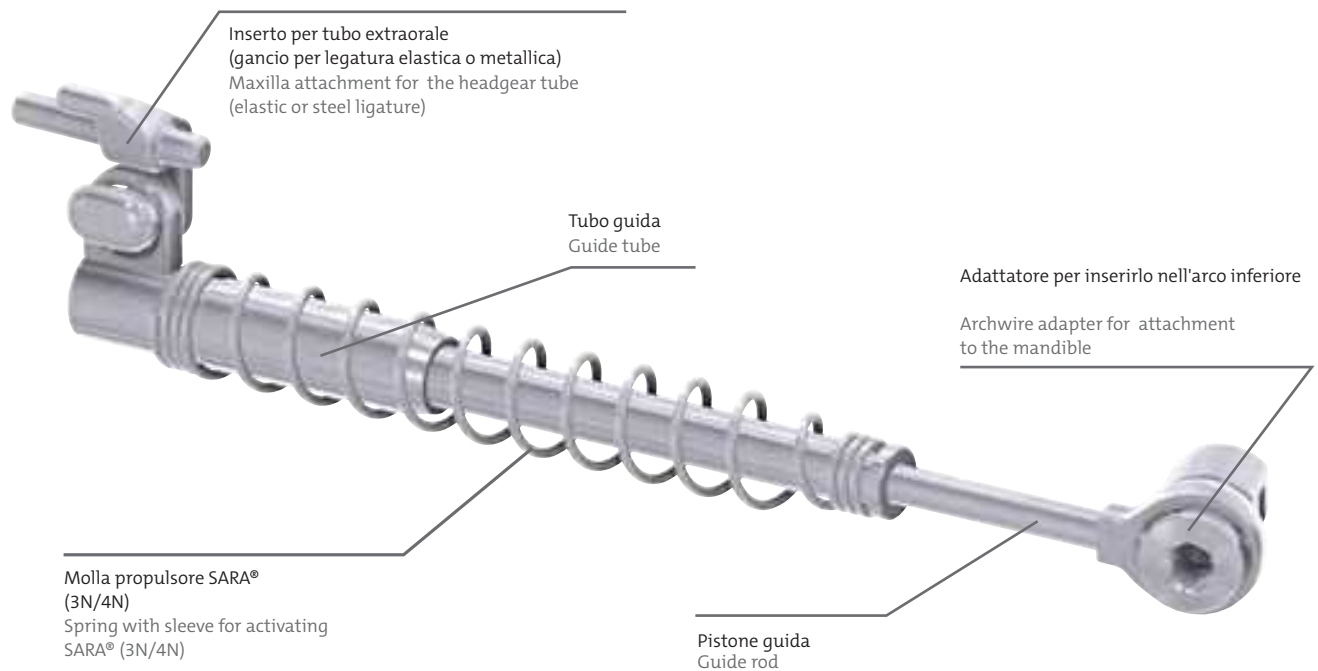
Scan the QR code to go directly to our STL Data website. There you will find detailed information, specifications, and downloadable STL files\* for the products presented in this chapter.





**Viti da laboratorio, dispositivi di Classe II – III e accessori**  
**Class II and III appliances, expansion screws and laboratory supplies**






## Tutti i vantaggi in breve.

### Most attractive advantages at a glance.





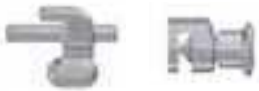

- |  |  |
|--|--|
| <p><b>1</b> Misura unica. Un solo tipo, si adatta a tutte le mandibole. (Stock minimo)</p>                         | <p><b>5</b> Risparmio di tempo. Non è necessario l'intervento del laboratorio.</p>   |
| <p><b>2</b> Facile da usare. Si inserisce velocemente nel tubo extra-orale.</p>                                    | <p><b>6</b> Non compliance. Non è necessaria la collaborazione del paziente (es: non ci sono elastici da cambiare).</p>                            |
| <p><b>3</b> Pratico. Si attiva rapidamente.</p>  | <p><b>7</b> Modulare. Facilità di controllo della forza sostituendo le molle 3N o 4N e i distanziali 1 o 2mm.</p>                                  |
| <p><b>4</b> Confortevole per il paziente. Non necessità di estrazioni, chirurgia o l'uso di cuffia extraorale.</p> | <p><b>8</b> Meno effetti collaterali, open bite monolaterale o intrusione dei molari superiori per gli effetti di forza orizzontale del SARA®.</p> |
| <p><b>1</b> Universally applicable. One version for all jaw sizes. (Minimum inventory)</p>                         | <p><b>5</b> Time-efficient. Time-consuming and costly laboratory processes are not necessary.</p>  |
| <p><b>2</b> Easy handling. Due to of the easy mesial insertion into the headgear tube.</p>                         | <p><b>6</b> Compliance independent. The cooperation of the patient, e.g. with elastics, is not required.</p>                                       |
| <p><b>3</b> Cost-effectiveness. Insertion of the device possible in only a few minutes.</p>                        | <p><b>7</b> Effective. Due to the easily replaceable 3N respectively 4N spring and the 1 or 2 mm spacer rings.</p>                                 |
| <p><b>4</b> High patient acceptance. Extraction or surgery as well as the use of a headgear are not necessary.</p> | <p><b>8</b> Fewer side effects. Like e.g. lateral open bite or intrusion of the upper jaw molars due to the horizontal force effect of SARA®.</p>  |

## SARA® – Sabbagh Advanced Repositioning Appliance



Force	Content	Description		Order No.
3N	1	<p><b>SARA® comprende:</b>            2x Molle 3N con guida (324-0003)            2x Adattatori per arco inferiore            2x Inserti per tubo extraorale superiore (1x destro 1x sinistro)            2x Pistone guida            2x Tubi guida            2x Anelli distanziatori 1 mm (324-0001)            2x Anelli distanziatori 2 mm (324-0002)            1x Cacciavite esagonale (320-0109)</p> <p><b>SARA® consisting of:</b>            2x 3N Spring with sleeve (324-0003)            2x Archwire adapter for attachment to the mandible            2x Maxilla attachment for the headgear tube (1x left and 1x right)            2x Guide rod            2x Guide tube            2x Spacer ring, 1 mm (324-0001)            2x Spacer ring, 2 mm (324-0002)            1x Hexagon key (320-0109)</p>		324-0200

I tubi e le bande con tubo extraorale, da utilizzare con questo sistema, sono disponibili nel Capitolo 6 (bande e tubi buccali).  
 You can find compatible bands and headgear tubes in our catalog in Section 6 (bands and buccal tubes).



### Ricambi e Accessori | Spare parts

Content	Description		Order No.
1	<p><b>Anello distanziatore, 1 mm</b>            Distance ring, 1 mm</p>		324-0001
1	<p><b>Anello distanziatore, 2 mm</b>            Distance ring, 2 mm</p>		324-0002
1	<p><b>Molla 3N con guida (attivazione 10 mm)</b>            3N Spring with sleeve (10 mm activation)</p>		324-0003
1	<p><b>Molla 4N con guida (attivazione 10 mm)</b>            4N Spring with sleeve (10 mm activation)</p>		324-0004
1	<p><b>SARA® kit fissaggio</b> comprende:            2x Adattatori per arco inferiore            2x Inserti per tubo extraorale superiore (1x destro 1x sinistro)</p> <p><b>SARA® fixation assortment</b> consisting of:            2x Archwire adapter for attachment to the mandible            2x Maxilla attachment for the headgear tube (1x left and 1x right)</p>		324-0210
1	<p><b>Cacciavite esagonale Classe II</b>            Class II Hexagon key</p>		324-0005

## Viti Memory con molla in Nickel Titanio ad espansione per Saltamorso BJA\* Memory expansion screw for Bite Jumping Appliance\*

Order No.		Expansion	Spring extension	Content	Description
169M1343		5.0 0.7 Max.	0.8 mm	5	<b>Vite per Espansione mascellare</b> con Molle Memory in Nickel Titanio e braccia rinforzate. L'espansione è tre volte più veloce rispetto ad una vite d'espansione tradizionale. Forza: circa 500 g  The <b>maxillary expansion screw</b> with Memory Spring achieves transversal expansion three times quicker than conventional expansion screws. Force: approx. 500 g
100M2016		5.0 0.7 Mand.	0.8 mm	5	<b>Vite per Espansione mandibolare</b> con Molle Memory in Nickel Titanio. Con supporto e piastra di montaggio per regolare l'inclinazione. Forza: circa 500 g  Memory mandibular expansion screw with holder and mounting plate for the adjustment of the incline. Force: approx. 500 g

## Viti ad espansione per Saltamorso BJA\* Expansion screws for Bite Jumping Appliance\*

Order No.		Expansion	Content	Description
169S1239*		7.0 0.8 Max.	5	<b>Vite Sander classica per espansione mascellare</b> con braccia rinforzate e tecnologia Snap-Lock  Maxillary expansion screw with reinforced bows and Snap-Lock-Technology
100-2001		7.0 0.8 Mand.	5	<b>Vite Sander classica per espansione mandibolare</b> con supporto e dispositivo per la regolazione dell'inclinazione  Mandibular expansion screw with holder and mounting plate for the adjustment of the incline

## Bite Jumping Screw\* – Vite Saltamorso per Twin Block modificato

### Bite Jumping Screw\* for the modified Twin Block appliance

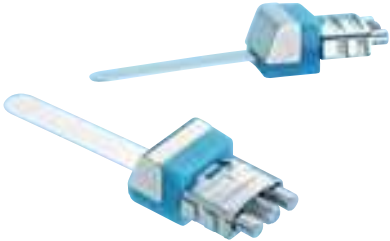


### Le caratteristiche principali.

- 1** Effetto ortopedico importante con minore inclinazione degli incisivi per l'avanzamento progressivo del morso.
- 2** Massimo comfort per il paziente per il ridotto stress dei muscoli craniomandibolari.
- 3** Attivazione alla poltrona molto semplice e sicura della vite Bite Jumping Screw integrata.
- 4** Vantaggi per i pazienti con over-jet grave o capacità limitata di avanzare la mandibola con un bite.

### Most attractive advantages at a glance.

- 1** High orthopaedic effect with low incisor tilting thanks to progressive advancement of the bite.
- 2** Best patient comfort and appliance acceptance due to reduced extension of the craniomandibular muscles.
- 3** Easy and safe chairside activation through the incorporation of the Bite Jumping Screw.
- 4** Advantageous for patients with severe over-jets or limited ability to advance their mandible for the construction bite.

Description	Content	Expansion		Order No.
Bite Jumping Screw	2	6.0 0.4		199-2622

\*acc. to Dr. Marc Geserick

## Functional Mandibular Advancer (FMA)\*

Correzione delle malocclusioni di Classe II – senza collaborazione del paziente.  
For compliance independant correction of class II malocclusions.



L'FMA – Functional Mandibular Advancer, è un dispositivo fisso per la correzione delle malocclusioni di II classe che non richiede la collaborazione del paziente.

Le principali caratteristiche di questo dispositivo alternativo all'Herbst sono le zanche di avanzamento ed i piani inclinati, che possono essere saldati vestibolarmente sulle bande. Con l'FMA si possono anche costruire dispositivi per contenzione con dischi termoformabili Track Forestadent.

The Functional Mandibular Advancer (FMA) is a rigid, fixed appliance for corrections of class II malocclusions independent of patient compliance.

Main features of this alternative to a Herbst appliance are protrusive bars and inclined planes which are fitted on the vestibular side to casted splints or standard bands. As a retention appliance the modules of the FMA can be fixed on the vestibular side to thermoforming foils.



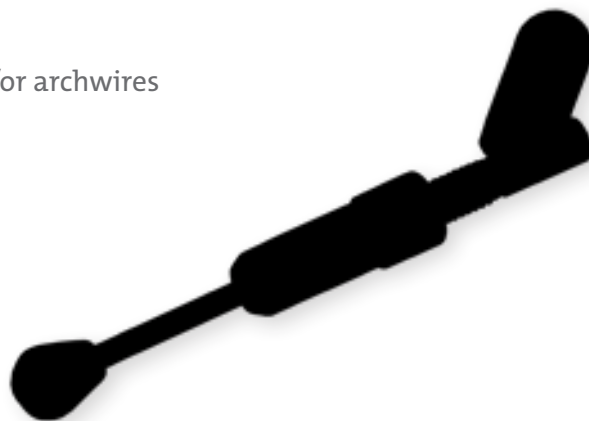
Order No.		Content	Description
330-0100		1 Kit	FMA – Functional Mandibular Advancer

## Easy-Fit Jumper – Dispositivo per la correzione delle Classi II

### Easy-Fit Jumper – A Class II appliance

Da abbinare alla terapia fissa con brackets e archi

Used in conjunction with any bracket prescription and/or archwires



### Le principali caratteristiche.

- 1 Si attiva direttamente alla poltrona.
- 2 Nessuno ingombro o necessità di rimuovere l'apparecchiatura fissa.
- 3 Non è necessario l'intervento del laboratorio.
- 4 Avanzamento continuo.
- 5 Correzione della Classe II abbinata al trattamento ortodontico fisso.
- 6 Non richiede la collaborazione del paziente.
- 7 Ideato per utilizzo clinico ambidestro.
- 8 Possibilità di avanzamento asimmetrico fino a 0,8 mm per lato.
- 9 Misura unica, stoccaggio semplificato.

### Most attractive advantages at a glance.

- 1 Only one chairside session needed to insert the device
- 2 No shims – no removal of the appliance
- 3 No elaborate lab work
- 4 Stepless advancement
- 5 Class II correction with simultaneous bracket treatment
- 6 Independent of patient compliance
- 7 Ideally suited for both right and left handed clinicians
- 8 Asymmetrical advancement – accurate to within 1/8 mm per side
- 9 No need to stock different sizes of spacer rings

#### Caratteristiche tecniche

Diametro esterno	5 mm
Avanzamento	0,8 mm / Umdrehung
Intervallo di attivazione	+ 6 mm
Lunghezza iniziale*	20 mm
Distanza tra il centro dei fori*	24 mm
Lunghezza totale*	29 mm

\* Attivazione + 6 mm

#### Technical Data

outer diameter	5 mm
thread lead	0,8 mm per full turn
activation range	+ 6 mm
nominal size*	20 mm
distance bore centre to bore centre*	24 mm
total length*	29 mm

\* + 6 mm activation

Description	Content		Order No.
Easy-Fit Jumper, Slot .018"	1 kit paziente		321-0118
	1 patient kit		
Easy-Fit Jumper, Slot .022"	1 kit paziente		321-0122
	1 patient kit		



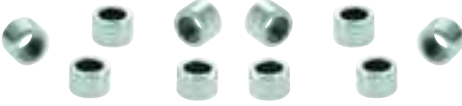







## Cerniera di avanzamento mandibolare

### Appliance for advancement of the mandible



Il Mandibular Protrusion Hinge è un apparecchio fisso intraorale utilizzato per trattare le deformità di Classe II. La ben nota cerniera di protrusione mandibolare secondo il Prof. Herbst è fissata nell'area molare dell'arcata superiore e nell'area premolare della mandibola. A tale scopo, i relativi snodi vengono saldati alle bande e fissati ai componenti della cerniera utilizzando le viti.

The appliance for advancement of the mandible is a fixed, intraoral appliance for the treatment of class II malocclusions. The well-known appliance for advancement of the mandible according to Prof. Herbst, is fixed to the upper jaw in the molar region and to the lower jaw in the premolar region. For this purpose, the corresponding nuts are welded to prefabricated or cast bands and the components of the device are then attached to these using screws.

Order No.		Content	Description
320-0100		1 kit 1 kit	<b>Cerniere destre e sinistre con guide ed accessori di montaggio</b> (4 viti, 4 dadi, 1 chiave esagonale)  Left and right hinge with guide pin and mounting accessories (4 screws, 4 nuts, 1 hexagon key)
320-0101		10	<b>Distanziali 1 mm</b> Distance ring 1 mm
320-0102		10	<b>Distanziali 2 mm</b> Distance ring 2 mm
320-0103		10	<b>Distanziali 3 mm</b> Distance ring 3 mm
320-0104		10	<b>Viti interne 1,5 mm</b> Hexagon socket head screw AF 1,5 mm
320-0105		10	<b>Dadi di bloccaggio</b> Nuts
320-0106		10	<b>Guide destre + sinistre</b> Rods right + left
320-0107		10	<b>Tubo destro</b> Tube right
320-0108		10	<b>Tubo sinistro</b> Tube left
320-0109		1	<b>Chiave a brugola</b> Hexagon key

## Disgiuntore Snap Lock – L'espansione efficiente e sicura

### Snap Lock Expander – the key to efficient and safe expansion

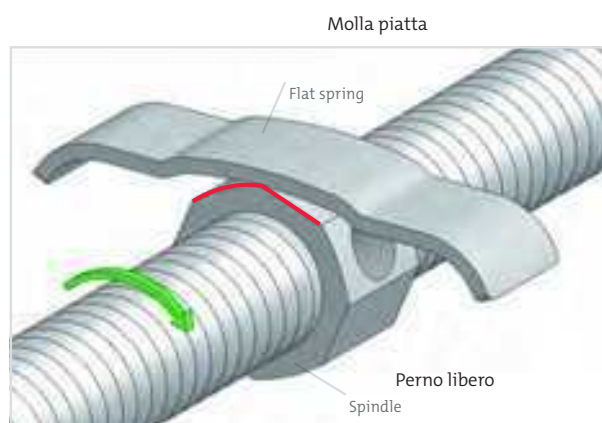


Fig. 1: Attivazione in corso (La molla piatta è in tensione)

Fig. 1: Activation in progress (Spring under tension)

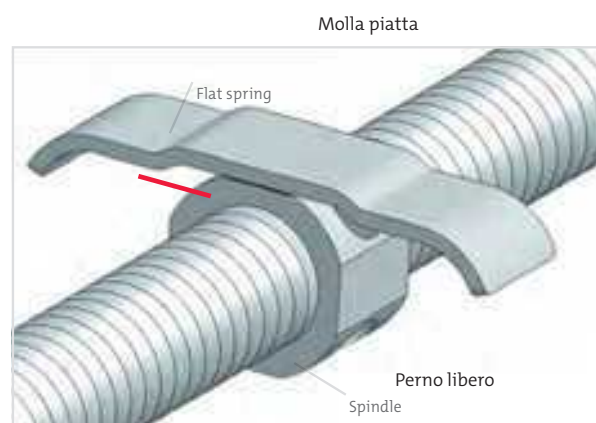


Fig. 2: Posizione di riposo, pronto per la riattivazione. La molla blocca la vite; il foro per la chiavetta si presenta nella posizione ideale per la successiva attivazione.

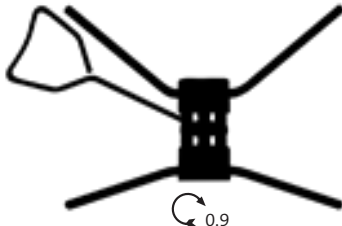

Fig. 2: Start and final position, ready for reactivation (Spring in locked position). The spring pushes on the eccentric spindle. This makes the spindle snap into an ideal position for reactivation and locks it.

### Le principali caratteristiche.

- 1 Il disgiuntore Snap Lock si disattiva solo se necessario. Dopo l'attivazione (Fig. 1), la molla blocca la vite tenendola in posizione (Fig. 2).
- 2 Quando lo Snap Lock è correttamente attivato (1/4 di giro), si avverte chiaramente la vite che arriva nella posizione di blocco.
- 3 Il foro nella vite di attivazione è sempre nella giusta posizione.
- 4 Alzando la molla di blocco è possibile correggere eventuali attivazioni.

### Most attractive advantages at a glance.

- 1 The Snap Lock Expander does not turn back unless the doctor or patient turns it back. After the activation of the spindle (Fig. 1), the flat spring snaps in (Fig. 2).
- 2 When the Snap Lock Expander is properly activated by a 1/4 turn, both the patient and doctor will be able to feel the screw lock.
- 3 The hole in the spindle is always in the right position for reactivation.
- 4 If overactivated the Snap Lock Expander can be turned back.

Description	Content	Expansion	Dimensions		Order No.
Snap Lock Expander	5	8 mm	12,5 mm		A167-1239*
	5	10 mm	14,5 mm		A167-1439*
	5	12 mm	16,5 mm		A167-1639*
Snap Lock Expander solo corpo, senza braccia	5	8 mm	12,5 mm		169-1239*
Snap Lock Expander without retention arms	5	10 mm	14,5 mm		169-1439*
	5	12 mm	16,5 mm		169-1639*

\*Blocco a fine corsa (non si disassembla) | protected against falling apart

## Disgiuntori rapidi RPE Standard e Anatomici Palatal split screws



Nei disgiuntori standard, le braccia sono posizionate verso la parte inferiore del corpo della vite, cioè verso la lingua. Questo comporta una maggiore distanza dal palato e quindi una maggiore sporgenza nella cavità orale. Tuttavia, in alcuni casi, ad esempio in presenza di un palato molto stretto, può essere necessario. Con gli espansori anatomici, le braccia sono saldate sul lato superiore del corpo vite, cioè verso il palato. In questo modo la vite si trova più aderente al palato e le braccia possono essere più aderenti ai tessuti molli con minor ingombro nel cavo orale e pertanto risulta molto più confortevole per il paziente.

In standard palatal split screws, the arms are placed towards the bottom of the screw body, i.e. towards the tongue. This results in a greater distance to the palatal roof and therefore protrudes further into the oral cavity. However, in some cases, e.g. a very narrow palatal roof, this may be necessary. With the Anatomic expanders, the arms are placed on the upper side of the screw body, i.e. towards the roof of the mouth. The screw thus sits higher in the palate and the arms can be guided closer to the soft tissue. This means that it protrudes less into the oral cavity, which can make it more comfortable for the patient to wear.

Order No.		Expansion	Dimensions	Content	Description
167-1326 acc. to Dr. Elbel		10 mm ↻ 0.8	◀ 13 mm ▶	5	<b>Disgiuntore Rapido tipo 'S'</b> ideale per palati molto piccoli  Palatal split screw type 'S' for especially narrow palates
A167-1326*		10 mm ↻ 0.8	◀ 14 mm ▶	5	<b>Disgiuntore Rapido Anatomico tipo 'S'</b> può essere posizionato aderente al palato  Anatomic-Expander type 'S' can be placed closer to the palate
167-1323 acc. to Dr. Elbel		10 mm ↻ 0.8	◀ 13 mm ▶	5	<b>Disgiuntore rapido tipo 'S'</b> per palati piccoli
169-1323		10 mm ↻ 0.8	◀ 13 mm ▶	5	Palatal split screw type 'S' for especially narrow palates
167-1633*		12 mm ↻ 0.9	◀ 15.5 mm ▶	5	<b>Disgiuntore rapido tipo 'N'</b> di II generazione  Palatal split screw type 'N' 2nd generation „Sunshine“
A167-1633*		12 mm ↻ 0.9	◀ 15.5 mm ▶	5	<b>Disgiuntore Anatomic tipo 'N'</b> può essere posizionato aderente al palato  Anatomic-Expander type 'N' follows the human anatomy better than ordinary rapid palatal expanders (RPE).

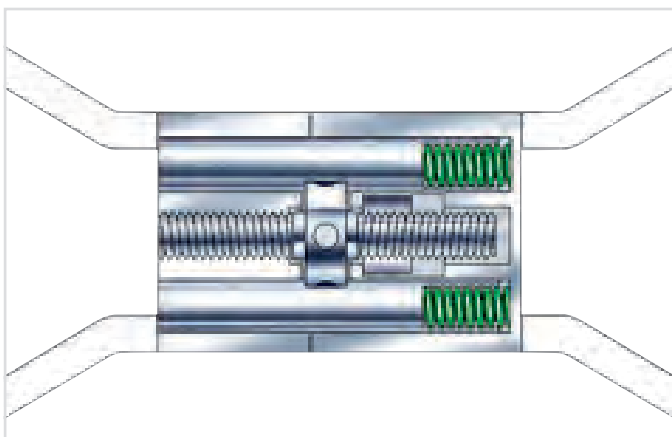
\*Blocco a fine corsa (non si smonta) | protected against falling apart

## Vite Memory con molla in Nickel Titanio per espansione Palatale

### Memory palatal expansion screw

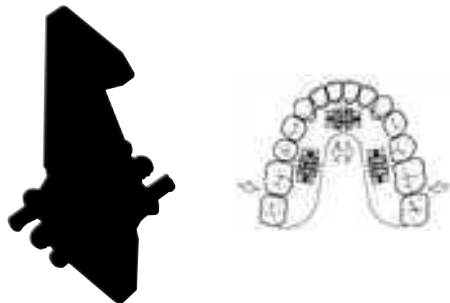
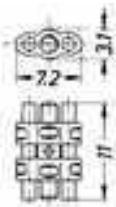

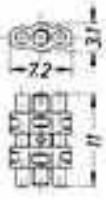
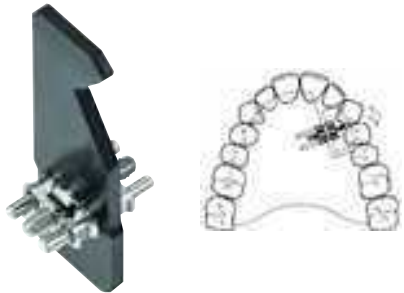
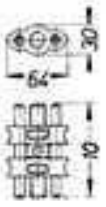

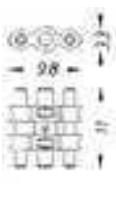

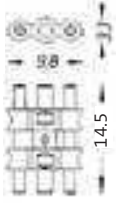
Gli espansori Memory hanno una molla in Nickel-Titanio integrata che esprime una forza continua e costante, che risulta più confortevole per il paziente. Con gli espansori tradizionali, dopo l'attivazione viene espressa una forza molto elevata a causa dell'applicazione diretta della forza, ne consegue un crollo immediato dopo la risposta dentale. All'attivazione successiva, si riprende il picco di forza che poi crolla e così via. Con le viti Memory, la forza rimane costante per tutta la durata del trattamento per merito della molla integrata

With memory expanders, the applied force is kept at a constant level that is more comfortable for the patient due to the integrated nickel-titanium springs. With conventional expansion screws, a very high force is applied after activation due to the direct application of force, which drops relatively quickly as soon as the teeth react. At the next activation, it jumps up again, drops again, and so on. With memory screws, the pressure is kept at a constant level over the treatment period by the integrated springs. This counteracts the slowing of the expansion due to the decreasing force.



Description	Content	Dimensions	Expansion		Order No.
<b>Disgiuntore Memory Anatomico tipo 'S'</b> Espansione palatale più veloce e confortevole tramite la speciale molla interna in Nickel Titanio. Espansione: 1 mm – Forza: circa 5 N (500 gr)	5		8 mm 0.7		A167M1326
<b>Espansore Slim-Line</b> per arcate inferiori Slim-Line-Expander for lower jaws	5	◀ 12 mm ▶ ▶ 16 mm ▶	8 mm 12 mm		198-1223 198-1623
<b>Pinza per piegare le braccia</b> degli espansori palatali tipo 'S' Pliers for the palatal split screw type 'S'	1				501-0709
<b>Chiave per attivazioni</b> Safety Key	5				100-0009

## Viti universali in acciaio inox per espansione Universal stainless steel expansion screws

Order No.		Expansion	Dimensions	Content	Description
100-2000		7 0.8		10	<b>Vite universale per espansione trasversale e distale</b> per arcate superiori ed inferiori  Universal use in upper and lower jaws for transversal and distal expansion
100T2000		7 0.8		10	<b>Vite universale in titanio per espansione</b> tipo 100-2000 ma in titanio Universal expansion screw as 100-2000 made of titanium
130-2000		5 0.7		10	<b>Per arcate superiori e inferiori</b> di piccole dimensioni, ideale anche come vite settoriale  For upper and lower jaws with small proportions, also very suitable as a sector screw
150-2000		7 0.8		10	<b>Per placche superiori inferiori e attivatori</b>  For stable maxilla plates, also activators
150-2011		10 0.8		10	<b>Tipo "150-2000 larga"</b> espansione di 10 mm  Larger version of 150-2000 with expansion of 10 mm



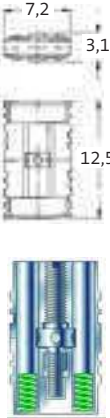
## Viti scheletriche settoriali

### Skeletal sector screws

Description	Content	Dimensions	Expansion		Order No.
<p><b>Viti scheletriche</b> utilizzabili anche come viti distali. Disponibili con perno diritto o angolato.</p> <p><b>Skeletal sector screws</b> can also be used as distalizing screws with unilateral spindle. Available either with angled or straight retention bar.</p>	10		5 		 134-1315
	10		5 		 134-1316
	10		5 		 134-1314
<p><b>Viti scheletriche</b> versione speciale corta</p> <p><b>Skeletal sector screws</b> especially short version</p>	10		3 		 134-1014
	10		3 		 134-1016

## Viti Memory con molla in Nickel Titanio per espansione Trasversale

### Memory transversal expansion screws



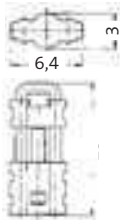
Order No.		Expansion	Spring extension	Dimensions	Content	Description
100M2015		5.0 mm  0.7	0.8 mm		10	<p><b>Vite Memory ad espansione trasversale</b> per arcata superiore e inferiore, 2<sup>a</sup> generazione, Forza: circa 500 g</p> <p><b>Memory mid line expansion screw</b> for upper and lower jaws, 2. generation, force: approx. 500 g</p>

## Vite Bertoni multisettore

### Multi sector screws

Description	Content	Dimensions	Expansion		Order No.
<p><b>Vite Bertoni 3 vie per espansione tridimensionale</b> per movimenti trasversali e protrusivi delle placche a Y</p> <p><b>Bertoni three-dimensional expansion screw</b> is a combined transversal expansion and protrusion screw with asymmetrical transversal movement</p>	5	◀ 13 mm ▶	<p>0.4 3 3 mm 3 3</p>		165-1312
<p><b>Vite Bertoni 2 vie per espansione bidirezionale</b> per 2 movimenti trasversali simmetrici</p> <p><b>Bertoni three-dimensional expansion screw</b> for 2 symmetrical transversal movements</p>	5	◀ 13 mm ▶	<p>0.4 3 3 mm 3 3</p> <p>0.8</p>		165-1412
<p><b>Vite Beutelspacher per espansione tridimensionale</b> per l'espansione trasversale e protrusiva in entrambe le arcate controllando le altezze.</p> <p><b>Beutelspacher three-dimensional expansion screw</b> The arrangement of offset levels enables transverse expansion and protrusive movement to be carried out simultaneously in the lower jaw.</p>	5	◀ 17 mm ▶	<p>0.35 2.5 3.5 mm 3.5 0.7</p>		136-1711

## Viti per trazione e compressione Traction and compression screws

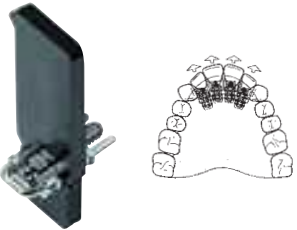
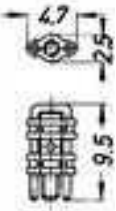

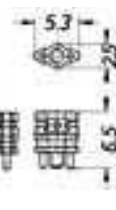




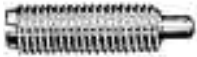
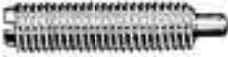
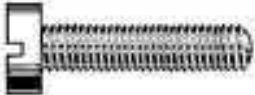


Order No.		Expansion	Dimensions	Content	Description
139-1311		4  0.35		10	<b>Vite compatta di trazione</b> per la chiusura degli spazi <b>Compact traction screw</b> for gap closure

\*acc. to Nardella



## Microviti per movimenti di singoli elementi

### Screws for individual tooth movements





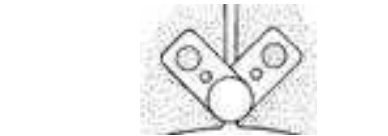

Order No.		Expansion	Dimensions	Content	Description
179-1017		3.0 0.35		10	<b>Microvite di protrusione</b> per il movimento di singoli denti nell'arcata superiore  <b>Micro protrusion screw</b> for movement of individual teeth especially in the maxilla
179-0618		2.5 0.35		10	<b>Microvite di protrusione "Inti"</b> per segmenti anteriori e posteriori, specialmente nelle arcate inferiori
179-0617		2.5 0.35		10	<b>Inti micro protrusion screw</b> applicable for posterior and anterior teeth, especially in the mandible
109-0410			4 mm	5	<b>Microvite a molla</b> Piston spring screws  
109-0610			6 mm	5	
109-0810			8 mm	5	
100-0003			12 mm	5	<b>Vite di posizionamento</b> Positioning screws
100-0004			3 mm	10	<b>Boccola di serraggio</b> Serrated nuts
100-0007				1	<b>Alesatore</b> Reamer

## Microviti

### Micro screws

Order No.		Expansion	Dimensions	Content	Description
170-1118		3.0  0.7		10	<p><b>Microvite a doppia guida</b> per espansione ideale per apparecchiature mobili in mandibole molto strette</p> <p>Micro expansion screw double guided suitable for removable distalizing appliances in narrow lower jaws</p>
174-1217		4.0  0.35		10	<p><b>Microvite settoriale</b> anche come vite distalizzante (minimo spazio residuo)</p> <p>Skeleton type micro sector screw also applicable as distalizing screw, for minimal remaining gaps</p>
179-1317		3.0  0.35		10	<p><b>Microvite di trazione</b> per movimenti distali e mesiali (minimo spazio residuo)</p> <p>Micro traction screw for mesial and distal movements (minimal remaining gaps)</p>

## Viti speciali Special screws

				Description
105-1310		8.0  0.7	10	<p><b>Vite a ventaglio anteriore</b>            apertura tipo ventaglio con perno distale per espansione intercanina</p> <p><b>Fan type expansion screw</b>            for fan like opening, screw hinged distally to increase the intercanine width.</p>
105-1320		8.0  0.8	10	<p><b>Vite a ventaglio per espansione</b>            cerniera e vite fornite come componenti separati (vite da posizionare anteriormente, cerniera distale) consente l'espansione intercanina. Il movimento è simile a quello di un ventaglio.</p> <p><b>Fan type expansion screw</b>            hinge and screw supplied as two separate components, allows for intercanine expansion. Plate sections open up like a fan. The included fan (hinge) can be placed independently of the expansion screw.</p>
105-1321		8.0  0.8	1	<p><b>Ricambio cerniera</b>            Replacement fan</p>



## Viti ad espansione per le terze classi\*

### Expansion screws for a class III double plate\*



Le viti di espansione ortodontiche per placche doppie di classe III sono elementi per apparecchi rimovibili per allineare i denti o per correggere l'occlusione durante il trattamento ortodontico. La vite di espansione per la doppia placca di classe III viene utilizzata per i casi con prognatismo. Viene utilizzato per esercitare una forza dorsale sulla mandibola e per guidare la forza centralmente sulla mascella utilizzando un apparecchio rimovibile ed è quindi ideale nei casi di classe III. Installate correttamente, le barre esercitano una pressione sulle piastre delle viti di espansione quando le mandibole sono chiuse, attivando così l'apparecchiatura. Questo fa sì che la mandibola si muova in direzione dorsale.

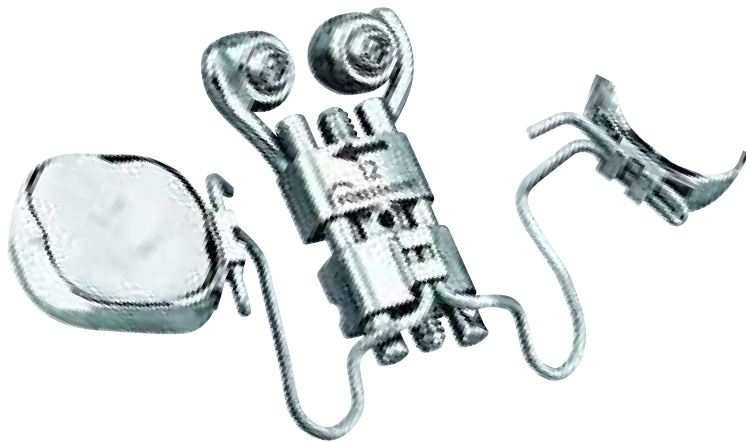
Orthodontic expansion screws for class III double plates are elements for removable orthodontic appliances to align the teeth or to correct occlusion during orthodontic treatment. The expansion screw for the class III double plate is used for cases with prognathism. It is used to exert dorsal force on the mandible and to guide the ventrally directed force onto the maxilla using a removable appliance and is therefore used in class III cases. When installed correctly, the bars exert pressure on the plates of the expansion screws when the jaws are closed, thereby activating the appliance. This causes the mandible to move in dorsal direction.

Order No.		Expansion	Content	Description
169-2622		6.0 ↻ 0.4	2 viti e 2 guide  2 screws and 2 guards	<b>Doppia placca per le III classi</b> Class III double plate
100-0014			1 accop.  1 pair	<b>Piastra di montaggio</b> Mounting template

\*acc. to Prof. Dr. F. G. Sander

# Frog II (Ranocchio) – il Distalizzatore Molare Semplificato\*

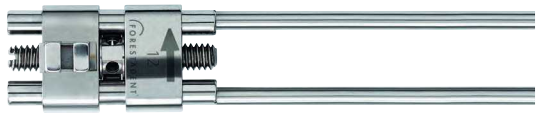

## Frog II Appliance – the Simplified Molar Distalizer\*



### Le principali caratteristiche.


#### Most attractive advantages at a glance.

- |  |   |
|--|---|
| <p><b>1</b> Le due lunghe braccia dritte (Ø 1,5 mm) consentono di individualizzare l'apparecchiatura in modo ottimale.</p> | <p><b>1</b> Two long retention arms (Ø 1.5 mm) leave plenty of room for individualization.</p>                      |
| <p><b>2</b> La funzione Snap Lock mantiene la vite in posizione evitando disattivazioni indesiderate.</p>                  | <p><b>2</b> The snap function prevents unwanted reversing.</p>  |
| <p><b>3</b> Il Frog II si attiva facilmente come i tradizionali disgiuntori rapidi.</p>                                    | <p><b>3</b> The Frog II is activated via a spindle with cross-hole like conventional expansion screws.</p>          |
| <p><b>4</b> Il sistema di inserimento della barra è stato spostato verso il piano linguale rendendolo più accessibile.</p> | <p><b>4</b> The lock for the spring was transferred from palatal to lingual and is therefore easier accessible.</p> |





Description	Content	Expansion		Order No.
Frog II - Vite per distalizzare Distal screw for Frog II appliance	1	12 ↻ 0.9		A167D1639
Chiave di attivazione Safety Key	1			100-0009

\*acc. to Dr. Kevin Walde (U.S. Patent #US 6,435,870 and others)

## FORESTANIT®

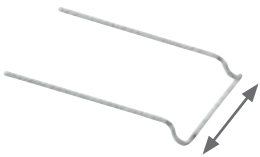



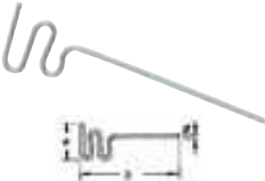

Order No. hard 1450 – 1650 N/mm <sup>2</sup>	Order No. spring hard 1850 – 2050 N/mm <sup>2</sup>		ø mm	ø inch	Content	Description
–	213-2050		0.50	.020	50 m	<b>FORESTANIT® – Super</b> Filo in matassa piccola rotondo Laboratory coils round
–	213-2060		0.60	.023	40 m	
212-2070	213-2070		0.70	.028	30 m	
–	213-2080		0.80	.031	20 m	
–	213-2090		0.90	.036	10 m	
–	213-2100		1.00	.039	10 m	
–	213-3060		0.60	.023	500 g	<b>FORESTANIT® – Super</b> Filo in matassa da laboratorio rotondo Clinic coils round
212-3070	213-3070		0.70	.028	500 g	
212-3080	213-3080		0.80	.031	500 g	
212-3090	213-3090		0.90	.036	500 g	
–	213-3100		1.00	.039	500 g	
–	213-3110		1.10	.043	500 g	
–	213-3120		1.20	.047	500 g	

**FORESTANIT® – Fili pretagliati**  
**FORESTANIT® – Precut wires**

Description	Content	Length	ø mm	ø inch		Order No. hard 1450 – 1650 N/mm <sup>2</sup>	Order No. spring hard 1850 – 2050 N/mm <sup>2</sup>
Per ganci triangolari Triangular clasps	500 g	75	0.70	.028		212-5070	213-5070
Per ganci di Adams Retainer clasps acc. to Adams	500 g	100	0.70	.028		212-8070	213-8070
Per archi labiali Labial arches	500 g	150	0.70	.028		212-6070	213-6070
		150	0.80	.031		212-6080	213-6080
		150	0.90	.036		–	213-6090
Per Bionators Bionators	500 g	200	0.70	.028		–	213-7070
		200	0.80	.031		–	213-7080
		200	0.90	.036		–	213-7090





# FORESTANIT® – Fili pretagliati

## FORESTANIT® – Precut wires

Order No. hard 1450 – 1650 N/mm <sup>2</sup>	Order No. spring hard 1850 – 2050 N/mm <sup>2</sup>		Dimen- sions	ø mm	ø inch	Content	Description
–	301-1709		9	0.70	.028	100	<b>Ganci di Adams</b>
–	301-1710		10	0.70	.028	100	Retainer clasps acc. to Adams
302-2702	–		–	0.70	.028	100	<b>Gancia a palla</b>
302-2803	–		–	0.80	.031	100	Ball head retainer clasps
302-2904	–		–	0.90	.036	100	
–	303-2701		–	0.70	.028	100	<b>Ganci triangolari</b>
–	303-2802		–	0.80	.031	100	Triangular clasps
–	306-2701		–	0.70	.028	100	<b>Ganci ad occhiello</b> Eyelet retainer clasps
–	305-2505		a = 5.0 b = 24	0.50	.020	100	<b>Molle di protrusione</b>
–	305-2606		a = 6.0 b = 24	0.60	.023	100	Protrusion springs
–	305-2608		a = 7.7 b = 25	0.60	.023	100	
309-2805	–		–	0.80	.031	100	<b>Ganci per molari</b> Molar retainers

Description	Content	Colour		Order No.
<b>Polvere - Formato studio</b> Clinic package – powder	1 kg	trasparente clear uncoloured		401-0010
<b>Polvere - Formato laboratorio</b> Standard package – powder	1x 5 kg	trasparente clear uncoloured		401-0021
<b>Liquido - Formato studio</b> Clinic package – liquid	500 ml	trasparente clear uncoloured		402-0010
	500 ml	rosa trasparentee clear pink		402-0011
<b>Liquido - Formato laboratorio</b> Standard package – liquid	2.5l	trasparente clear uncoloured		402-0022
	2.5l	rosa trasparentee clear pink		402-0023

















## FORESTACRYL®

Order No.		Colour	Content	Description
403-0010		trasparente clear uncoloured	1 kg + 500 ml	<b>Formato studio – polvere + liquido</b> Clinic package – powder + liquid
403-0020		trasparente clear uncoloured	2x 5 kg + 2x 2.5 l	<b>Formato laboratorio – polvere + liquido</b> Standard package – powder + liquid
416-1001		–	1	<b>Erogatore</b> per liquido FORESTACRYL® <b>Lever tap</b> for FORESTACRYL® liquid
402-0010		trasparente clear uncoloured	500 ml	<b>Liquido per riparazioni</b> Repair-acrylic – liquid
407-1001		rosso   red	250 ml	<b>Liquido colorato</b> essicante per FORESTACRYL® <b>Coloured liquid</b> for dyeing of FORESTACRYL®
407-1002		blu   blue		
407-1003		giallo   yellow		
407-1004		verde   green		
407-1005		bianco   white		
407-1006		rosa   pink		
407-1008		viola   purple		
407-1010		turchese   turquoise		

## Accessori Auxiliaries

Description	Content		Order No.
<p><b>Flacone spray</b> per polvere FORESTACRYL® – 100 ml            Spray-bottle for 100 ml FORESTACRYL® powder</p>	1		416-0001
<p><b>Flacone spray</b> per liquido FORESTACRYL® – 50 ml            Spray-bottle for 50 ml FORESTACRYL® liquid</p>	1		416-0010
<p><b>Ugello in metallo</b> per flaconi spray in polvere            Metal nozzle for powder spray-bottles</p>	1		416-1000
<p><b>Spazzola</b> per lucidare, ø 80 mm            Round brush with cloth lining, ø 80 mm</p>	1		411-0001
<p><b>Spazzola di lino</b>, ø 85 mm            Linen buff, ø 85 mm</p>	1		412-0001

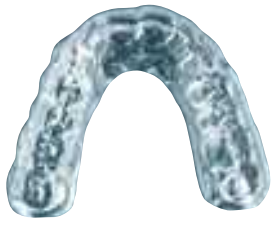


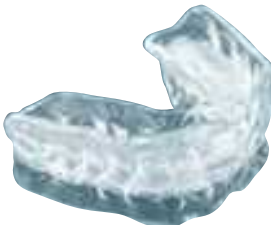
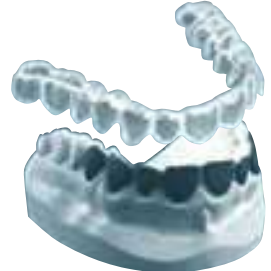
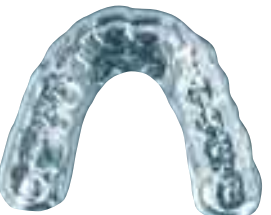
## Happy Design

Order No.		Content	Description	Order No.		Content	Description
407-0201		20	Delfino Dolphin	407-0223		20	Pinguino Penguin
407-0202		20	Gufo Owl	407-0211		20	Farfalla Butterfly
407-0203		20	Cuore Heart	407-0212		20	Gatto Cat
407-0205		20	Auto Sportiva Ferrari	407-0213		20	Tigre Tiger
407-0206		20	Cavallo Horse	407-0214		20	Cane Black dog
407-0208		20	Smile Smiley	407-0215		20	Germania Germany
407-0209		20	Teschio Skull	407-0216		20	Pallone Football
407-0222		20	Uccello Bird	407-0220		20	Panda Panda

Le figure potrebbero essere diverse | inlay pictures may vary


# TRACK® – Dischi termofornabili

## TRACK® – Thermoforming foils

Description	Application	Content	Thick-ness	Bonding to acrylic		Order No.
<b>Track® A</b> Rigido (PETG)  ø 125 mm, trasparente  hard (PETG)	Mascherine di contenzione, retainers, allineatori per correzione e splint anti russamento	100	0.5 mm	sì  yes		408-0105
		100	0.6 mm			408-0106
		100	0.8 mm			408-0108
	Bite, bruxism and stabilisation splints, correction splints (aligner), anti-snoring splints	100	1.0 mm			408-0110
		50	1.5 mm			408-0115
		50	2.0 mm			408-0120
<b>Track® B</b> Doppio strato (TPU/PET-G)  ø 125 mm, trasparente  Double layer (TPU/PET-G)	Doppio strato (morbido / rigido) – Retainers confortevoli e personalizzabili (quando utilizzati con set-up)  Bite, bruxism, correction splints (aligner), anti-snoring splints	30	2.0 mm	sì (sul lato rigido)  yes (on hard side)		408-0220
<b>Track® C</b> morbido (PE)  ø 125 mm, trasparente  soft (PE)	Mascherine per mordenzatura / anche per sbiancamento in combinazione con uno splint rigido (come Essix C)  Inner layer of transfer splints, in combination with hard splint	100	1.0 mm	no  no		408-0310
<b>Track® E</b> morbido, gommoso (EVA)  ø 125 mm, trasparente  soft, rubbery (EVA)	Splint morbidi, strato interno per mascherine di trasferimento brackets, in combinazione con altro splint rigido Soft splint, inner layer of bracket transfer splints, in combination with hard splint	50	1.5 mm	no		408-0515
	Posizionatori, splint morbidi, splint di protezione per brackets	50	2.0 mm	no		408-0520
	Positioners, soft splints, bracket protection splints	30	3.0 mm			408-0530
<b>Track® bleach</b> (EVA)  ø 125 mm, trasparente	Tray per sbiancamento o trattamento con fluoro, da abbinare ad uno strato per il posizionamento  Bleaching and fluoridation trays, in combination with placeholder foil	100	1.0 mm	no  no		408-0610
<b>Track® M</b>  ø 125 mm, trasparente	Alineatori dentali (allineatori)  Aligners	100	0.6 mm	-		408-0406

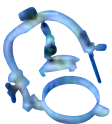




## TRACK® V – Termoformatrice ad aspirazione (integrata)

### TRACK® V – Thermoforming unit

Order No.		Content	Description
900-2000		1	<b>TRACK® V</b> Termoformatrice ad aspirazione integrata, 230 V Vacuum thermoforming unit, 230 V
900-2110		1	<b>TRACK® V</b> Termoformatrice ad aspirazione integrata, 100 V, Japan Vacuum thermoforming unit, 100 V, Japan
900-2115		1	<b>TRACK® V</b> Termoformatrice ad aspirazione integrata, 115 V, USA Vacuum thermoforming unit, 115 V, USA

## TRACK® V – Accessori

### TRACK® V – Auxiliaries

Order No.		Content	Description
408-0706		1	<b>Occluform per TRACK® V</b> Occluform for TRACK® V
900-2001		1	<b>Granulato (confezione ricambio) in acciaio</b> , a spigoli arrotondati, 1,3 kg Filling granules, refill package, 1.3 kg
900-2007		1	<b>Anello di tenuta dischi</b> Foil securing ring
900-2010		1	<b>Piastra modello</b> Model plate
900-2016		1	<b>Guarnizione per telaio portadischi</b> Sealing for foil reception
900-2017		1	<b>Guarnizione alloggiamento formatura</b> Sealing for form pot
900-2018		1	<b>Set rifinitura TRACK®</b> per tagliare e rifinire le termostampate Finishing set TRACK® for cutting and finishing TRACK® foils




## TRACK® P e TRACK® P-ci – Termoformatrice a pressione

### TRACK® P and TRACK® P-ci – Pressure thermoforming unit

Description	Content		Order No.
<b>TRACK® P</b> Termoformatrice a pressione, 230 V Pressure thermoforming unit, 230 V	1		900-2300
<b>TRACK® P</b> Termoformatrice a pressione, 100 V, Japan Pressure thermoforming unit, 100 V, Japan	1		900-2310
<b>TRACK® P</b> Termoformatrice a pressione, 115 V, USA Pressure thermoforming unit, 115 V, USA	1		900-2315
<b>TRACK® P-ci con compressore integrato</b> Termoformatrice a pressione, 230 V with integrated compressor Pressure thermoforming unit, 230 V	1		900-2400
<b>TRACK® P-ci con compressore integrato</b> Termoformatrice a pressione, 100 V, Japan with integrated compressor Pressure thermoforming unit, 100 V, Japan	1		900-2410
<b>TRACK® P-ci con compressore integrato</b> Termoformatrice a pressione, 115 V, USA with integrated compressor Pressure thermoforming unit, 115 V, USA	1		900-2415




## TRACK® P e TRACK® P-ci – Accessori

### TRACK® P and TRACK® P-ci – Auxiliaries

Description	Content		Order No.
<b>Anello di tenuta dischi</b> Foil securing ring	1		900-2301
<b>Porta disco</b> Foil holder	1		900-2302
<b>Supporto</b> Form pot	1		900-2303
<b>Granulato (confezione ricambio) in acciaio, a spigoli arrotondati, 1,3 kg</b> Filling granules, refill package, 1.3 kg	1		900-2001





## TRACK® P e TRACK® P-ci – Accessori

### TRACK® P and TRACK® P-ci – Auxiliaries

Order No.		Content	Description
900-2016		1	<b>Guarnizione per telaio portadischi</b> Sealing for foil reception
900-2017		1	<b>Guarnizione alloggiamento formatura</b> Sealing for form pot
900-2018		1	<b>Set rifinitura TRACK®</b> per tagliare e rifinire le termostampate Finishing set TRACK® for cutting and finishing TRACK® foils

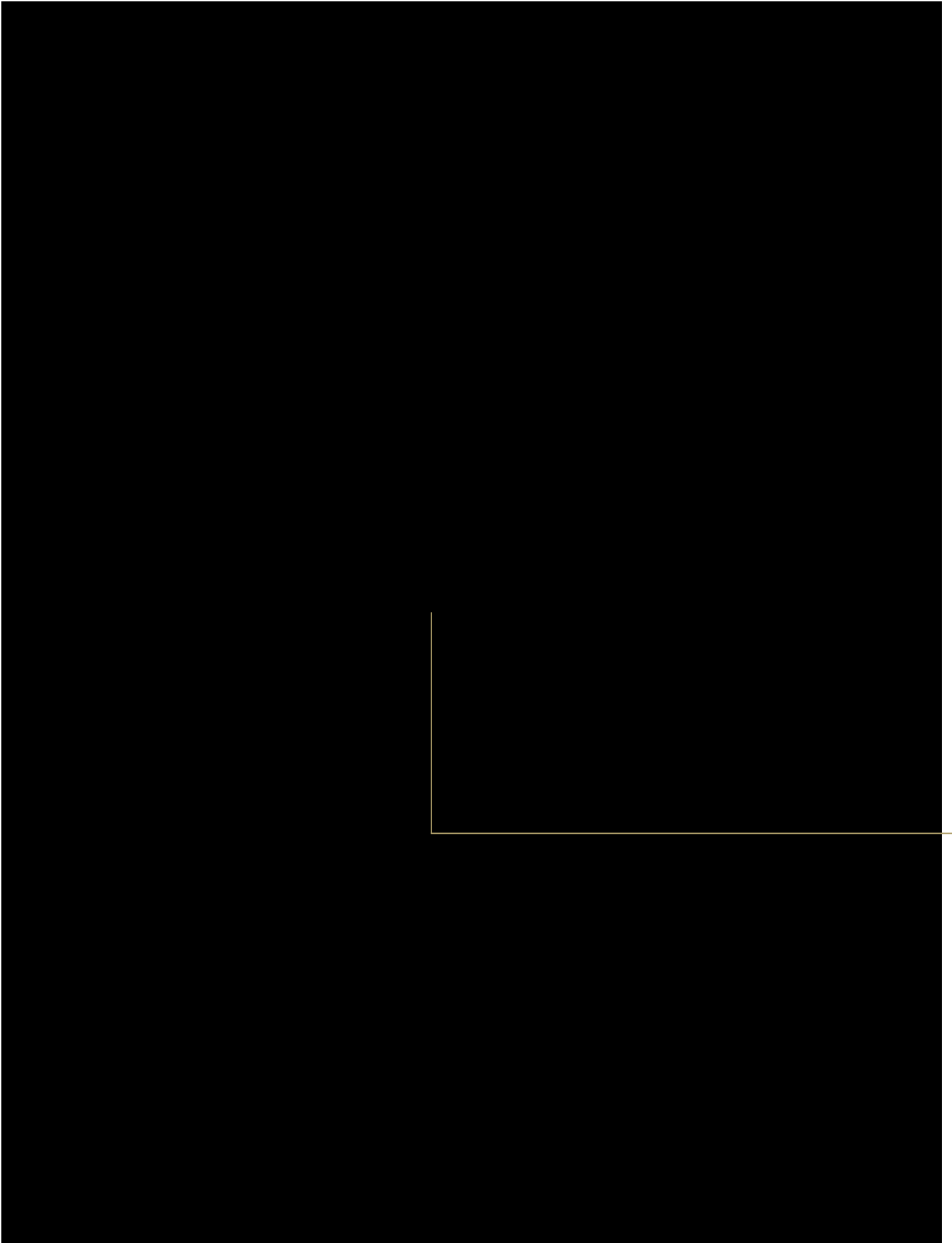
## Accessori

### Accessories

Order No.		Content	Description
100-0006		1	<b>Cacciavite</b> Screw driver
100-0001		100	<b>Chiave per attivare viti d'espansione</b> Key for expansion screws
100-0051		20	<b>Pop-Box – Formato 1:</b> dimensione normale per placche trasversali. Confezione da 20 pezzi. I colori possono cambiare. Su richiesta possiamo realizzare i Pop-Box nel colore che si preferisce con il logo personalizzato. Ordine minimo per richieste personalizzate: 500 pz per colore. <b>Pop-Box size 1:</b> normal size for transversal plates. Package with 20 pieces. Colours vary. On request we can manufacture your Pop-Box in your desired colour and/or printed with your logo. Minimum order quantity special requests: 500 pieces per color. Please contact us.
100-0052		20	<b>Pop-Box – Formato 2:</b> per placche di attivazione e bionatori. Confezione da 20 pezzi. I colori possono cambiare. Su richiesta possiamo realizzare i Pop-Box nel colore che si preferisce con il logo personalizzato. Ordine minimo per richieste personalizzate: 500 pz per colore. . <b>Pop-Box size 2:</b> for activators and bionators. Package with 20 pieces. Colours vary. On request we can manufacture your Pop-Box in your desired colour and/or printed with your logo. Minimum order quantity special requests: 500 pieces per color. Please contact us.




Pinze, strumenti, accessori e prodotti Reliance  
Pliers, instruments, Accessories and Reliance products




# Prodotti Reliance

## Reliance Products


### LIGHT BOND System

Order No.		Description	
422N7300		Light Bond Kit without Fluoride Adhesive in Syringes 4x 5 g Regular	Light Bond Kit without Fluoride Adhesive in Syringes 4x 5 g Regular
422-7300		Light Bond Kit Adhesive in Syringes 4x 5 g Regular	Light Bond Kit Adhesive in Syringes 4x 5 g Regular
422N7301		Light Bond without Fluoride Adhesive in Syringe 5 g Regular	Light Bond without Fluoride Adhesive in Syringe 5 g Regular
422-7301		Light Bond Adhesive in Syringe 5 g Regular	Light Bond Adhesive in Syringe 5 g Regular
422N7310		Light Bond Kit without Fluoride Adhesive in Syringes 4x 5 g Medium	Light Bond Kit without Fluoride Adhesive in Syringes 4x 5 g Medium
422-7310		Light Bond Kit Adhesive in Syringes 4x 5 g Medium	Light Bond Kit Adhesive in Syringes 4x 5 g Medium
422N7311		Light Bond without Fluoride Adhesive in Syringe 5 g Medium	Light Bond without Fluoride Adhesive in Syringe 5 g Medium
422-7311		Light Bond Adhesive in Syringe 5 g Medium	Light Bond Adhesive in Syringe 5 g Medium
422N7321		Light Bond without Fluoride Adhesive in Syringe 5 g Thin	Light Bond without Fluoride Adhesive in Syringe 5 g Thin
422-7321		Light Bond Adhesive in Syringe 5 g Thin	Light Bond Adhesive in Syringe 5 g Thin

### PAD LOCK System


Order No.		Description	
422-7400		Pad Lock Kit Fluoride Adhesive in Syringe	Pad Lock Kit Fluoride Adhesive in Syringe
422N7401		Pad Lock without Fluoride Adhesive in Syringe 4,5 g	Pad Lock without Fluoride Adhesive in Syringe 4,5 g
422-7401		Pad Lock Adhesive in Syringe 4,5 g	Pad Lock Adhesive in Syringe 4,5 g

### ASSURE System

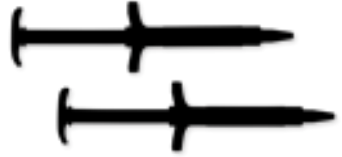
Order No.		Description	
422-7909		ASSURE Universal Bonding Primer and Enhancer 6 cc	ASSURE Universal Bonding Primer and Enhancer 6 cc
422-7926		ASSURE Plus Bonding Primer and Enhancer Unidose	ASSURE Plus Bonding Primer and Enhancer Unidose
422-7924		ASSURE Plus Bonding Primer and Enhancer 2 ml	ASSURE Plus Bonding Primer and Enhancer 2 ml
422-7925		ASSURE Plus Bonding Primer and Enhancer 6 cc	ASSURE Plus Bonding Primer and Enhancer 6 cc

**Prodotti Reliance**  
**Reliance Products**


**Maximum Cure Sealant System**

Order No.		Description	
422-7701		Maximum Cure Sealant A 20 g	Maximum Cure Sealant A 20 g
422-7702		Maximum Cure Sealant B 20 g	Maximum Cure Sealant B 20 g
422-7703		Maximum Cure Sealant A 7 g	Maximum Cure Sealant A 7 g
422-7704		Maximum Cure Sealant B 7 g	Maximum Cure Sealant B 7 g

**ULTRA BAND LOK System**

Order No.		Description	
422N7601		Ultra Band-Lok Band Cement in Syringe, without Fluoride, 5 g, Natural Shade	Ultra Band-Lok Band Cement in Syringe, without Fluoride, 5 g, Natural Shade
422N7611		Ultra Band-Lok Band Cement in Syringe, without Fluoride, 5 g, blue	Ultra Band-Lok Band Cement in Syringe, without Fluoride, 5 g, blue
422-7611		Ultra Band-Lok Band Cement in Syringe, 5 g, blue	Ultra Band-Lok Band Cement in Syringe, 5 g, blue

**BAND LOK System**

Order No.		Description	
422-7620		Band-Lok Kit, Natural shade	Band-Lok Kit, Natural shade

# Prodotti Reliance

## Reliance Products

### GLASS LOK System


Order No.		Description	
422-7650		GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Natural Shade, 15 g	GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Natural Shade, 15 g
422-7651		GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Blue Shade, 15 g	GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Blue Shade, 15 g
422-7652		GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Natural Shade, 25 g	GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Natural Shade, 25 g
422-7653		GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Blue Shade, 25 g	GLASS LOK Dual Cure Glass Ionomer Band Cement, Liquid, Blue Shade, 25 g
422-7654		GLASS LOK Dual Cure Glass Ionomer Band Cement, Powder, 15 g	GLASS LOK Dual Cure Glass Ionomer Band Cement, Powder, 15 g
422-7655		GLASS LOK Dual Cure Glass Ionomer Band Cement, Powder, 100 g	GLASS LOK Dual Cure Glass Ionomer Band Cement, Powder, 100 g
422-7660		GLASS LOK Dual Cure Glass Ionomer Band Cement, Starter-Pack, Natural Shade	GLASS LOK Dual Cure Glass Ionomer Band Cement, Starter-Pack, Natural Shade
422-7661		GLASS LOK Dual Cure Glass Ionomer Band Cement, Starter-Pack, Blue Shade	GLASS LOK Dual Cure Glass Ionomer Band Cement, Starter-Pack, Blue Shade
422-7927		Measuring Scoop for GLASS LOK Band Cement	Measuring Scoop for GLASS LOK Band Cement
422-7928		Mixing Pads for GLASS LOK Band Cement, 75 sheets	Mixing Pads for GLASS LOK Band Cement, 75 sheets

### Phase II System


Order No.		Description	
422N7750		Phase II Kit without Fluoruide, in Jar	Phase II Kit without Fluoruide, in Jar
422-7750		Phase II Kit in Jar	Phase II Kit in Jar
422-7751		Phase II Kit in Syringes	Phase II Kit in Syringes
422-7752		Phase II Paste A in Jar 18 g	Phase II Paste A in Jar 18 g
422-7753		Phase II Paste B in Jar 18 g	Phase II Paste B in Jar 18 g
422-7754		Bonding Resin A 7 g	Bonding Resin A 7 g
422-7755		Bonding Resin B 7 g	Bonding Resin B 7 g
422-7758		Phase II Paste A in Syringe 6 g	Phase II Paste A in Syringe 6 g
422-7759		Phase II Paste B in Syringe 6 g	Phase II Paste B in Syringe 6 g

## Prodotti Reliance Reliance Products


### RELY-A-Bond System

Order No.		Description	
422-7002		Rely-a-Bond Primer with Fluoride 16 g	Rely-a-Bond Primer with Fluoride 16 g
422N7002		Rely-a-Bond Primer without Fluoride 16 g	Rely-a-Bond Primer without Fluoride 16 g


### RELY-A-Bond System

Order No.		Description	
422-7100		Rely-a-Bond Kit with Adhesive in Syringe	Rely-a-Bond Kit with Adhesive in Syringe
422-7101		Rely-a-Bond Paste in 4 Syringes 3,5 g each	Rely-a-Bond Paste in 4 Syringes 3,5 g each

### GoTo Light Cure System

Order No.		Description	
422-7150		GoTo Light Cure Bracket Adhesive in Syringe 4 g	GoTo Light Cure Bracket Adhesive in Syringe 4 g
422-7151		GoTo Light Cure Bracket Adhesive in Tips 10x 4 g	GoTo Light Cure Bracket Adhesive in Tips 10x 4 g














### L.C.R. System

Order No.		Description	
422-7500		L.C.R. Retainer Kit Adhesive in Syringe	L.C.R. Retainer Kit Adhesive in Syringe
422-7501		L.C.R. Retainer Adhesive in Syringe 5 g	L.C.R. Retainer Adhesive in Syringe 5 g

# Reliance - Altri prodotti













## Reliance - More Products

Order No.		Description	
422-7901		Etchant Liquid 9 g	Etchant Liquid 9 g
422-7902		Etchant Gel 9 g	Etchant Gel 9 g
422-7903		Light Bond Sealant with Fluoride 3cc	Light Bond Sealant with Fluoride 3cc
422N7903		Light Bond Sealant without Fluoride 3cc	Light Bond Sealant without Fluoride 3cc
422-7904		Light Bond Sealant with Fluoride 7cc	Light Bond Sealant with Fluoride 7cc
422-7905		Proseal Sealant Light Cure Fluorescing 6 ml	Proseal Sealant Light Cure Fluorescing 6 ml
422-7906		Flow Tain 1,5 g Light Cure Flowable Microfil Composite with Tips	Flow Tain 1,5 g Light Cure Flowable Microfil Composite with Tips
422-7907		Flow Tain LV 1,5 g Light Cure Flowable Microfil Composite with Tips	Flow Tain LV 1,5 g Light Cure Flowable Microfil Composite with Tips
422-7908		Bond a Braid Lingual Retainer Wire 10 wires	Bond a Braid Lingual Retainer Wire 10 wires
422-7910		L.E.D. Proseal Sealant Light Cure 6 ml	L.E.D. Proseal Sealant Light Cure 6 ml
422-7801		Renew Bur 118S	Renew Bur 118S
422-7802		Renew Bur 218	Renew Bur 218
422-7803		Renew Bur 118L	Renew Bur 118L
422-7930		T.K.O. - Composite Bite Turbo Gel Pink Spritze mit 3,4 g	T.K.O. - Composite Bite Turbo Gel Pink Spritze mit 3,4 g

Order No.		Description	
422-7914		Plastic Conditioner 10cc	Plastic Conditioner 10cc
422-7915		Porcelain Conditioner 8cc	Porcelain Conditioner 8cc
422-7916		Metal Primer 8 ml	Metal Primer 8 ml
422-7917		Porc-Etch 9 g	Porc-Etch 9 g
422-7911		Ortho Flex Tech stainless steel 30"	Ortho Flex Tech stainless steel 30"
422-7912		Ortho Flex Tech White Gold 30"	Ortho Flex Tech White Gold 30"
422-7918		Retainium for lingualretainer, 10 wires	Retainium for lingualretainer, 10 wires
422-7919		Bond Aligner 1,4 g	Bond Aligner 1,4 g
422-7921		Gel Etchant in Syringe and 5 x +100 Tips	Gel Etchant in Syringe and 5 x +100 Tips
422-7922		1 x +20 Tips	1 x +20 Tips
422-7923		Single Blue Gel Etchant in Syringe with 10 Tips	Single Blue Gel Etchant in Syringe with 10 Tips
422-7920		Economy Etchant Liquid 23 g	Economy Etchant Liquid 23 g
422-7929		Nylon spatuala, 50 pcs.	Nylon spatuala, 50 pcs.
422-7804		Friction Grip, 12 pcs.	Friction Grip, 12 pcs.

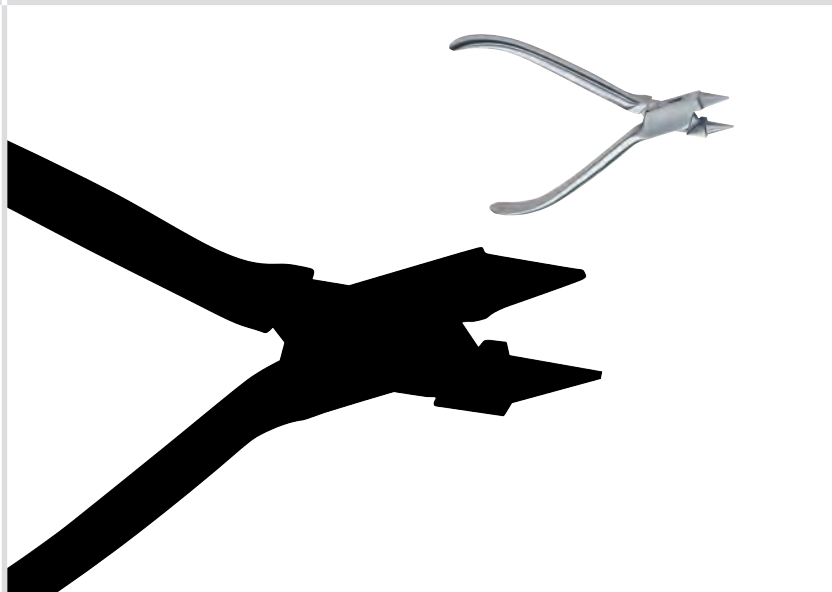
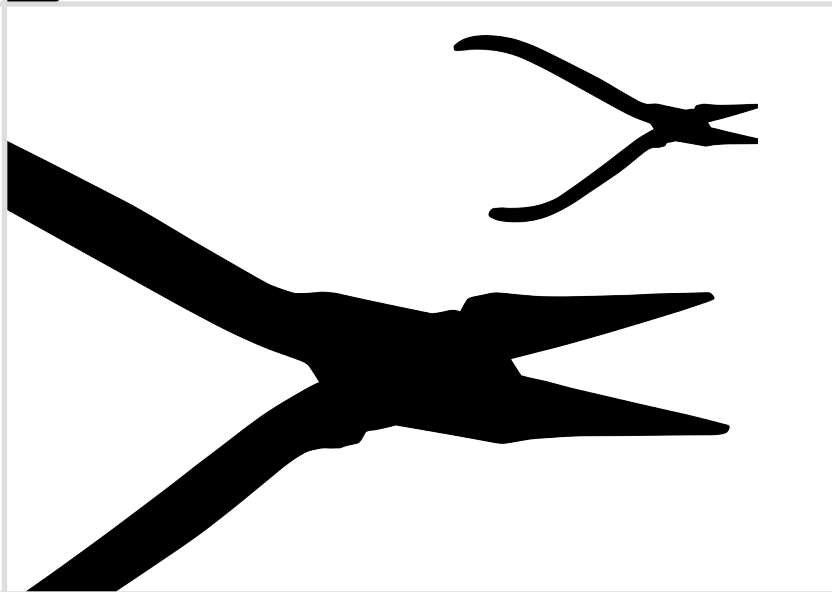
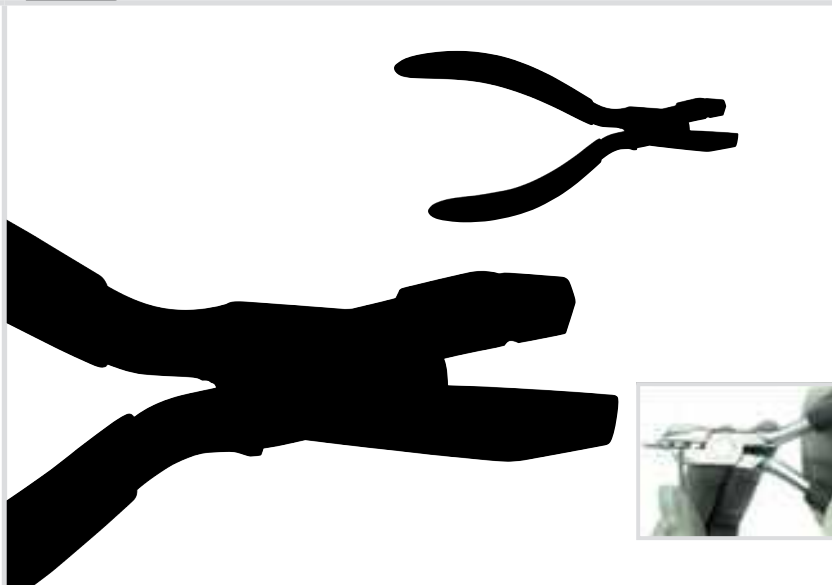
## Reliance - Altri prodotti

### Reliance - More Products

Order No.		Description	
422-7331		Light Bond with fluoride-adhesive in tips 5g	Light Bond with fluoride-adhesive in tips 5g
422-7332		Light Bond with fluoride-adhesive in tips 5g Thin	Light Bond with fluoride-adhesive in tips 5g Thin
422-7333		Light Bond in tips 5g Medium	Light Bond in tips 5g Medium
422-7334		Perfect-a-smile Pontic Putty paste in syringe 5g	Perfect-a-smile Pontic Putty paste in syringe 5g
422-7451		Perfect-a-Smile Shade A1 4g	Perfect-a-Smile Shade A1 4g
422-7452		Perfect-a-Smile Shade A2 4g	Perfect-a-Smile Shade A2 4g
422-7453		Perfect-a-Smile Shade A3.5 4g	Perfect-a-Smile Shade A3.5 4g
422-7459		Perfect-a-Smile paste medium 4g	Perfect-a-Smile paste medium 4g
422-7502		L.C.R. paste 1,5g	L.C.R. paste 1,5g
422-7503		L.C.R. paste in tips 5g	L.C.R. paste in tips 5g
422-7550		Excel Regular kit in jar	Excel Regular kit in jar
422-7805		Friction Grip (Grey renew system point #383)	Friction Grip (Grey renew system point #383)

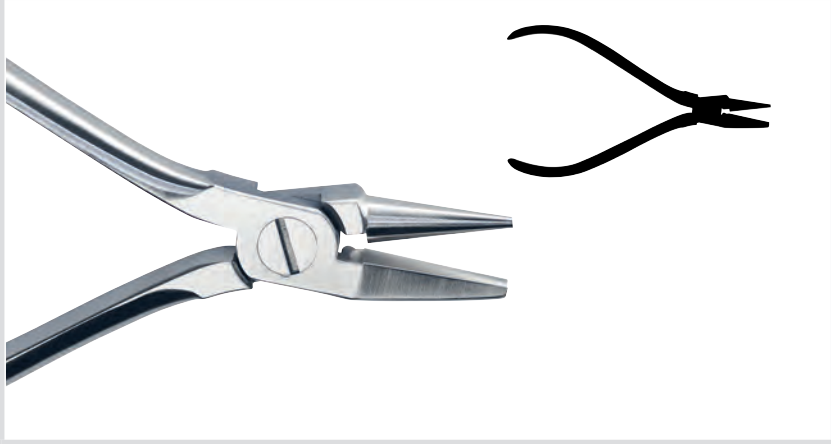
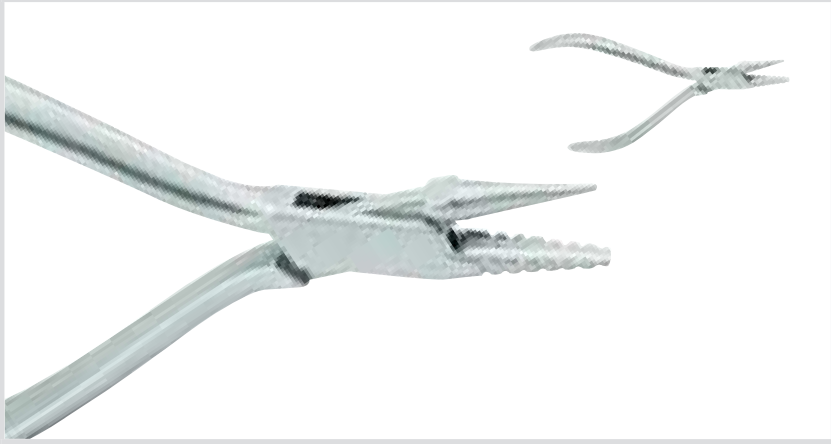
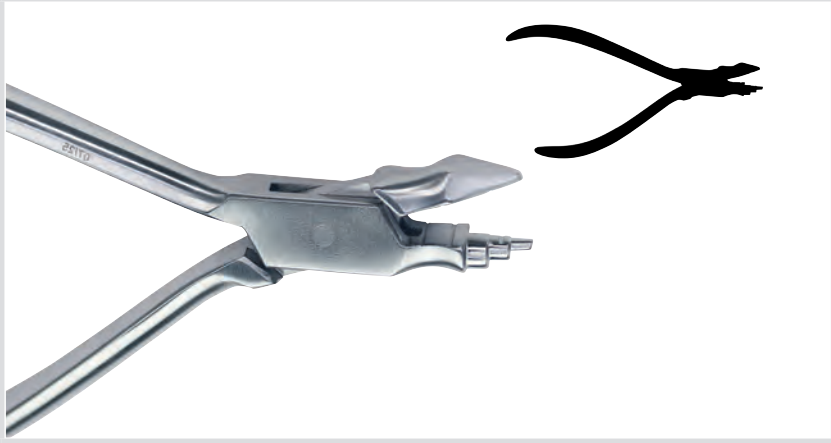

Order No.		Description	
422-7931		Self Etching Primer-Promo Kit	Self Etching Primer-Promo Kit
422-7932		Self Etching Primer-Refill Cartridge 4ml	Self Etching Primer-Refill Cartridge 4ml
422-7933		Therma-Cure in syringe 5g	Therma-Cure in syringe 5g
422-7934		Retainium XL 6" Wires	Retainium XL 6" Wires
422N7551		Excel Regular Paste A without fluoride in jar 12g	Excel Regular Paste A without fluoride in jar 12g
422N7552		Excel Regular Paste B without fluoride in jar 12g	Excel Regular Paste B without fluoride in jar 12g
422N7553		Excel Regular Paste A without fluoride in syringe 6g	Excel Regular Paste A without fluoride in syringe 6g
422N7554		Excel Regular Paste B without fluoride in syringe 6g	Excel Regular Paste B without fluoride in syringe 6g

## Pinze per modellare fili Wire bending pliers

Order No.		Description
501-0402		<p><b>Pinza di Adams</b> con una punta conica e l'altra triangolare, per fili fino <math>\varnothing</math> 0,7 mm, disinfettabile e sterilizzabile</p> <p><b>Adams pliers</b> with one pyramid and one cone beak, normal, for wires up to <math>\varnothing</math> 0.7 mm, disinfectable, sterilisable</p>
501-0202		<p><b>Pinza</b> a becchi piatti sottili, per fili fino <math>\varnothing</math> 0,7 mm, disinfettabile e sterilizzabile</p> <p><b>Flat pliers</b> both sides grooved, narrow, for wires up to <math>\varnothing</math> 0.7 mm, disinfectable, sterilisable</p>
501-0709		<p><b>Pinza per espansori rapidi</b> per fili fino <math>\varnothing</math> 1,5 mm</p> <p><b>Pliers for the palatal split screw</b> for wires up to <math>\varnothing</math> 1.5 mm</p>

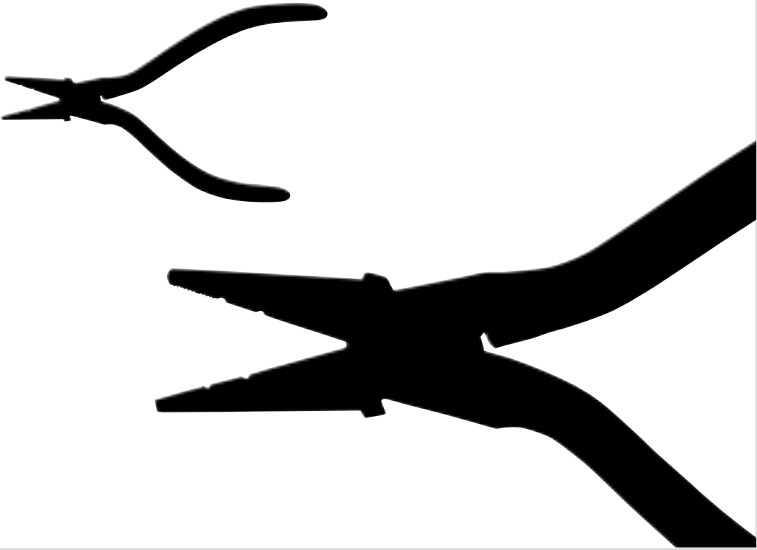
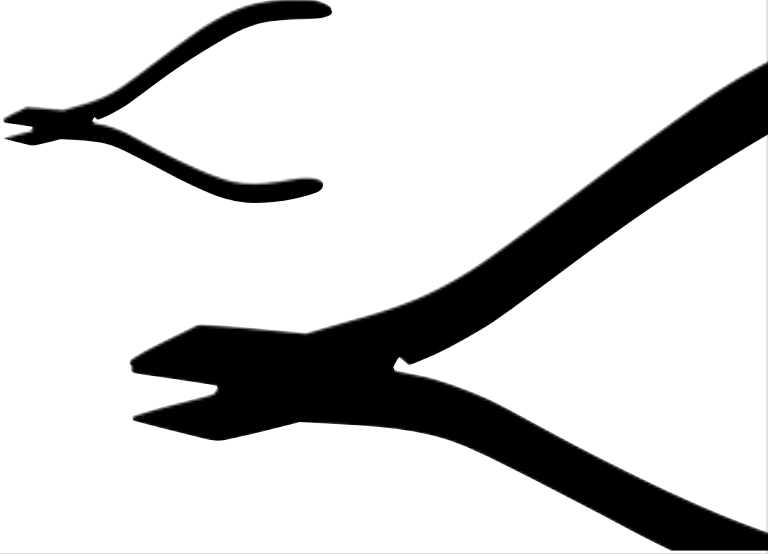
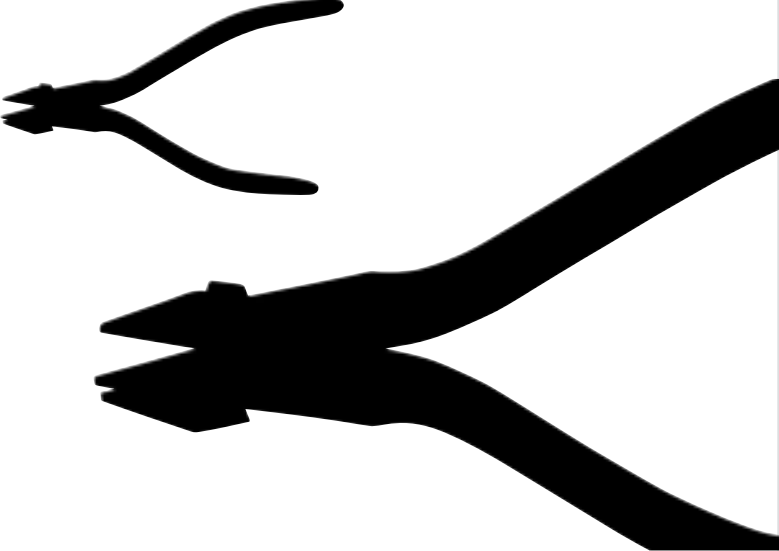
## Pinze per modellare fili

### Wire bending pliers

Order No.		Description
501-0502		<p><b>Pinza concavo/convessa media</b> per fili fino <math>\varnothing</math> 0,8 mm, disinfettabile e sterilizzabile</p> <p><b>Medium sized bending pliers</b> for wires up to <math>\varnothing</math> 0.8 mm, disinfectable, sterilisable</p>
501-0503		<p><b>Pinza concavo/convessa media</b> con scanalature, per fili fino <math>\varnothing</math> 0,7 mm</p> <p><b>Bending pliers</b> with graduation, medium fine, for wires up to <math>\varnothing</math> 0.7 mm</p>
501-0211		<p><b>Pinza di Young</b> Universale, per fili fino <math>\varnothing</math> 0,7 mm</p> <p><b>Young loop bending pliers</b> universal pliers for bending loops, for wires up to <math>\varnothing</math> 0.7 mm</p>
501-0864		<p><b>Pinza speciale Nakajima</b> per fili fino <math>\varnothing</math> .022" x .028"</p> <p><b>Special pliers</b> max. .022" x .028"; shape according to Nakajima</p>

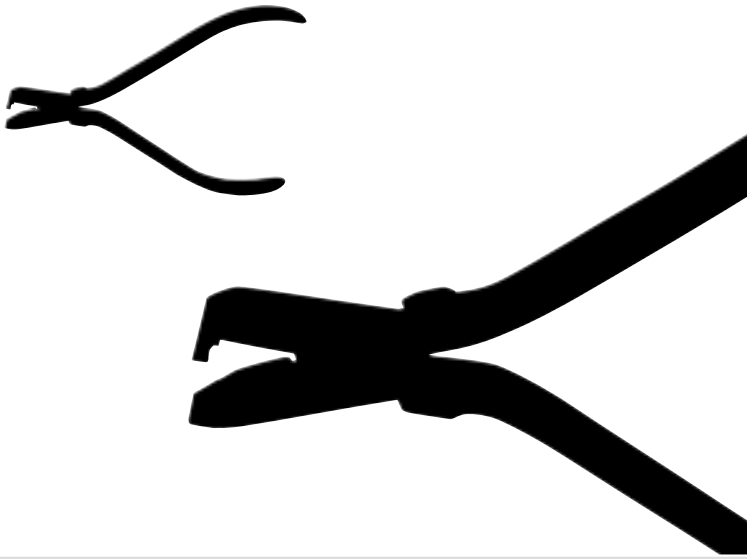
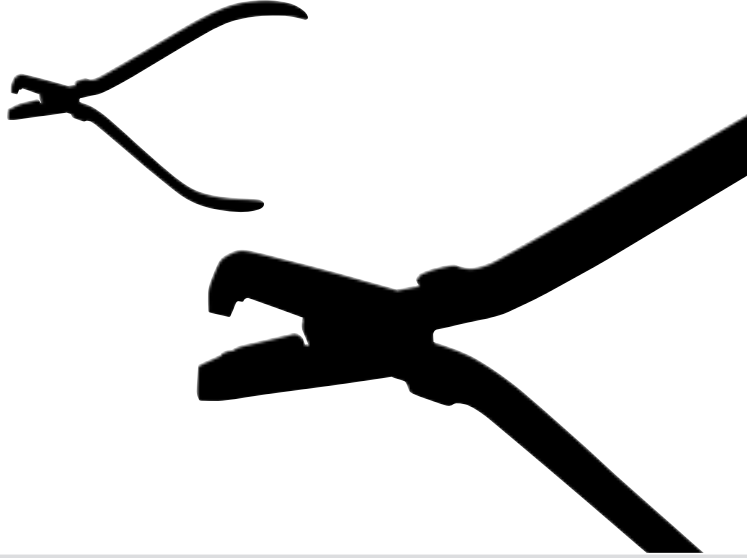
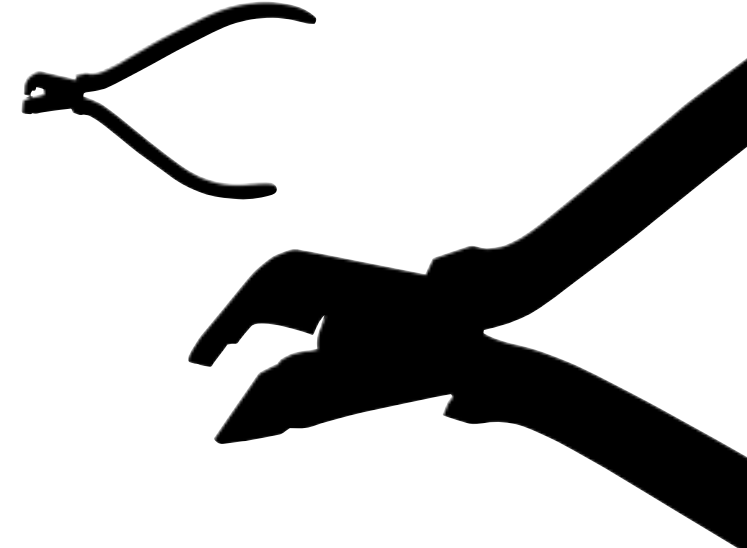
## Pinze per modellare fili

### Wire bending pliers

Description		Order No.
<p><b>Pinza</b> a becchi piatti e sottili, con punte scanalate su entrambi i lati, per fili fino <math>\varnothing</math> 0,8 mm</p> <p><b>Pointed flat nose pliers</b> with grooved points, with guide grooves on both sides, for wires up to <math>\varnothing</math> 0.8 mm</p>		501-0210
<p><b>Pinza a tre becchi (Aderer)</b> con punte sottili e strette, per fili fino <math>\varnothing</math> 0,4 mm = .016", disinfettabile e sterilizzabile</p> <p><b>Aderer pliers</b> with narrow standing points, for bending wires up to <math>\varnothing</math> 0.4 mm = .016", disinfettable, sterilisable</p>		501-0707
<p><b>Pinza a tre becchi (Aderer)</b> per fili fino <math>\varnothing</math> 0,9 mm, disinfettabile e sterilizzabile</p> <p><b>Aderer pliers</b> for bending wires up to <math>\varnothing</math> 0.9 mm, disinfettable, sterilisable</p>		501-0701





## Tronchesi distali

### Pliers for fixed appliances

Description		Order No.
<p><b>Tronchese distale mini</b> con trattenuta, per fili fino <math>\varnothing</math> .021" x .025", disinfettabile e sterilizzabile</p> <p><b>Safety-hold end cutter mini</b> especially small, max. .021" x .025", disinfectable, sterilisable</p>		501-0805
<p><b>Tronchesino distale medio</b> con trattenuta, per fili fino <math>\varnothing</math> .022" x .028", disinfettabile e sterilizzabile</p> <p><b>Distal cutter medium</b> with retaining beaks for hard wires up to .022" x .028", disinfectable, sterilisable</p>		501-0807
<p><b>Tronchese distale maxi</b> con trattenuta, per fili da laboratorio fino <math>\varnothing</math> .022" x .028", disinfettabile e sterilizzabile</p> <p><b>Distal cutter maxi</b> with retaining beaks for hard wires up to .022" x .028", disinfectable, sterilisable</p>		501-0806

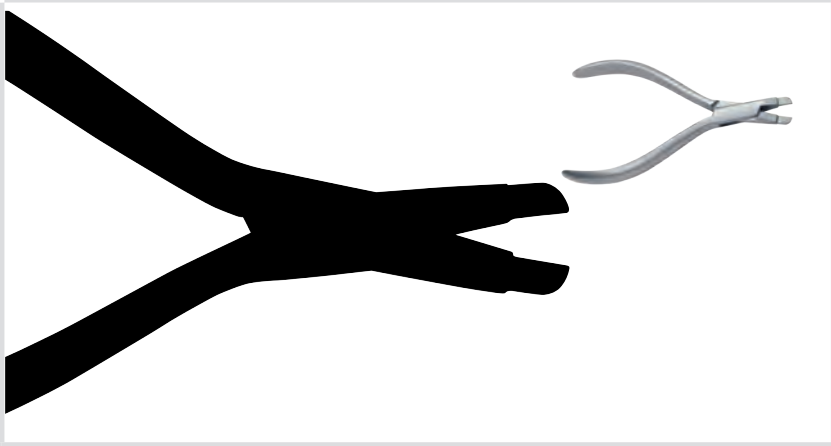
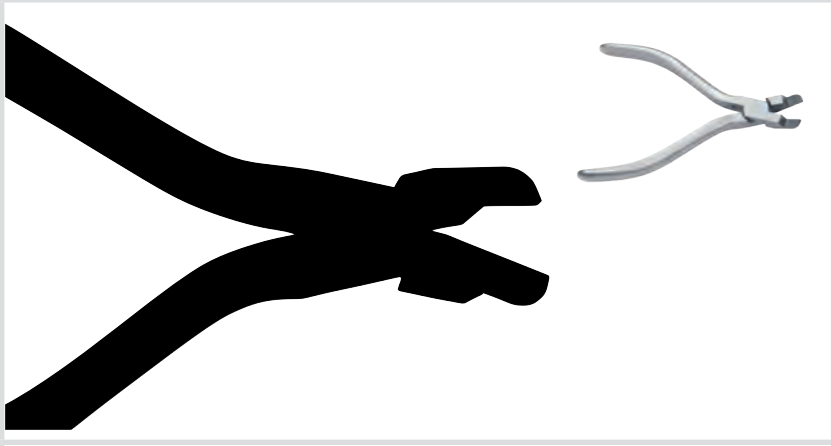
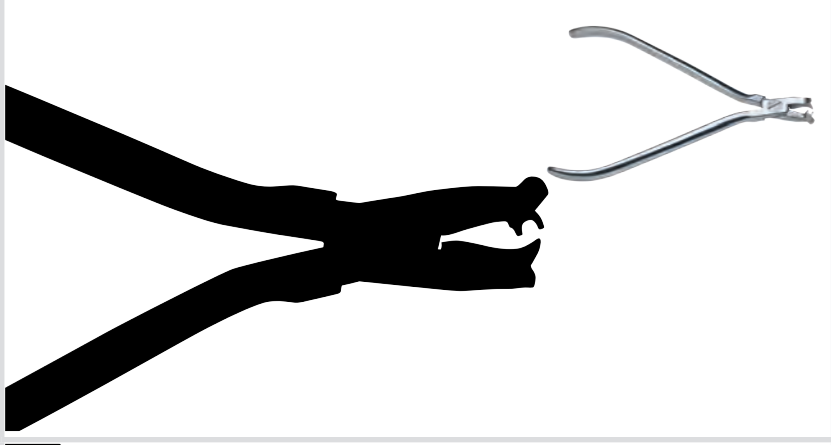
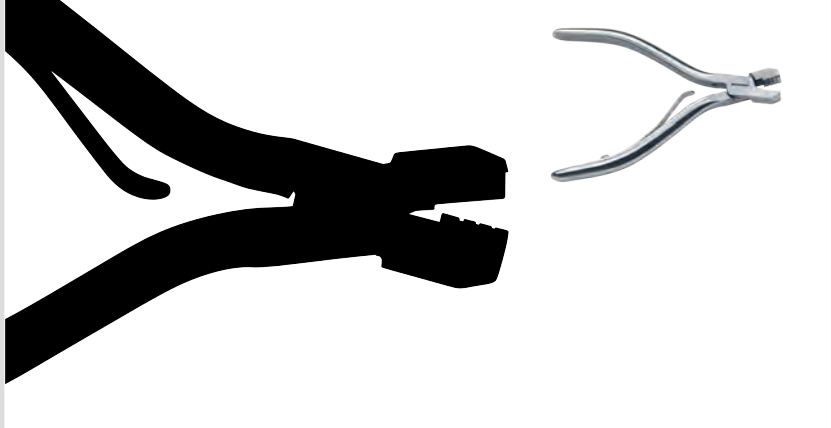
## Pinze Speciali

### Special pliers for fixed appliances

Order No.		Description
501-0802		<p><b>Tronchese per legature</b> fino <math>\varnothing</math> 0,35 mm = .014" pin, legature e fili morbidi sottili, con inserti in carburo di tungsteno, disinfettabile e sterilizzabile</p> <p><b>Side nippers medium</b> for lock pins and ligatures, for soft thin wires (0.4 mm = .016"), with hard metal insert, disinfectable, sterilisable</p>
501-0819		<p><b>Tronchese</b> per fili fino <math>\varnothing</math> 0,7 mm, con inserti in carburo di tungsteno, disinfettabile e sterilizzabile</p> <p><b>Hard wire cutter</b> for cutting hard wires up to max. 0.7 mm, with hard metal insert, disinfectable, sterilisable</p>
501-0801		<p><b>Tronchese</b> per legature fino <math>\varnothing</math> 0,35 mm = .014", con inserti in carburo di tungsteno, disinfettabile e sterilizzabile</p> <p><b>Side nippers mini</b> for lock pins and ligatures (0.35 mm = .014" soft), with hard metal insert, disinfectable, sterilisable</p>
501-0809		<p><b>Pinza di Weingart</b> per fili fino <math>\varnothing</math> 0,7 mm = .028", disinfettabile e sterilizzabile</p> <p><b>Weingart universal lightwire pliers</b> max. 0.7 mm = .028", disinfectable, sterilisable</p>

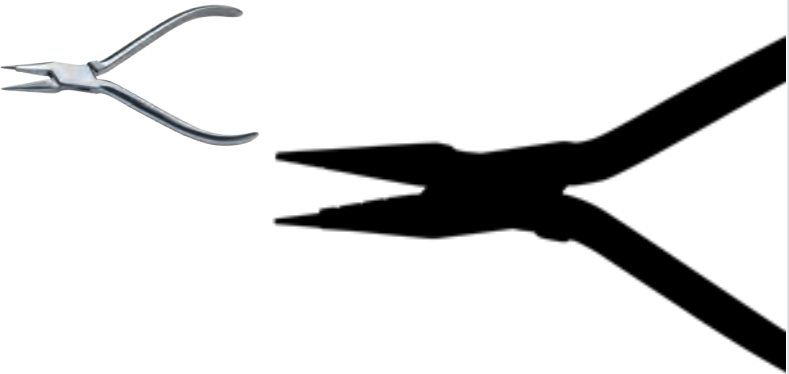

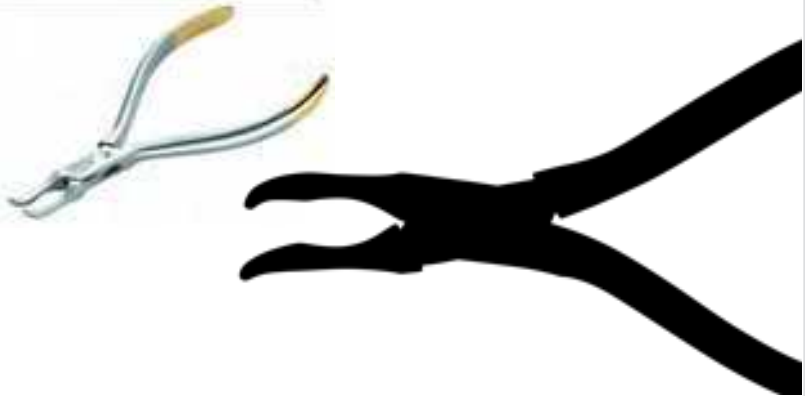

## Pinze Speciali

### Special pliers for fixed appliances

Order No.		Description
501-0820		<p><b>Pinza di Tweed piatta per torque</b> per fili fino <math>\varnothing .020'' \times .028''</math>, con inserti in carburo di tungsteno, disinfettabile e sterilizzabile</p> <p><b>Angle bending pliers</b> max. <math>.020'' \times .028''</math>, with hard metal insert, disinfectable, sterilisable</p>
501-0839		<p><b>Pinza di Tweed piatta angolata per torque</b> per fili fino <math>\varnothing .020'' \times .028''</math>, necessarie due pinze, disinfettabile e sterilizzabile</p> <p><b>Arch torquing and bending pliers</b> max. <math>.020'' \times .028''</math>, one pair needed, disinfectable, sterilisable</p>
501-0874		<p><b>Pinza Cinch back</b> per fili fino <math>\varnothing 0,3 - 0,7 \text{ mm} = .012'' - .028''</math>, disinfettabile e sterilizzabile</p> <p><b>Archwire bending plier "Hammerhead"</b> max. <math>0.3 - 0.7 \text{ mm} = .012'' - .028''</math>, disinfectable, sterilisable*</p>
501-0822		<p><b>Pinza De La Rosa</b> con inserti in carburo di tungsteno, per modellare fili fino <math>\varnothing .016'' / .018'' / .022''</math>, disinfettabile e sterilizzabile</p> <p><b>De La Rosa pliers</b> for contouring lightwire arches and bands, with hard metal insert, max. <math>.016'' / .018'' / .022''</math>, disinfectable, sterilisable</p>









## Pinze Speciali

### Special pliers for fixed appliances

Description		Order No.
<p><b>Pinza di Weingart per fili sottili</b> ideale per chiudere le alette degli attacchi linguali 2D, disinfettabile e sterilizzabile</p> <p><b>Light wire bending pliers</b> according to Prof. Jarabak, max. 0.5 mm (hard), disinfettable, sterilisable</p>		501-0810
<p><b>Pinza di Jarabak</b> per fili fino <math>\varnothing</math> 0,7 mm (duro), disinfettabile e sterilizzabile</p> <p><b>Light wire pliers</b> for wires up to <math>\varnothing</math> 0.50 mm = .020" with cutter Begg, with hard metal insert, disinfettable, sterilisable</p>		501-0865
<p><b>Pinza di Begg con tronchese</b> per fili fino <math>\varnothing</math> 0,5 mm = .020", con inserti in carburo di tungsteno, disinfettabile e sterilizzabile</p> <p><b>Durogrip Wire holding pliers ultralightwire</b> disinfettable, sterilisable, especially suitable for closing 2D<sup>®</sup> Lingual brackets</p>		501-0849
<p><b>Pinza per legature linguali 2D</b> Disinfettabile, sterilizzabile, adatta per la chiusura di bracket linguali 2D<sup>®</sup>.</p> <p><b>2D Lingual Ligature pliers</b> Disinfettable, sterilisable, Suitable for closing 2D<sup>®</sup> Lingual brackets</p>		501-0850

# Pinze Speciali

## Special pliers for fixed appliances

Description			Order No.
<p><b>Pinza toglì attacchi angolata,</b> disinfettabile e sterilizzabile</p> <p><b>Bracket removing pliers</b> angulated, disinfectable, sterilisable</p>			501-0825
<p><b>Pinza toglì attacchi con cappuccio di protezione,</b> disinfettabile e sterilizzabile</p> <p><b>Bracket removing pliers</b> with plastic insert, disinfectable, sterilisable</p>			501-0815
<p><b>Pinza toglì attacchi estetici</b> con tacca, disinfettabile e sterilizzabile</p> <p><b>Ceramic bracket debonding plier</b> with notch, disinfectable, sterilisable</p>			C501-0828
<p><b>Pinza toglì bande con cappuccio di protezione,</b> disinfettabile e sterilizzabile</p> <p><b>Band removing pliers</b> disinfectable, sterilisable</p>			501-0816
<p><b>Pinza per aprire tubi convertibili</b> disinfettabile e sterilizzabile</p> <p><b>Conversion plier for buccal tubes</b> disinfectable, sterilisable</p>			501-0817


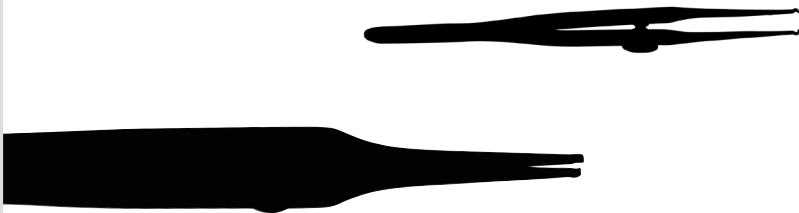

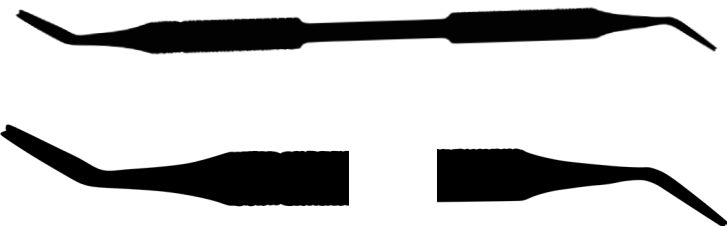
**501P0815**  
Cappucci per pinza 501-0815 |  
Plugs for pliers 501-0815

**501P0816**  
Cappucci per pinza 501-0816 |  
Plugs for pliers 501-0816

**501-0818**  
Lama di ricambio |  
Replacement blade





## Pinza e Strumenti Speciali

### Special pliers and instruments for fixed appliances

Order No.		Description
501-0870		<p><b>Pinza per separatori elastici</b> disinfettabile e sterilizzabile</p> <p><b>Separating pliers</b> disinfectable, sterilisable</p>
501-0869		<p><b>Pinza per legature elastiche</b> disinfettabile e sterilizzabile</p> <p><b>Ligature-forceps</b> disinfectable, sterilisable</p>
501-0838		<p><b>Applicatore di legature "Twirl-on"</b> disinfettabile e sterilizzabile</p> <p><b>Twirl-on instrument</b> disinfectable, sterilisable</p>
501-0843		<p><b>Sonda speciale 2D®</b> con direzionatore ideale per aprire gli attacchi linguali 2D®, disinfettabile e sterilizzabile</p> <p><b>Special explorer with director</b> to open the lingual brackets, disinfectable, sterilisable</p>

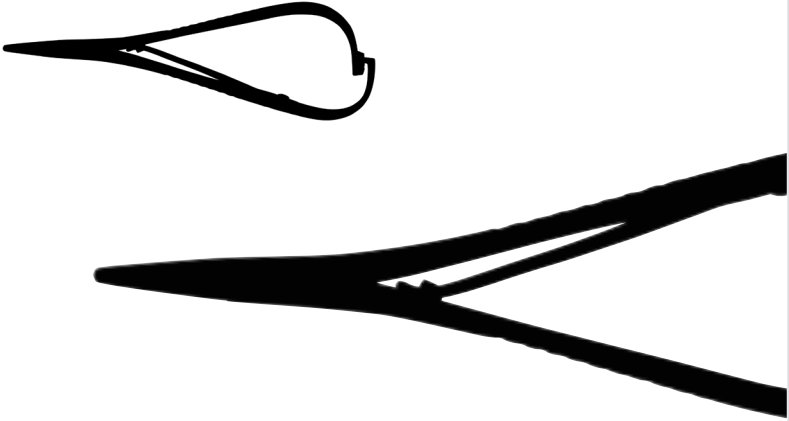
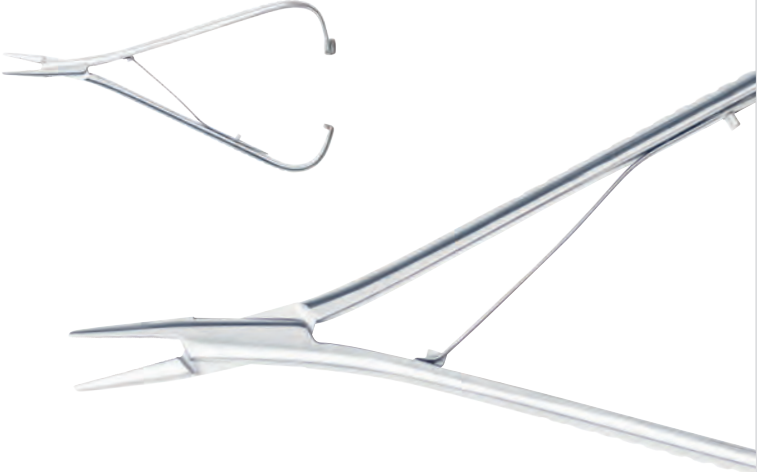

## Pinza e Strumenti Speciali

### Special pliers and instruments for fixed appliances


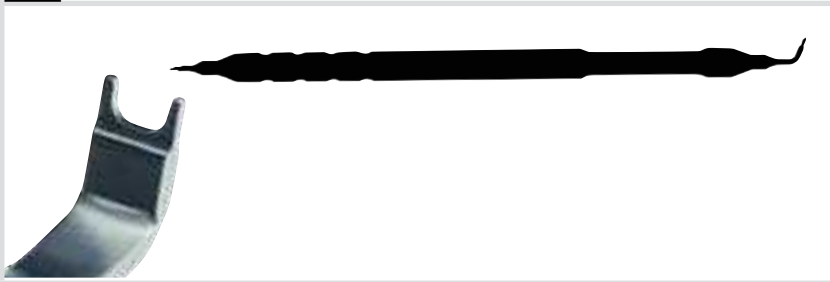



Order No.		Description
501-0867		<p><b>Pinzetta per posizionare attacchi</b> anche linguali, con punte sottili, disinfettabile e sterilizzabile</p> <p><b>Bracket locating tweezers</b> small model, also suitable for lingual treatment, disinfectable, sterilisable</p>
501-0866		<p><b>Pinzetta per posizionare attacchi</b>, con punte studiate per facilitare il posizionamento dei brackets Edgewise Standard, disinfettabile e sterilizzabile.</p> <p><b>Clamping tweezers</b> for locating DB-brackets. The joint serves for the angulation of Edgewise-Brackets, disinfectable, sterilisable.</p>
501-0223		<p><b>Pinzetta brackets linguali 2D® 3 mm</b> per posizionare gli attacchi ad altezza preimpostata, disinfettabile e sterilizzabile</p> <p><b>2D® Lingual bracket tweezer – 3 mm</b> disinfectable, sterilisable</p>
501-0852		<p><b>Pinzetta per posizionare tubi</b> punte sottili, disinfettabile e sterilizzabile</p> <p><b>Buccal tube setting forceps</b> delicate design, disinfectable, sterilisable</p>

## Pinza e Strumenti Speciali





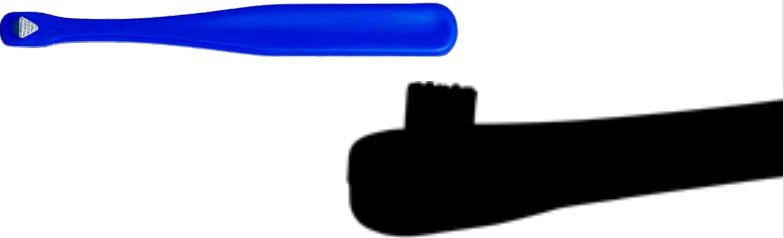

### Special pliers and instruments for fixed appliances

Description		Order No.
<p><b>Porta aghi Mathieu</b> con riporti in tungsteno, disinfettabile e sterilizzabile</p> <p>Needle holder Mathieu with hard metal beaks, disinfectable, sterilisable</p>		501-0708
<p><b>Porta aghi Mathieu</b> disinfettabile e sterilizzabile</p> <p>Needle holder Mathieu disinfectable, sterilisable</p>		501-0705
<p><b>Pinza Mosquito</b> per applicare elastici, disinfettabile e sterilizzabile</p> <p>Mosquito forceps for application of elastics, disinfectable, sterilisable</p>		501-0830

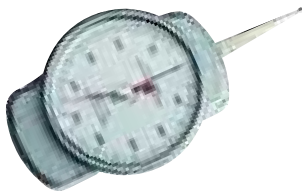



## Sonde e Strumenti Speciali Instruments

Order No.		Description
501-1845		<p><b>BioQuick® (5. Generazione)</b> Nuovo strumento di apertura, a doppia faccia</p> <p><b>BioQuick® (5. Generation)</b> New opening instrument, two-sided</p>
501-1846		<p><b>Sonda a due punte per BioQuick® (5. Generazione)</b> con funzione di arresto per un'apertura sicura, bifacciale)</p> <p><b>Two-prong probe for BioQuick® (5. Generation)</b> with stop function for safe opening, two-sided)</p>
501-0861		<p><b>Sonda "Collar" per tutti i brackets della serie Quick, disinfettabile e sterilizzabile</b> Attenzione: con i brackets QuickClear® usare solo nel foro vestibolare!</p> <p><b>Archwire director</b> disinfectable, sterilisable</p>
C501-0815		<p><b>Sonda doppia "a forchetta"</b> La clip si apre con un movimento rotatorio, da entrambi i lati ruotando la punta a forchetta, disinfettabile e sterilizzabile</p> <p><b>Pauls-Tool</b> for debonding of Glam®, TruKlear® I brackets, double sided</p>
C501-0816		<p><b>Direzionatore speciale per archi</b> disinfettabile e sterilizzabile</p> <p><b>Pauls-Tool</b> for debonding of QuickClear®, TruKlear® I brackets, double sided</p>



## Direzionatori, Spingibande e Strumenti Speciali Instruments

Description		Order No.
<p><b>Direzionatore di legature</b> disinfettabile e sterilizzabile</p> <p><b>Ligature director</b> disinfectable, sterilisable</p>		501-0833
<p><b>Tucker per archi (direzionatore)</b> disinfettabile e sterilizzabile</p> <p><b>Archwire tucker</b> disinfectable, sterilisable</p>		501-0855
<p><b>Strumento di utilità e spingibande</b> disinfettabile e sterilizzabile</p> <p><b>Band seating instrument and scaler</b> disinfectable, sterilisable</p>		501-0846
<p><b>Spingibande (Mershon)</b> disinfettabile e sterilizzabile</p> <p><b>Band pusher</b> disinfectable, sterilisable</p>		501-0828
<p><b>Spingibande in plastica</b> con inserto in metallo, disinfettabile e sterilizzabile</p> <p><b>Molar band seater</b> with hard metal insert, disinfectable, sterilisable</p>		501-0868
<p><b>Sonda doppia per aprire le clip</b> di tutti i brackets Quick e TruKlear®, disinfettabile e sterilizzabile</p> <p><b>Classic opening instrument</b> For all brackets of the Quick range and TruKlear®, double sided, disinfectable, sterilisable</p>		C501-1842

## Altimetri e Calibri Instruments

Order No.		Description
501-0842		<p><b>Dinamometro "a orologio"</b> per misurare forze da 50 a 500 gr Stress and tension gauge measuring range 50–500 g</p>
505-0002		<p><b>Tray per pinze</b> 15 posti, dimensioni 30 x 25 x 6 cm 15 compartments, size 30 x 25 x 6 cm</p>
501-0871		<p><b>Misuratore "a croce" – altimetro</b> Bracket positioning boone gauge</p>
506-0001		<p><b>Calibro</b> modello Zurigo per misurazioni interne ed esterne Vernier gauge caliper for practice and laboratory Model Zürich for inside and outside measurements</p>

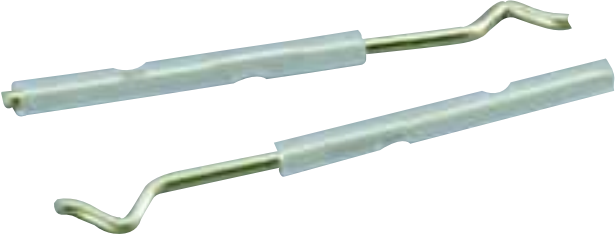

## Pinze da laboratorio Universal cutting pliers

Description		Order No.
<p><b>Tronchese da laboratorio</b> per fili fino <math>\varnothing</math> 1,2 mm</p> <p><b>Heavy wire cutter</b> for hard wires up to <math>\varnothing</math> 1.2 mm</p>	 The image shows two pairs of pliers. The top pair is a heavy wire cutter with long, thick handles and a robust, curved jaw. The bottom pair is a laboratory wire cutter with shorter, thinner handles and a more delicate, curved jaw.	501-0103
<p><b>Pinza Universale</b> con tronchese, per fili duri fino <math>\varnothing</math> 1,2 mm, morbidi fino <math>\varnothing</math> 1,5 mm</p> <p><b>Pin and universal technique pliers</b> with cutter, max. <math>\varnothing</math> 1,0 mm hard</p>	 The image shows two pairs of pliers. The top pair is a universal pin plier with long, thin handles and a curved jaw. The bottom pair is a universal technique plier with long, thin handles and a curved jaw that includes a small cutting edge.	501-0204

## Accessori per realizzare bite gnatologici\*

### Accessories for the manufacture of the gnathological positioner\*

\*acc. to Prof. Dr. F. G. Sander

Order No.		Content	Description
900-1210		100 pezzi 100 pieces	<b>Mobil-Pin</b> con tubo di protezione <b>Mobil-Pin</b> covered with a plastic tube
900-1211		2 pezzi 2 pieces	<b>Posizionatori trasparenti</b> <b>Positioner blank</b>

## Retrattori

### Equipment for surgery and laboratory

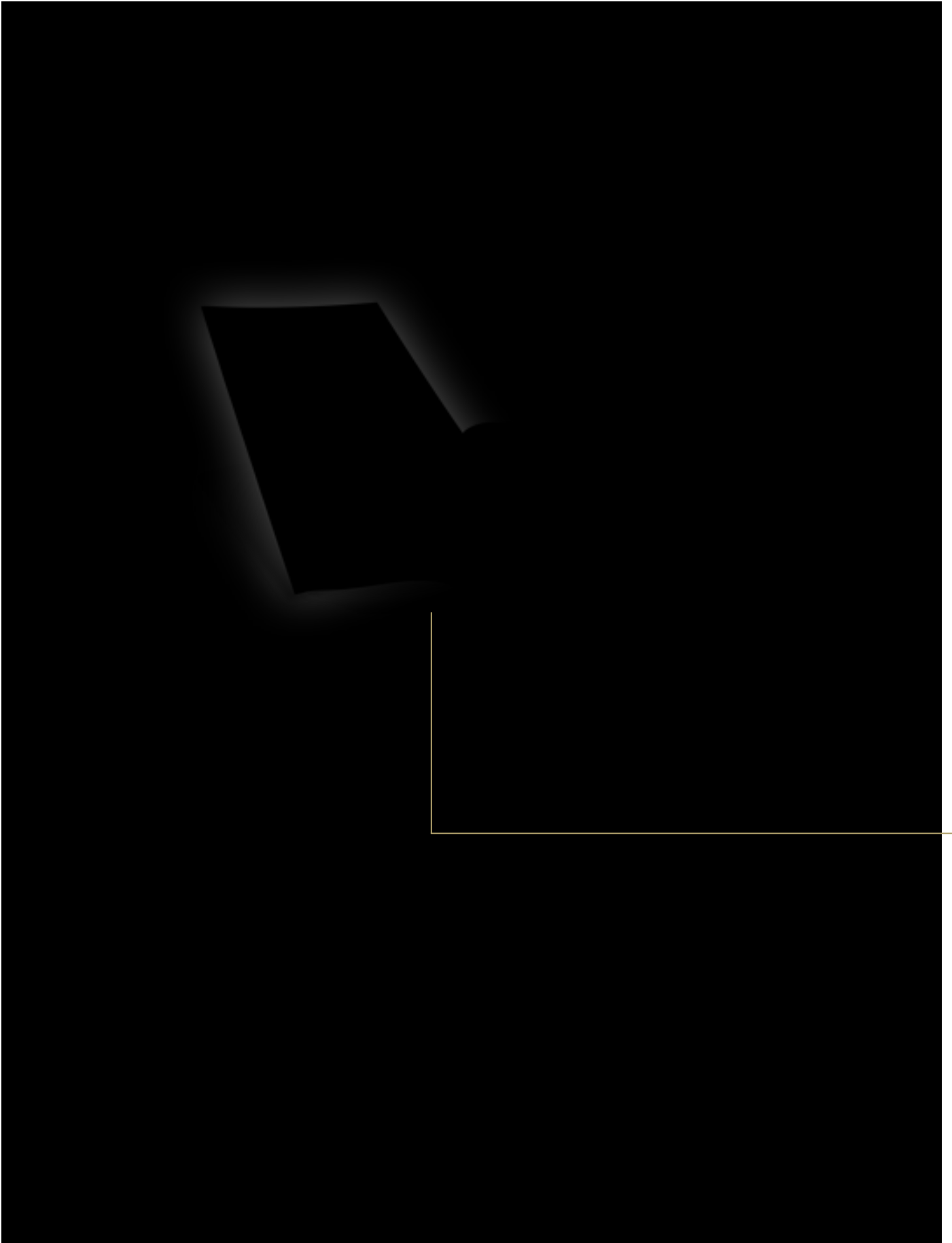
Order No.		Description
424-0001		<b>Retrattore per guance</b> 2 pezzi <b>Lip- and cheek-retractor</b> for spacious view of full arch, 2 pieces

## Cofanetti per attacchi

### Equipment for surgery and laboratory

Description		Order No.
<p><b>Cofanetto per attacchi QuicKlear®</b> fino a 3 casi completi</p> <p>QuicKlear® Bracket container up to 3 cases maxillary and mandibular</p>		900-1127
<p><b>Cofanetto per attacchi QuicKlear®</b> fino a 6 casi completi</p> <p>QuicKlear® Bracket container up to 6 cases maxillary or mandibular</p>		900-1128
<p><b>Cofanetto per attacchi</b> fino a 10 casi completi</p> <p>Bracket container for maxillary and mandibular</p>		900-1126
<p><b>Cofanetto per bande</b> superiori e inferiori, togliendo il coperchio, può essere usato nel cassetto portabande</p> <p>Band container can be stacked, after removal of the lid, it can be inserted into the band box, for max. + mand. molars</p>		900-1107

Poster, materiale pubblicitario e typodont dimostrativi  
Posters, advertising materials and models



## Materiale pubblicitario Advertising material



\*Esempi / Examples



### Scansiona il codice QR

Scansionate il codice QR e accedete direttamente al nostro materiale pubblicitario. Qui troverete ulteriori informazioni, dettagli e file scaricabili.

### Scan the QR-Code

Scan the QR code to go directly to our advertising materials. There you will find further information, details, and downloadable files.

## Poster e Brochure per i pazienti

### Poster and Patient flyer



Order No.	Content	Description	
100-0083	1	Poster 2D® Lingual per la sala d'attesa	Poster 2D® Lingual for the waiting room
100E0079 – English	1	Brochure per i pazienti 2D® Lingual Brackets	Patient flyer 2D® Lingual Brackets
100-0068	1	Poster BioQuick® Brackets per la sala d'attesa	Poster BioQuick® Brackets for the waiting room
100E0086 – English	1	Brochure per i pazienti BioQuick® Brackets	Patient flyer BioQuick® Brackets
100-0105	1	Poster Micro Sprint® Brackets per la sala d'attesa	Poster Micro Sprint® Brackets for the waiting room
100E0102 – English	1	Brochure per i pazienti Sprint® Brackets	Patient flyer Sprint® Brackets
100-0103	1	Poster GLAM® Brackets "Uomo" per la sala d'attesa	Poster GLAM® Brackets "Man" for the waiting room
100-0104	1	Poster GLAM® Brackets "Donna" per la sala d'attesa	Poster GLAM® Brackets "Woman" for the waiting room
100E0106 – English	1	Brochure per i pazienti GLAM® Brackets	Patient flyer GLAM® Brackets
100-0107	1	Poster TruKlear® Brackets "Uomo" per la sala d'attesa	Poster TruKlear® Brackets "Man" for the waiting room
100-0108	1	Poster TruKlear® Brackets "Donna" per la sala d'attesa	Poster TruKlear® Brackets "Woman" for the waiting room
100E0109 – English	1	Brochure per i pazienti TruKlear® Brackets	Patient flyer TruKlear® Brackets
100-0095	1	Poster QuickKlear® III Brackets per la sala d'attesa	Poster QuickKlear® III Brackets for the waiting room
100E0094 – English	1	Brochure per i pazienti QuickKlear® Brackets	Patient flyer QuickKlear® Brackets
100E0071 – English	1	Brochure per i pazienti BioArchi	Patient flyer BioArchwires
100-0016	1	Poster Viti da Laboratorio con esempi di apparecchiature da laboratorio, dimensioni 71 x 46 cm	Expansion screws Poster showing examples of application, size 71 x 46 cm

## Depliant prodotti Information brochures



Order No.	Content	Description	
000E0238 – English	1	Brochure Brackets in metallo	Info brochure Metal brackets
000E0239 – English	1	Brochure Brackets in ceramica	Info brochure Ceramic brackets
000E0234 – English	1	Brochure FAS® Aligner System	Info brochure FAS® Aligner System
000E0237 – English	1	Brochure fas Aligner Système	Info brochure FAS® Kids
000E0185 – English	1	Brochure OrthoEasy®	Info brochure OrthoEasy®
000E0236 – English	1	FBrochure Quick-Familie	Info brochure BioQuick®
000E0235 – English	1	Brochure UNIZ	Info brochure UNIZ
000E0218 – English	1	Brochure Guida alla scelta dei brackets	Info brochure MB5.0 Bracket selection guide
000E0224 – English	1	Brochure SARA®	Info brochure SARA®
000E0225 – English	1	Brochure AquaSplint®	Info brochure AquaSplint®

## Modelli dimostrativi Models

Description		Order No.
QuickKlear® III Brackets		C950-1009
TruKlear® Brackets		C950-0247
GLAM® Brackets		G950T1000
SARA®		950-0127
FAS® Aligner		950-0336

# Modelli dimostrativi Models



Order No.		Description
950-0333		<p><b>Modello dimostrativo senza brackets</b> Model without brackets</p>
950-0107		<p><b>Modello dimostrativo molla di uprighting</b> Model uprighting spring</p>
950-0256		<p><b>BioQuick® Modello in plastica scala (10:1)</b> BioQuick® Plastic model (10:1)</p>
950-1003		<p><b>Miniviti OrthoEasy® Pal + Vite "Frog II"</b> OrthoEasy® Pal Pins + Frog II appliance</p>
950-1004		<p><b>Miniviti OrthoEasy® Pal + Distalizzatore SmartJet™ (322-0110)</b> OrthoEasy® Pal Pins + SmartJet™ Tube (322-0110) with Fixation Plate (1299-0100)</p>

## Modelli dimostrativi Models



Description		Order No.
BioQuick® Brackets		950-0254
Mini Sprint® Brackets		950-0210
Mini Sprint® II Brackets – MB5.0 Prescription		950T0210
Micro Sprint® Brackets		950-0219
2D® Lingual Brackets		950-0212








Informazioni – Prodotti senza nickel, Analisi dei materiali utilizzati  
Service – Materials for ni-free treatment, analysis of materials



## Prodotti Nickel Free\*: Brackets, fili, viti









### Ni-Free\* Products: Brackets, wires, screws

	Chapter	Description
	4	<b>TruKlear® Brackets</b> Attacchi in ceramica Self Ligating SL ceramic brackets
	3	<b>Sprint® II   Mini Sprint® II   Micro Sprint® Brackets</b> Attacchi in metallo Nickel-Free Ni-Free stainless steel brackets
	4	<b>GLAM® Brackets</b> Attacchi estetici gemellari in ceramica standard ligating, translucent ceramic bracket
	6	<b>Betaflex</b> Archi e viti in titanio Betaflex Betaflex titanium wires and archwires
	9	<b>Titanium screws</b> Vite in titanio per espansione universale, tipo 100-2000 Universal expansion screw as 100-2000 made of titanium

## Prodotti Nickel Free\*: Tubi diretti



### Ni-Free\* Products: Buccal tubes for direct bonding



Maxillary	Tooth	Torque	Angulation	distal Offset	Slot	on Pad (10 pcs.)		
						right	left	
	<b>Comfort Line</b> occlusal headgear tube convertible		-14°	-	14°	.018" x .028"	741M0704	740M0704
						.022" x .028"	741M0702	740M0702
<b>Mandibular</b>								
	<b>Comfort Line</b> convertible		-30°	-	4°	.018" x .028"	741M1704	740M1704
						.022" x .028"	741M1702	740M1702
	<b>Comfort Line</b> convertible		-20°	-	0°	.022" x .028"	728M1712	727M1702
			-30°	-	4°	.018" x .028"	741M1804	740M1804
						.022" x .028"	741M1802	740M1802

I tubi diretti Comfort Line 3D sono la nuova generazione che combina la tradizionale forza di adesione delle nostre basi anatomiche piccole, completamente nickel free! Vedi il Capitolo 6.

Comfort Line 3D buccal tubes are the newest generation of our proven classics providing optimised bonding strength via an anatomically shaped, smaller pad and are also nickel free. Please note chapter 6.

	Identification No.	Description
	1.015 / 3.001	BioQuick® Brackets
	1.001 / 1.000 / 1.004	2D® Lingual Brackets

Acciaio\*  
Steels\*

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.5	–	8.0-10.5	≤ 0.045	≤ 0.03	–	Rest
1.001		1.4303	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.0	–	11.0-13.0	≤ 0.045	≤ 0.03	–	
1.004		1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5-18.5	2.0-2.5	10.0-13.5	≤ 0.045	≤ 0.03	–	
1.015		X15 CrMnMoN 17 11 3	≤ 0.2	≤ 1.0	10-12	16.5-17.5	3.0-3.5	≤ 0.1	–	–	N 0.75-0.90	

\*Analysis in weight %

Altre leghe non preziose\*  
Non precious metal alloys\*

Ident. No.	Material	Number	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.001	CoCr alloy	–	14-16	Rest	1.0-3.0	19-21	6-8	–	–	≤ 1.2	≤ 0.30	38-42	–	–	–	–	–	Be 0.01-0.09

\*Analysis in weight %




<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 37 FORESTADENT.

<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

# <sup>1</sup> Analisi dei materiali – Capitolo 3

## <sup>1</sup> Analysis of materials – Chapter 3

3

	Identification No.	Description
	1.015	Sprint® II / Mini Sprint® II / Micro Sprint® Brackets
	1.002 / 1.000 / 1.004 / 2.200	Brackets Mini-Mono® on pad
	1.002	Brackets for welding

### Acciaio\* Steels\*

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.5	–	8.0-10.5	≤ 0.045	≤ 0.03	–	Rest
1.002		1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	–	8.0-10.0	≤ 0.06	0.15-0.35	Cu ≤ 1.0	
1.004		1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5-18.5	2.0-2.5	10.0-13.5	≤ 0.045	≤ 0.03	–	
1.015		X15 CrMnMoN 17 11 3	≤ 0.2	≤ 1.0	10-12	16.5-17.5	3.0-3.5	≤ 0.1	–	–	N 0.75-0.90	

\*Analysis in weight %




### Rame e Leghe di metalli preziosi\* Copper and precious metal alloys\*

Ident. No.	Material	Number	Ag	Cu	Ni	Pb	Zn	Fe	Mn	Sn	Sb	Al	Others
2.200	Silver solder	2.5153 L-Ag75	74-76	Rest	–	≤ 0.02	2.0-4.0	–	–	–	–	≤ 0.005	≤ 0.1

\*Analysis in weight %

<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 37 FORESTADENT.

<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

	Identification No.	Description
	5.000 / 3.001	QuickKlear® III Brackets
	5.000 / 4.901 / 4.902	TruKlear® Brackets
	5.000	GLAM® Brackets

Altre leghe non preziose\*

Non precious metal alloys\*

Ident. No.	Material	Number	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.001	CoCr alloy	–	14-16	Rest	1.0-3.0	19-21	6-8	–	–	–	≤ 0.30 Rest	38-42	–	–	–	–	–	Be 0.01-0.09

\*Analysis in weight %

Plastiche

Plastics

Identification No.	Material	Abbreviation
4.901	Polyether ether ketone	PEEK
4.902	Polyphthalamide	PPA

Ceramica\*

Ceramics\*

Identification No.	Material	Number	Al <sub>2</sub> O <sub>3</sub>	ZnO	MgO	Others
5.000	Alumina	–	99.99	–	–	≤ 0.01

\*Analysis in weight %











<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 37 FORESTADENT.

<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

# <sup>1</sup> Analisi dei materiali – Capitolo 5

## <sup>1</sup> Analysis of materials – Chapter 5

5

	Identification No.	Description
	1.001	Bands
	1.000 / 1.001 / 1.002 / 1.004 / 2.200	Buccal tubes on pad conventional
	1.000 / 1.002 / 1.012	Buccal tubes for welding
	1.015	Buccal tubes MIM on pad
	1.015	Ni-Free buccal tubes
	1.002	Lingual attachment
	1.000 / 1.004 / 1.015 / 2.200	Tulip buccal tubes
	1.015	Comfort Line 3D buccal tubes
	1.000 / 1.004 / 1.015 / 2.200	Lingual cleats MIM on pad
	1.015	Lingual cleats for welding

### Acciaio\* Steels\*

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.5	–	8.0-10.5	≤ 0.045	≤ 0.03	–	Rest
1.001		1.4303	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.0	–	11.0-13.0	≤ 0.045	≤ 0.03	–	
1.002		1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	–	8.0-10.0	≤ 0.06	0.15-0.35	Cu ≤ 1.0	
1.004		1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5-18.5	2.0-2.5	10.0-13.5	≤ 0.045	≤ 0.03	–	
1.012		AlSi 316 L	≤ 0.03	≤ 1.0	≤ 2.0	16.0-18.0	2.0-3.0	10.0-14.0	≤ 0.045	≤ 0.030	–	
1.015		X15 CrMnMoN 17 11 3	≤ 0.2	≤ 1.0	10-12	16.5-17.5	3.0-3.5	≤ 0.1	–	–	N 0.75-0.90	

\*Analysis in weight %
























### Rame e Leghe di metalli preziosi\* Copper and precious metal alloys\*

Ident. No.	Material	Number	Ag	Cu	Ni	Pb	Zn	Fe	Mn	Sn	Sb	Al	Others
2.200	Silver solder	2.5153 L-Ag75	74-76	Rest	–	≤ 0.02	2.0-4.0	–	–	–	–	≤ 0.005	≤ 0.1

\*Analysis in weight %

<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 37 FORESTADENT.

<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

	Identification No.	Description
 Code: 	3.200	BioStarter® / BioTorque® / BioLingual®
	3.200	TitanoI® Budget
	3.200	TitanoI® Low Force / TitanoI® Triple Force / TitanoI® Superelastic
	3.201	DuoForce®
 Code: 	3.200 + 4.008	TitanoI® Cosmetic / BioCosmetic® coated
 Code: 	3.103	Betaflex
 Code: 	1.003	Steel
 Code: 	1.003	FORESTAFLEX
	3.002	FORESTALLOY
 Code: 	1.002 / 1.003 / 3.200	Special products
	3.103	Nanda BT3 Intursion Arch / Nanda BT3 Beta Titanium
	3.201	Nanda Braided Copper-Nickel-Titanium
	1.013	McLaughlin Bennett 5.0 Stainless Steel Heat Treated
	3.202	McLaughlin Bennett 5.0 Nickel Titanium Heat Activated
	3.103	Roncone Prescription PhysioDynamic System / Beta Titanium
	3.200	Roncone Prescription PhysioDynamic System Ultra Thermal / TitanoI
	3.200	TitanoI® Spee

Acciaio\*  
Steels\*

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.002	Stainless steel	1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	–	8.0-10.0	≤ 0.06	0.15-0.35	Cu ≤ 1.0	Rest
1.003		1.4310	≤ 0.15	≤ 2.0	≤ 2.0	16.0-19.0	≤ 0.8	6.0-9.5	≤ 0.045	≤ 0.03	–	
1.013		AISI 304	≤ 0.08	≤ 1.0	≤ 2.0	18.0-20.0	–	8.0-10.5	≤ 0.045	≤ 0.030	–	

\*Analysis in weight %

<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 38 FORESTADENT.

<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

**<sup>1</sup> Analisi dei materiali – Capitolo 6****<sup>1</sup> Analysis of materials – Chapter 6**

6

**Altre leghe non preziose\*****Non precious metal alloys\***







Ident. No.	Material	Number	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.002	CoCr alloy	–	–	–	27-31	≤ 1	28-32	4-6	–	–	≤ 1	≤ 0.35	31-35	–	–	–	–	–
3.103	TiMo 11.5 Zr6 SN 4.5 Beta	–	–	0.35	–	–	10-13	–	Rest	–	0.10	–	–	–	≤ 0.2	≤ 0.025	≤ 0.05	Zr 5-7 Sn 4-5
3.200	NiTi alloy	–	50-60	< 0.5	–	–	–	–	Rest	–	< 0.1	–	< 0.1	–	< 0.1	< 0.01	< 0.01	Cu < 6.5
3.201	NiTiCu alloy	–	50-60	< 0.5	–	< 0.4	–	–	Rest	–	< 0.1	–	< 0.1	–	< 0.1	< 0.01	< 0.01	Nb 10-50
3.202	NiTi alloy	–	30-50	1-5	–	< 3	–	–	50-70	–	1-5	–	–	–	–	–	–	Cu 5-10

\*Analysis in weight %

**Plastiche****Plastics**

Identification No.	Material	Abbreviation
4.008	Polytetrafluoroethylene	PTFE

<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 38 FORESTADENT.<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

	Identification No.	Description
	1.000 / 1.001 / 1.003 / 4.012	Facebow
	1.015	Activator tube
	1.000 / 1.003	Activator tube short
	4.009	Ligatures on key ring, retention-elements, separators, elastic chains
	4.200	Elastics non Latex
	4.201	Elastics Latex

Acciaio\*  
Steels\*

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.000	Stainless steel	1.4301	< 0.07	< 1.0	< 2.0	17.0-19.5	–	8.0-10.5	< 0.045	< 0.03	–	Rest
1.001		1.4303	< 0.07	< 1.0	< 2.0	17.0-19.5	–	11.0-13.0	< 0.045	< 0.03	–	
1.002		1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	–	8.0-10.0	≤ 0.06	0.15-0.35	Cu ≤ 1.0	
1.003		1.4310	≤ 0.15	≤ 2.0	≤ 2.0	16.0-19.0	≤ 0.8	6.0-9.5	≤ 0.045	≤ 0.03	–	
1.015		X15 CrMnMoN 17 11 3	≤ 0.2	≤ 1.0	10-12	16.5-15.5	–	≤ 0.1	–	–	N 0.75-0.90	

\*Analysis in weight %

Plastiche  
Plastics

Identification No.	Material	Abbreviation
4.009	Polyurethane	PUR
4.200	Synthetic isoprene rubber	IR
4.201	Natural rubber	NR
4.012	Polyoxymethylene	POM






<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 38 FORESTADENT.

<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

# <sup>1</sup> Analisi dei materiali – Capitolo 8

## <sup>1</sup> Analysis of materials – Chapter 8

8

	Identification No.	Description
	3.102	OrthoEasy® Pins / Pal
	1.003	Fixation plates
	3.200 / 1.003 / 3.102	SmartJet™ Tube
	1.002	OrthoEasy® Pal Retaining screw
	1.002 / 1.015	OrthoEasy® Pal Abutment

### Acciaio\* Steels\*

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.002	Stainless steel	1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	–	8.0-10.0	≤ 0.06	0.15-0.35	Cu ≤ 1.0	Rest
1.003		1.4310	≤ 0.15	≤ 2.0	≤ 2.0	16.0-19.0	≤ 0.8	6.0-9.5	≤ 0.045	≤ 0.03	–	

\*Analysis in weight %
























### Altre leghe non preziose\* Non precious metal alloys\*

Ident. No.	Material	Number	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.102	TiAl6V4	3.7165	–	≤ 0.30	–	–	–	–	Rest	–	≤ 0.08	–	5.5-6.75	–	≤ 0.20	≤ 0.025	≤ 0.05	V 3.5-4.5
3.200	NiTi alloy	–	50-60	< 0.5	–	–	–	–	Rest	–	< 0.1	–	< 0.1	–	< 0.1	< 0.01	< 0.01	–

\*Analysis in weight %

<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 38 FORESTADENT.

<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

	Identification No.	Description
	1.000 / 1.002	Standard Expansion Screws
	1.002 / 1.003 / 3.200	100M2015   100M2016
	1.000 / 1.002	105-1320   105-1310   139-2615   165-1312   165-1412   169-2622
	1.002 / 1.003	109-0410   109-0610   109-0810   136-1711   139-1311   179-1317   139-2215   165-1312   165-1412   175-1318   179-1117   179-1119
	1.002 / 3.001	169S1239
	1.000 / 1.002 / 1.003 / 1.015 / 3.200	169M1343
	3.104 / 3.102	Expansion screws Titanium
	1.003	FORESTANIT® hard/spring hard
	–	TRACK® A (PET-G)
	–	TRACK® B (TPU/PET-G)
	–	TRACK® C (PE)
	–	TRACK® E (EVA)
	–	TRACK® bleach (EVA)
	1.000 / 1.002 / 1.003 / 1.015	SARA®
	1.002 / 1.003	Bite Jumping Screw
	1.015 / 1.002 / 1.014	Functional Mandibular Advancer
	1.000 / 1.002 / 1.003 / 4.009	Easy-Fit Jumper
	1.000 / 1.002	Appliance for advancement of the mandible
	1.000 / 1.002 / 1.003 / 3.001	Snap Lock Expander
	1.002 / 1.003	Palatal Split Screws
	1.002 / 1.003	Slim-Line Expander
	1.002 / 1.003 / 3.200	Memory Palatal Split Screws
	1.000 / 1.002 / 1.003 / 3.001	Frog II appliance

<sup>1</sup>La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 37 FORESTADENT.

<sup>1</sup>The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

**<sup>1</sup> Analisi dei materiali – Capitolo 9****<sup>1</sup> Analysis of materials – Chapter 9**

9

**Altre leghe non preziose\*****Steels\***

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.5	–	8.0-10.5	≤ 0.045	≤ 0.03	–	Rest
1.001		1.4303	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.0	–	11.0-13.0	≤ 0.045	≤ 0.03	–	
1.002		1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	–	8.0-10.0	≤ 0.06	0.15-0.35	Cu ≤ 1.0	
1.003		1.4310	≤ 0.15	≤ 2.0	≤ 2.0	16.0-19.0	≤ 0.8	6.0-9.5	≤ 0.045	≤ 0.03	–	
1.006		1.4456	≤ 0.01	≤ 1.0	10-15	16-20	1.8-3.5	≤ 0.3	≤ 0.05	≤ 0.05	V ≤ 0.2 N 0.7-1.0	
1.014		AISI 420F	≤ 0.03	≤ 1.25	≤ 1.25	12.0-14.0	≤ 0.6	1.5	≤ 0.06	≤ 0.15	–	
1.015		X15 CrMnMoN 17 11 3	≤ 0.2	≤ 1.0	10-12	16.5-17.5	3.0-3.5	≤ 0.1	–	–	N 0.75-0.90	

\*Analysis in weight %

**Altre leghe non preziose\*****Non precious metal alloys\***

Ident. No.	Material	Number	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.001	CoCr alloy	–	14-16	–	1.0-3.0	19-21	6-8	–	–	–	≤ 0.30	38-42	–	–	–	–	–	Be 0.01-0.09
3.102	TiAl6V4	3.7165	–	≤ 0.30	–	–	–	–	Rest	–	≤ 0.08	–	5.5-6.75	–	≤ 0.20	≤ 0.025	≤ 0.05	V 3.5-4.5
3.104	Titan Grade 2	3.7035	–	< 0.3	–	–	–	–	Rest	–	< 0.08	–	–	–	< 0.25	< 0.015	< 0.03	–
3.200	NiTi alloy	–	50-60	< 0.5	–	–	–	–	Rest	–	< 0.1	–	< 0.1	–	< 0.1	< 0.01	< 0.01	–

\*Analysis in weight %

**Plastiche****Plastics**

Identification No.	Material	Abbreviation
4.009	Polyurethane	PUR

<sup>1</sup> La struttura di questa analisi dei materiali si riferisce al capitolo del catalogo 37 FORESTADENT.<sup>1</sup> The structuring of the "analysis of material" lists in chapters corresponds to FORESTADENT catalogue no.38.

## Analisi dei materiali – Acciaio\*

### Analysis of materials – Steels\*

Ident. No.	Material	Number	C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.5	–	8.0-10.5	≤ 0.045	≤ 0.03	–	Rest
1.001		1.4303	≤ 0.07	≤ 1.0	≤ 2.0	17.0-19.0	–	11.0-13.0	≤ 0.045	≤ 0.03	–	
1.002		1.4305	≤ 0.12	≤ 1.0	≤ 2.0	17.0-19.0	–	8.0-10.0	≤ 0.06	0.15-0.35	Cu ≤ 1.0	
1.003		1.4310	≤ 0.15	≤ 2.0	≤ 2.0	16.0-19.0	≤ 0.8	6.0-9.5	≤ 0.045	≤ 0.03	–	
1.004		1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5-18.5	2.0-2.5	10.0-13.5	≤ 0.045	≤ 0.03	–	
1.005		1.4404	≤ 0.03	≤ 1.0	≤ 2.0	16.5-18.5	2.0-2.5	11.0-14.0	≤ 0.045	≤ 0.03	–	
1.006		1.4456	≤ 0.01	≤ 1.0	10-15	16-20	1.8-3.5	≤ 0.3	≤ 0.05	≤ 0.05	V ≤ 0.2 N 0.7-1.0	
1.007		1.4460	≤ 0.05	≤ 1.0	≤ 2.0	25.0-28.0	1.3-2.0	4.5-6.0	≤ 0.045	≤ 0.03	N 0.05-0.20	
1.008		1.4541	≤ 0.08	≤ 1.0	≤ 2.0	17.0-19.0	–	9.0-12.0	≤ 0.045	≤ 0.03	Ti ≥ (5 x % C) ≤ 0.80	
1.009		1.4542	≤ 0.07	≤ 1.0	≤ 1.0	15.0-17.0	–	3.0-5.0	≤ 0.045	≤ 0.03	Cu 3.0-5.0 Nb 0.15-0.45	
1.010		1.4435	≤ 0.03	≤ 1.0	≤ 2.0	17.0-19.0	2.5-3.0	12.5-15.0	≤ 0.045	≤ 0.025	–	
1.011		1.4441	≤ 0.03	≤ 1.0	≤ 2.0	17.0-19.0	2.5-3.2	13.0-15.5	≤ 0.025	≤ 0.010	N ≤ 0.10 Cu ≤ 0.50	
1.012		AISI 316 L	≤ 0.03	≤ 1.0	≤ 2.0	16.0-18.0	2.0-3.0	10.0-14.0	≤ 0.045	≤ 0.030	–	
1.013		AISI 304	≤ 0.08	≤ 1.0	≤ 2.0	18.0-20.0	–	8.0-10.5	≤ 0.045	≤ 0.030	–	
1.014		AISI 420F	≤ 0.03	≤ 1.25	≤ 1.25	12.0-14.0	≤ 0.6	1.5	≤ 0.06	≤ 0.15	–	
1.015		X15 CrMnMoN 17 11 3	≤ 0.2	≤ 1.0	10-12	16.5-17.5	3.0-3.5	≤ 0.1	–	–	N 0.75-0.90	
1.016	1.4197	0.20-0.26	≤ 1.0	≤ 2.0	12.5-14.0	1.10-1.50	0.75-1.50	≤ 0.04	≤ 0.03	–		

\*Analysis in weight %

## Analisi dei materiali – Rame e Leghe di metalli preziosi\*

### Analysis of materials – Copper and precious metal alloys\*

Ident. No.	Material	Number	Ag	Cu	Ni	Pb	Zn	Fe	Mn	Sn	Sb	Al	Others
2.001	Nickel silver	2.0780	–	56-58	11-13	0.3-1.5	26-33	≤ 0.5	≤ 0.5	≤ 0.3	–	–	≤ 0.1
2.100	Brass	2.0265	–	69.0-71.0	≤ 0.3	≤ 0.05	Rest	≤ 0.05	–	≤ 0.1	–	≤ 0.02	≤ 0.1
2.200	Silver solder	2.5153 L-Ag75	74-76	Rest	–	≤ 0.02	2.0-4.0	–	–	–	–	≤ 0.005	≤ 0.1
2.201		2.5147 L-Ag44	43-45	29-31	–	≤ 0.02	Rest	–	–	–	–	≤ 0.005	≤ 0.1
2.202		2.5159 L-Ag55Sn	54-57	20-23	–	≤ 0.02	Rest	–	–	2.0-5.0	–	≤ 0.005	≤ 0.1
2.203		2.5151 L-Ag72	71-73	Rest	–	≤ 0.02	–	–	–	–	–	≤ 0.005	≤ 0.1
2.204		–	43-46	18-22	–	–	6-10	–	–	2.0-6.0	–	–	≤ 0.3
2.205		–	57-61	15-18	–	–	Rest	–	–	–	–	–	≤ 0.3
2.206		–	20-70	3-45	–	–	1-35	–	–	0.5-30	–	–	–
2.300		Gold solder	38.5-39.5	Rest	–	–	–	–	–	–	–	–	–

\*Analysis in weight %

## Analisi dei materiali – Altre leghe non preziose\*

### Analysis of materials – Non precious metal alloy\*

Ident. No.	Material	Number	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.000	CoCr alloy	–	19-23	Rest 4-6	≤ 1.0	18-22	3-5	01-2.5 01-2.0	≤ 0.5	≤ 0.30	Rest	–	≤ 0.01	–	–	–	–	–
3.001		–	14-16	Rest	1.0-3.0	19-21	6-8	–	–	≤ 1.2	≤ 0.30	38-42	–	–	–	–	–	< 0.1
3.002		–	–	27-31	≤ 1	28-32	4-6	–	–	≤ 1	≤ 0.35	31-35	–	–	–	–	–	–
3.100	Titanium	3.7025	–	≤ 0.20	–	–	–	–	Rest	–	≤ 0.08	–	–	–	≤ 0.10	≤ 0.013	≤ 0.05	–
3.101		3.7065	–	≤ 0.35	–	–	–	–	Rest	–	≤ 0.10	–	–	–	≤ 0.30	≤ 0.013	≤ 0.07	–
3.102	TiAl6V4	3.7165	–	≤ 0.30	–	–	–	–	Rest	–	≤ 0.08	–	5.5- 6.75	–	≤ 0.20	≤ 0.025	≤ 0.05	V 3.5-4.5
3.103	TiMo 11.5 Zr6 SN 4.5 Beta	–	–	0.35	–	–	10-13	–	Rest	–	0.10	–	–	–	≤ 0.2	≤ 0.025	≤ 0.05	Zr 5-7 Sn 4-5
3.104	Titan Grade 2	3.7035	–	< 0.3	–	–	–	–	Rest	–	< 0.08	–	–	–	< 0.25	< 0.015	< 0.03	–
3.200	NiTi alloy	–	50-60	< 0.5	–	–	–	–	Rest	–	< 0.1	–	< 0.1	–	< 0.1	< 0.01	< 0.01	–
3.201	NiTiCu alloy	–	50-60	< 0.5	–	< 0.4	–	–	Rest	–	< 0.1	–	< 0.1	–	< 0.1	< 0.01	< 0.01	Cu < 6.5
3.202	NiTi alloy	–	30-50	1-5	–	< 3	–	–	50-70	–	1-5	–	–	–	–	–	–	Nb 10-50 Cu 5-10

\*Analysis in weight %

## Analisi dei materiali – Plastiche

### Analysis of materials – Plastics

Identification No.	Material	Abbreviation
4.000	Epoxide	EP
4.001	Polyamide	PA
4.002	Polycarbonate	PC
4.003	Polyethylene with high density	PE-HD
4.004	Polyethylene with low density	PE-LD
4.005	Polymethyl-methacrylate	PMMA
4.006	Polypropylene	PP
4.007	Polystyrene	PS
4.008	Polytetrafluoroethylene	PTFE
4.009	Polyurethane	PUR
4.010	Polyvinyl chloride	PVC
4.012	Polyoxymethylene	POM
4.100	Acrylonitrile-butadiene-styrene	ABS
4.101	Ethylene vinyl acetate	EVA
4.200	Synthetic isoprene rubber	IR
4.201	Natural rubber	NR
4.202	Silicone rubber	Q
4.203	Silicone	SI
4.901	Polyether ether ketone	PEEK
4.902	Polyphtalamide	PPA

## Analisi dei materiali – Ceramica\*

### Analysis of materials – Ceramics\*

Identification No.	Material	Number	Al <sub>2</sub> O <sub>3</sub>	ZnO	MgO	Others
5.000	Alumina	–	99.99	–	–	≤ 0.01

\*Analysis in weight %





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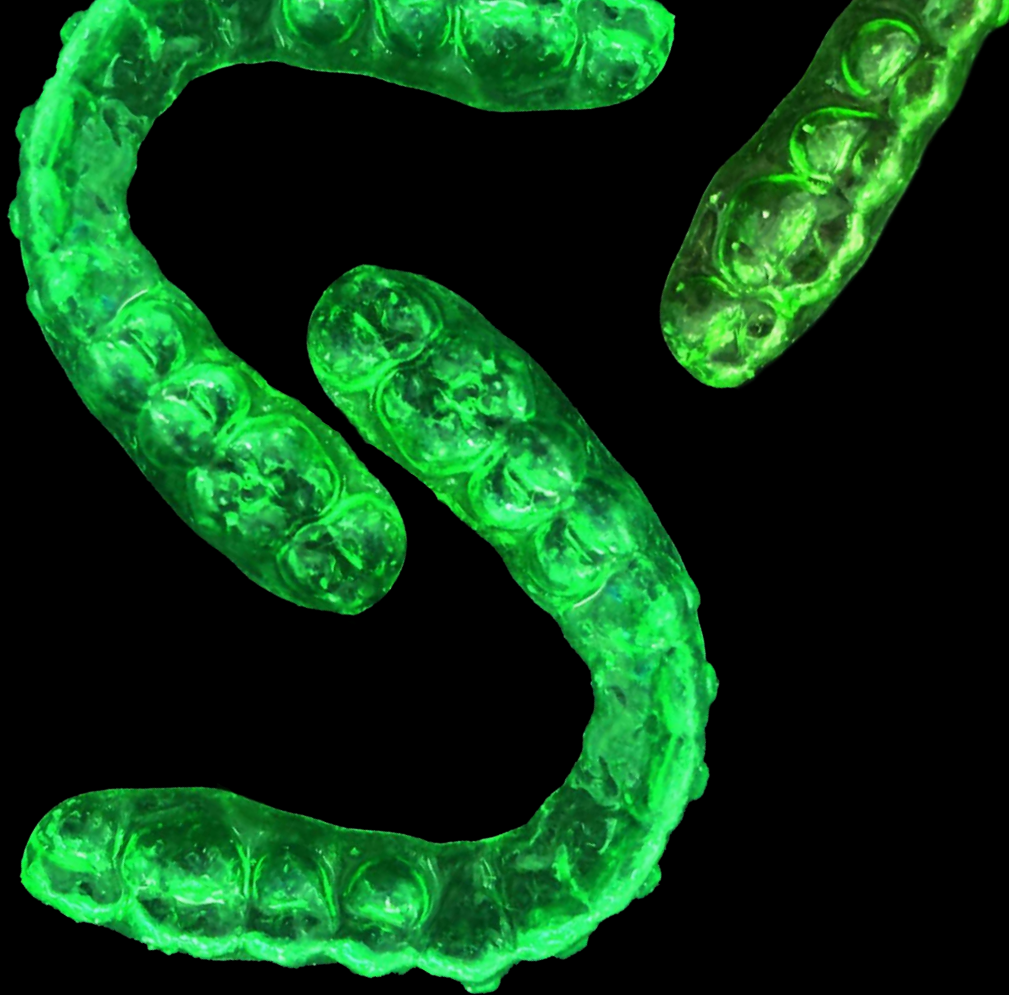
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