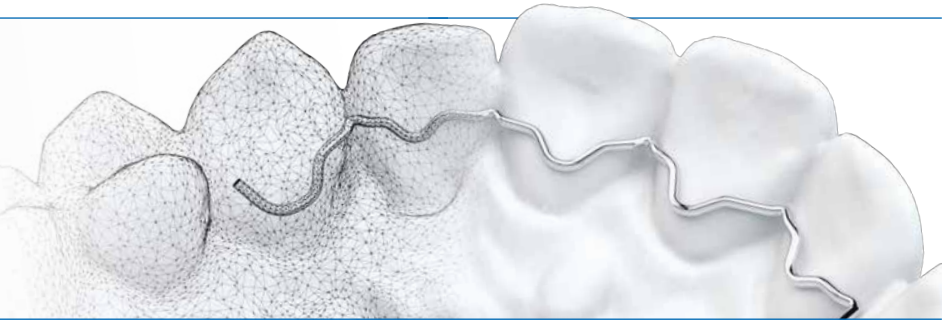
EN

Edition 24

Orthodontics Catalog





DENTAURUM

Edition 24

Orthodontics Catalog



Digital orthodontics
Lingual system
Self-ligating brackets
Metal brackets
Aesthetic brackets
Nickel-free products
Bracket accessories
Buccal tubes
Bands
Adhesives
Wires I Arches I Accessories
Class II appliances
Intra- and extra-oral
Anchorage systems
Supplies
Expansion screws
Orthodontic acrylics
Pliers I Instruments
Equipment
Knowledge I Marketing
Courses, webinars and events
Service

"What we do today determines how the world shall go".

Boris Pasternak

Customer number:

Please enter your Dentaurum customer number here. For faster service, we kindly ask you to use your customer number when ordering.

Dear Customer,

Here at Dentaurum, the oldest dental company in the world, it has been our aim since 1886 to develop and produce products of the highest quality and reliability. We have set strict standards to ensure we offer products with excellent characteristics and a high level of biocompatibility. Our focus is always firmly placed on our customers, their demands and their satisfaction. We base our decisions and our production processes on aspects that are of central importance to us: conserving resources, reducing the burden on the environment and the sourcing of raw materials in an ethically correct manner. This is the path we have taken since as far back as 1989; our environmental management system has been certified since 1996.

We have succeeded in setting new standards worldwide for many Dentaurum products. Our affiliates in Benelux, France, Italy, Spain, Switzerland, USA, Canada and Australia and a global network of distributors sell our high-quality products in more than 130 countries and offer a first-class service locally.

We offer events and training worldwide, in person and via webinars, to keep you up to date with our products as well as developments and findings in dental orthodontics.

Since March 1, 2022, there are three members in our management team. This means three-fold expertise and experience in a variety of business segments, ensuring that Dentaurum will continue its market success.

We are convinced that the key to the company's future lies in the success of our digital products and have developed many new products in this field in the past years. Alongside prime4me® Aligner, the innovative 2-splint treatment concept, the prime4me® RETAIN3R has also become an important part of our digital product range. We are looking forward to continuing along the path of digitization together with you. We will, however, not be neglecting our analog products as they remain indispensable despite advances in digitization.

Best regards from Ispringen,

Mark Stephen Pace Claudia Stöhrle Ralph Dittes

Dentaurum Management

Dentaurum

Germany I Benelux I España I France I Italia I Switzerland I Australia I Canada I USA and in more than 130 countries worldwide.



Dental technologies that set standards.

Dentaurum develops, produces and sells dental products and services worldwide. Dentaurum has played an active role in the dental sector for more than 137 years as an owner-managed family company with its headquarters in Ispringen (near Pforzheim, northern Black Forest), Germany.

Experience Dentaurum by taking a virtual tour in a 360° perspective. There is a total of five 360° viewpoints which give you a fantastic overview.

360°

www.dentaurum.com/360





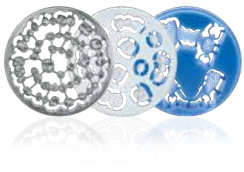
Orthodontics



Implantology



Prosthetics



Ceramics



Photo © Christian Ferrari®

High-tech in-house.



There is a high level of professional knowledge in our company that has been built up over the years in our own research and development facilities, both in Germany and in France. Highly qualified employees work together in interdisciplinary teams to find answers to the challenges the future poses. At the same time, long-standing co-operations with experts from universities and clinics contribute to finding new developments and innovations.

A further result of these efforts: a comprehensive product portfolio which is one of Dentaurum's strengths. No other dental company has such an extensive range of products offering a total of more than 8500 articles.







Dentaurum Online Shop.

Order easily online.

shop.dentaurum.com

Your advantages:

- Detailed product information.
- Product availability is automatically checked.
- Individualized list of articles frequently ordered.
- Your terms and prices are displayed.
- Secure internet connection with SSL encryption.
- Determine the delivery date of your order.
- Up-to-date information on our product portfolio and respective CE marking.

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DENTAURUM DIGITAL

Innovative order platform for patient-specific products and services.

digital.dentaurum.de

Order products and services for the individual patient quickly and easily. Products are manufactured to a high level of quality thanks to professional quality management and validated manufacturing processes as well as industry standard for machines and processes.

Products available:

- **prime4me® Aligner:** Orthodontic aligner therapy from Dentaurum.
- **prime4me® model printing:** Base models and dental arch models for orthodontics.
- **prime4me® RETAIN3R:** Unique fit using a three-dimensional construction design.

Your advantages:

- Easy, intuitive ordering for all Dentaurum Digital products.
- Easy file upload.
- Display of current order status.
- Easy approval of prime4me® RETAIN3R design and prime4me® Aligner treatment proposal.
- Filing of all open and completed orders.
- Online order-related communication with an experienced support team via the order platform.

Availability may vary depending on the country. Please ask your local representative.

Your direct contact.



Chat with us.

Hello, we can answer your questions quickly and easily.

Click on the chat symbol on our website, and send us your questions. We're happy to chat with you.

Give it a try.
We look forward to hearing from you!

DENTAURUM

Telephone	+49 72 31 / 803 - 0
Fax	+49 72 31 / 803 - 295
Email	info@dentaurum.com

DENTAURUM AUSTRALIA

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Fax	+61 2 97 43 45 99
Email	info@dentaurum.com.au

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Fax	+1 - 888 - 771 - 3640
Email	info@dentaurum.ca

DENTAURUM USA

Telephone	+1 - 800 - 523 - 3946
Fax	+1 - 800 - 553 - 6389
Email	info@dentaurum-us.com

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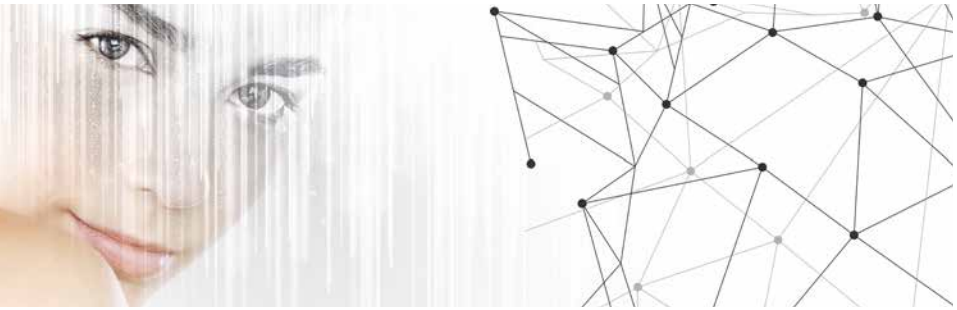
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Digital orthodontics

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Availability may vary depending on the country. Please ask your local representative.

Digital orthodontics.



DENTAURUM ONLINE SHOP shop.dentaurum.com

DENTAURUM DIGITAL

Innovative order platform for patient-specific products and services.



Availability may vary depending on the country. Please ask your local representative.

prime4me®
ALIGNER

passion and precision.



DENTAURUM DIGITAL

Innovative order platform for
patient-specific products and services.

2 splint system:

Innovative splint concept for the best treatment results.

Effective | Precise | Aesthetic | Competent



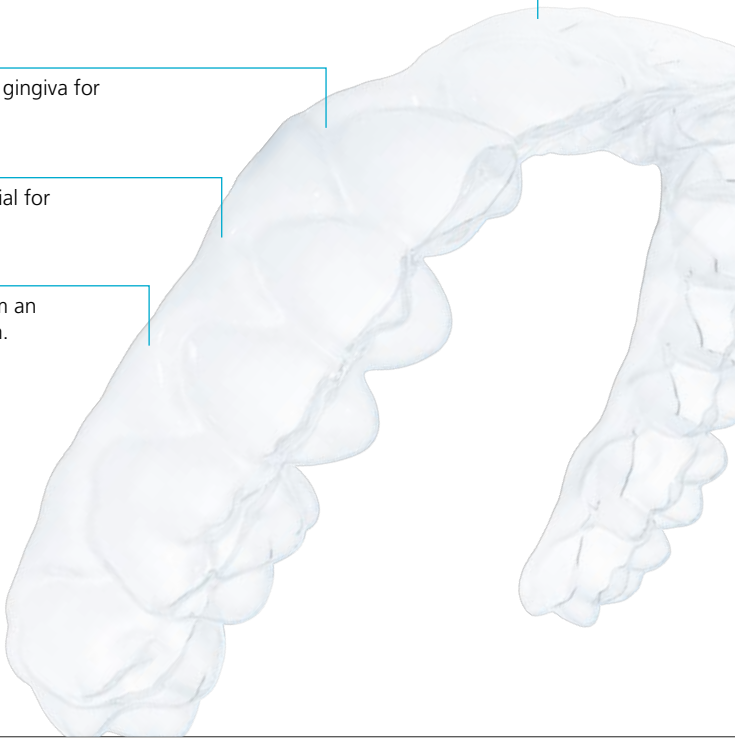
Availability may vary depending on the country. Please ask your local representative.

prime4me® ALIGNER

Orthodontic aligner therapy
from Dentaurum.

Advantages:

- Digital case planning with OnyxCeph³™.
- Aligner covers part of the gingiva for better transfer of forces.
- Transparent aligner material for almost invisible therapy.
- Personal consultation from an experienced support team.



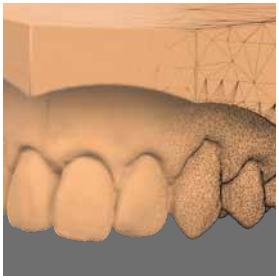
DENTAURUM DIGITAL

Innovative order platform for
patient-specific products and services.

prime4me® PRINT

prime4me® model print.

Printed base models and dental arch models for orthodontics are produced with maximum precision, providing an ideal basis for the fabrication of orthodontic appliances. As always, Dentaurum stays true to its own demands on quality: top industry standard for machines and validated processes together with highly qualified personnel.





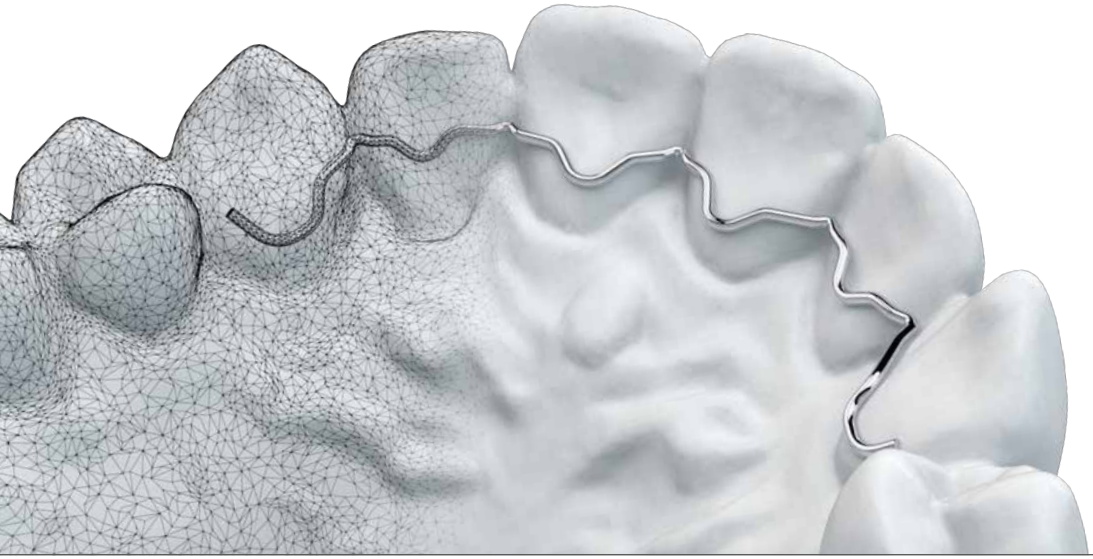
Availability may vary depending on the country. Please ask your local representative.

prime4me® RETAIN3R

prime4me® RETAIN3R offers numerous benefits.

The retainer is designed according to the customer's wishes using a unique three-dimensional construction design, guaranteeing a perfect fit. The digital design also works for situations where space is limited. The material, titanium grade 5, is biocompatible, making the prime4me® RETAIN3R highly suitable for patients with a nickel allergy.

Once the design has been approved, the retainer is milled one-to-one from a titanium blank. This ensures the patient will find the retainer comfortable to wear as its lingual fit is ideal and the adhesive surfaces are smaller. This, in turn, also helps improve and ease oral hygiene.

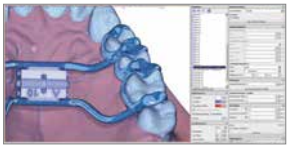


OnyxCeph^{3TM}

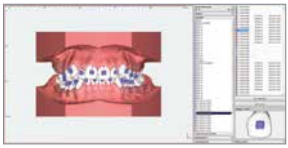
Dental imaging software.

With OnyxCeph^{3TM}, Image Instruments set the benchmark for dental imaging software. The comprehensive solutions for archiving, diagnostics, treatment planning and patient education are used by customers in more than 99 countries around the world – with an impressive list of successes.

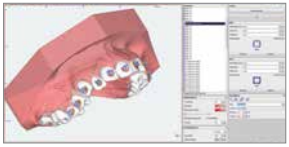
Treatment planning and areas of application:



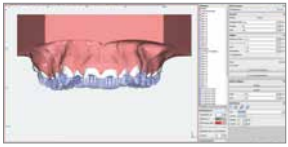
Module Ortho Apps 3D



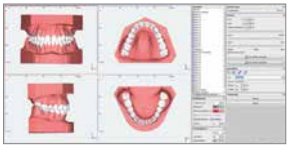
Module FA_Bonding 3D



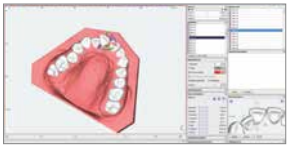
Module Kylix 3D



Module Bonding Trays 3D



Module Retainer 3D



Module Aligner 3D

Availability may vary depending on the country. Please ask your local representative.

OnyxCeph^{3TM} – Program versions and optional modules for the ideal combination with laboratory scanners or TRIOS.

	Program version*	
	3D PRO REF 410-004-00	3D LAB REF 410-005-00
SQL database		
Network licence (concurrent clients|server)	5|1	20|1
Stand-alone licence (client|server)	1|1	1|1
Imaging Module 2D		
Add image (incl. interfaces to digital X-ray)	■	■
Adjust image (classify and align image)	■	■
Clone finding	■	■
Edit	■	■
Digitize (cephalometric tracing)	■	■
Combine	■	■
Mirror	■	■
CO|CR Correction	■	■
Treatment Simulation (orthodontics, maxillofacial surgery)	■	■
Ricketts V.T.O.	■	■
Image Comparison	■	■
Copy|Save|Send|Show|Print	■	■
Imaging Module 3D		
Add image (incl. DICOM extraction)	■	■
Adjust image (classify and align image)	■	■
Clone finding	■	■
Digitize (cephalometric tracing)	■	■
Combine	■	■
Mirror	■	■
Treatment Simulation	□	□
Cast Adjust	■	■
Segmentation	■	■
FA_Bonding	■	■
V.T.O. 3D (virtual set-up)	□	■
Wire_Bonding 3D	□	□
Kylix 3D (indirect transfer)	■	■
Bonding Trays 3D (indirect transfer)	□	□
Bonding Jigs 3D (indirect transfer)	■	■
Bracket Erase 3D	□	□
Aligner 3D	□	□
Retainer 3D	□	□
Bite Splint 3D	□	□
Ortho Apps 3D	□	□
Waefer Creation 3D	□	□
TADmatch™	□	□
3D Export (STL,OBJ, ZPR, inter alia)		■
Presentation (Slide Show, Media)	■	■
Letter Writing	■	■
Online forms (DHTML)	■	■
Internet browser	■	■
Recycling Bin (Lost & Found)	■	■
Web Reports	■	■
Container Exchange	■	■
Image and Result Export	■	■
Findings-Lexicon	■	■

* plus annual support fees
□ optional components against extra charge

Dentaurum Digital



prime4me® Aligner

After checking your data, our team will suggest a suitable aligner package for you.

Designation	REF	Quantity
prime4me® Aligner smart	**430-140-20**	1 case
prime4me® Aligner advanced	**430-141-21**	1 case
prime4me® Aligner performance	**430-142-21**	1 case

NEW



prime4me® base model

Printed base models for orthodontics.

REF 430-110-10	1 piece



prime4me® dental arch model

Printed dental arch models for orthodontics.

REF 430-110-30	1 piece

Order now:
digital.dentaurum.de

Availability may vary depending on the country. Please ask your local representative.

3D separating medium
Forms a separating layer between the acrylic models and Orthocryl® / Orthocryl® LC.
Color: green

REF 162-801-00	100 ml



prime4me® RETAIN3R maxilla
Unique fit using a three-dimensional construction design and highest biocompatibility: milled retainer in grade 5 titanium. Can be ordered together with prime4me® RETAIN3R optionally: Transfer tray for prime4me® RETAIN3R for placement in the mouth.

REF 430-120-30	1 piece



prime4me® RETAIN3R mandible
Unique fit using a three-dimensional construction design and highest biocompatibility: milled retainer in grade 5 titanium. Can be ordered together with prime4me® RETAIN3R optionally: Transfer tray for prime4me® RETAIN3R for placement in the mouth.

REF 430-120-40	1 piece



Transfer tray
Transfer tray for prime4me® RETAIN3R for placement in the mouth.
Can only be ordered together with prime4me® RETAIN3R.

REF 430-120-90	1 piece

NEW



Orthodontic demonstration model prime4me® RETAIN3R
For patient demonstration.
Fitted with:
- prime4me® base model
- prime4me® RETAIN3R upper jaw
- transfer tray for prime4me® RETAIN3R

REF 892-000-29	1 piece

NEW



Download data sets for digital orthodontics:

Expansion screws without retention legs, for digital workflow



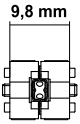
hyrax® click Mini – 7

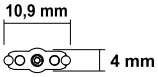
RPE screw with click feature to prevent unwanted reversing
For effective and reliable rapid palatal expansion by means of fixed appliances.

- optimal screw locking during the active treatment phase
- reliable activation / deactivation of the screw with clearly perceptible click after a $^{1}/_{4}$ turn
- no accidental reversing when pulling out safety key during activation
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- offset body for earliest possible angling of the retention legs
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 9.8 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-830-12**	1 piece	**602-830-32**	10 pieces









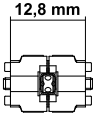
hyrax® click Medium – 10

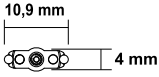
RPE screw with click feature to prevent unwanted reversing
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- no accidental reversing when pulling out safety key during activation
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- offset body for earliest possible angling of the retention legs
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 12.8 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-832-12**	1 piece	**602-832-32**	10 pieces





Expansion screws without retention legs, for digital workflow



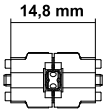
hyrax® click Maxi – 12

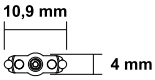
RPE screw with click feature to prevent unwanted reversing
For effective and reliable rapid palatal expansion by means of fixed appliances.

- optimal screw locking during the active treatment phase
- reliable activation / deactivation of the screw with clearly perceptible click after a $^{1}/_{4}$ turn
- no accidental reversing when pulling out safety key during activation
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- offset body for earliest possible angling of the retention legs
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 14.8 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-834-12**	1 piece	**602-834-32**	10 pieces





DENTAURUM ONLINE SHOP shop.dentaurum.com

Expansion screws without retention legs, for digital workflow



hyrax® Mini – 7

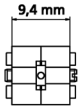
RPE screw

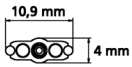
For rapid palatal expansion by means of fixed appliances.

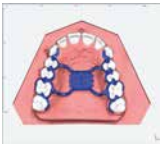
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- offset body for earliest possible angling of the retention legs
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 9.4 mm
Maximum expansion: 7.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-800-12**	1 piece	**602-800-32**	10 pieces









hyrax® Medium – 10

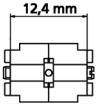
RPE screw

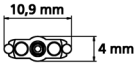
For rapid palatal expansion by means of fixed appliances.

- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- offset body for earliest possible angling of the retention legs
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 12.4 mm
Maximum expansion: 10.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-808-12**	1 piece	**602-808-32**	10 pieces





Expansion screws without retention legs, for digital workflow

hyrax® Maxi – 12



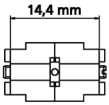
RPE screw

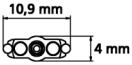
For rapid palatal expansion by means of fixed appliances.

- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- offset body for earliest possible angling of the retention legs
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 14.4 mm
Maximum expansion: 12.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-811-12**	1 piece	**602-811-32**	10 pieces





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hyrax® neo Mini – 7



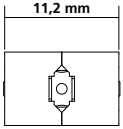
RPE screw

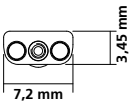
For rapid palatal expansion by means of a fixed appliance.

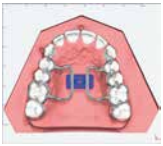
- (no active) expansion stop
- small dimensions with maximum expansion
- TAD-optimized design
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and maximum expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 11.2 mm
Maximum expansion: 7.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-845-12**	1 piece	**602-845-32**	10 pieces







Expansion screws without retention legs, for digital workflow



hyrax® neo Medium – 10

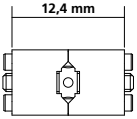
RPE screw

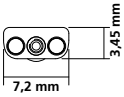
For rapid palatal expansion by means of a fixed appliance.

- (no active) expansion stop
- small dimensions with maximum expansion
- TAD-optimized design
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and maximum expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 12.4 mm
Maximum expansion: 10.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-846-12**	1 piece	**602-846-32**	10 pieces







hyrax® neo Maxi – 12

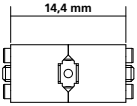
RPE screw

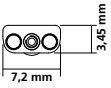
For rapid palatal expansion by means of a fixed appliance.

- (no active) expansion stop
- small dimensions with maximum expansion
- TAD-optimized design
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and maximum expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 14.4 mm
Maximum expansion: 12.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-847-12**	1 piece	**602-847-32**	10 pieces





Expansion screws without retention legs, for digital workflow

Titan hyrax® Maxi – 12



RPE screw of titanium

For rapid palatal expansion by means of fixed appliances.

The screw is anchored to the teeth using cast titanium and laser-welded cap splints or alternatively using acrylic cap splints fabricated from Orthocryl® acrylic.

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.

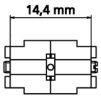
Screw body: 14.4 mm

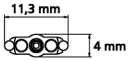
Maximum expansion: 12.0 mm

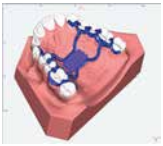
4 x $^{1}/_{4}$ turn = 0.8 mm

Material: titanium

Retention legs	REF	Quantity	REF	Quantity
without	**602-810-12**	1 piece	**602-810-32**	10 pieces







DENTAURUM ONLINE SHOP shop.dentaurum.com

Expansion screws without retention legs, for digital workflow



Variety click Mini – 8

Monoguided special expansion screw with click feature to prevent unwanted reversing. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- optimal screw locking during the active treatment phase
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
Maximum expansion: 8.0 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-836-12**	1 piece	**602-836-32**	10 pieces



Variety click SP (small palate) Mini – 8

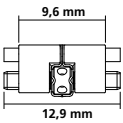
Monoguided special expansion screw with click feature to prevent unwanted reversing. For the fixed appliance technique. Can be widely used in the upper and lower jaw, for distalization, mesialization of posterior teeth, or for space closure by moving individual teeth. Also for early palatal expansion.

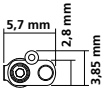
- optimal screw locking during the active treatment phase
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

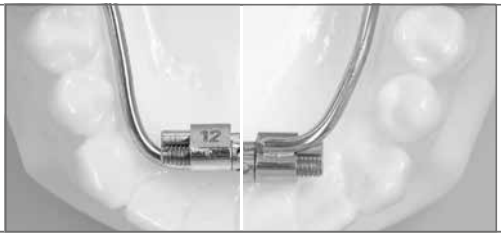
Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
Maximum expansion: 8.0 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-838-12**	1 piece	**602-838-32**	10 pieces

Dimensions Variety click / Variety click SP Mini – 8







Expansion screws without retention legs, for digital workflow

Variety click Maxi – 12



Monoguided special expansion screw with click feature to prevent unwanted reversing. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- optimal screw locking during the active treatment phase
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 17.2 mm
Screw body: 9.6 mm
Maximum expansion: 12.0 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
without	**602-837-12**	1 piece	**602-837-32**	10 pieces

Variety click SP (small palate) Maxi – 12



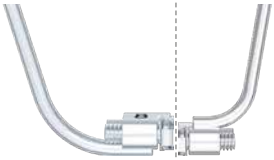
Monoguided special expansion screw with click feature to prevent unwanted reversing. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- optimal screw locking during the active treatment phase
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

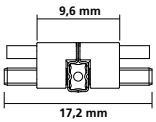
Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 17.2 mm
Screw body: 9.6 mm
Maximum expansion: 12.0 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

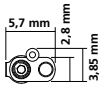
Retention legs	REF	Quantity	REF	Quantity
without	**602-839-12**	1 piece	**602-839-32**	10 pieces

Variety click | Variety click SP



Dimensions Variety click / Variety click SP Maxi – 12





Expansion screws without retention legs, for digital workflow



Variety Mini – 8

Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- small dimensions with maximum expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
Maximum expansion: 8.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-815-12**	1 piece	**602-815-32**	10 pieces



Variety SP (small palate) Mini – 8

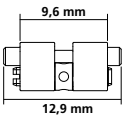
Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

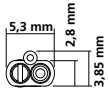
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

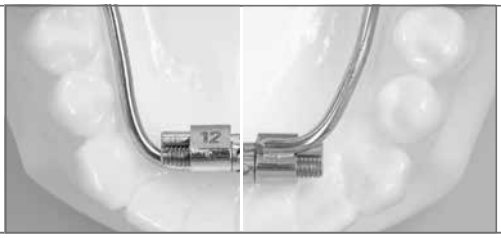
Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
Maximum expansion: 8.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-819-12**	1 piece	**602-819-32**	10 pieces

Dimensions Variety / Variety SP Mini – 8







Expansion screws without retention legs, for digital workflow

Variety Maxi – 12



Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- small dimensions with maximum expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 14.9 mm
Screw body: 9.6 mm
Maximum expansion: 12.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
without	**602-806-12**	1 piece	**602-806-32**	10 pieces

Variety SP (small palate) Maxi – 12

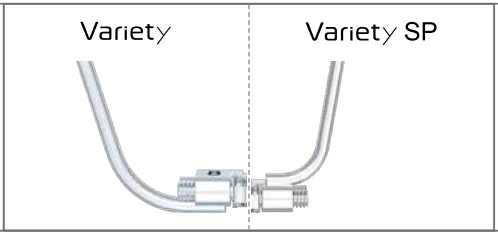


Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

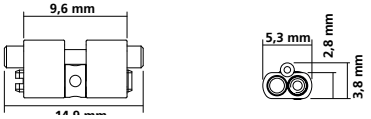
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 14.9 mm
Screw body: 9.6 mm
Maximum expansion: 12.0 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	**602-809-12**	1 piece	**602-809-32**	10 pieces



Dimensions Variety / Variety SP Maxi – 12



OnyxCeph³™

OnyxCeph³™ Basic (purchase license)
Software for archiving and patient consultation incl.
5 network working stations for simultaneous operation.

REF 410-001-00	1 piece

OnyxCeph³™ 2D Pro (purchase license)
Software for archiving, diagnosis, treatment planning and patient consultation in 2D incl. 5 network working stations for simultaneous operation.

REF 410-002-00	1 piece

OnyxCeph³™ 3D Pro (purchase license)
Software for archiving, diagnosis, treatment planning and patient consultation in 3D incl. 5 network working stations for simultaneous operation.

REF 410-004-00	1 piece

OnyxCeph³™ 3D Lab (purchase license)
Software for archiving, diagnosis, treatment planning and patient consultation in 3D incl. Option Virtual Set-up (V.T.O.3D) and a total of 20 network working places for simultaneous operation.

REF 410-005-00	1 piece

Additional server license
Second network license (LAN 5/1) / same practice name.

REF 410-000-01	1 piece

Additional standalone license
Notebook license (1/1) for same practice name.

REF 410-000-02	1 piece

Additional site license
Additional site license in network.

REF 410-000-03	1 piece

User administration program
Permission settings depending on user login.

REF 410-000-04	1 piece

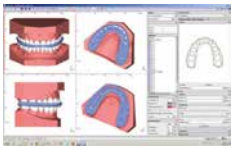
Statistics program
Statistical evaluation of findings.

REF 410-000-05	1 piece

Availability may vary depending on the country. Please ask your local representative.

Module Waefer Creation
Creation of surgical splints.

REF 410-000-06	1 piece



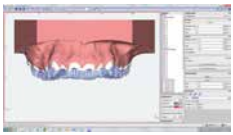
Module V.T.O.3D (Virtual Treatment Objective)
Creation of virtual set ups.

REF 410-000-07	1 piece



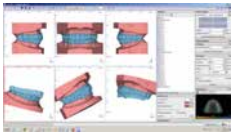
Module Bonding Trays 3D
Construction of bracket transfer trays.

REF 410-000-11	1 piece



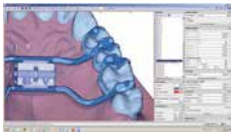
OnyxCeph³™ module Bite Splint 3D
Construction of occlusal splints, anti-snoring splints, sports guards and other splints.

REF 410-000-13	1 piece



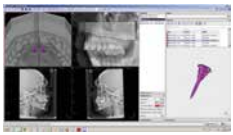
Module Ortho Apps 3D
Construction of RPE appliances, lingual arch appliances, Herbst appliances and others.

REF 410-000-14	1 piece



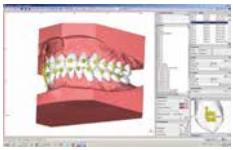
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OnyxCeph^{3TM}



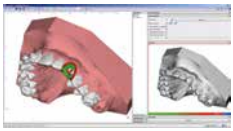
Module TADmatch™
Module from OnyxCeph^{3TM} for the virtual positioning of tomas®-pin and as a basis for the fabrication of insertion templates.

REF 410-000-15	1 piece



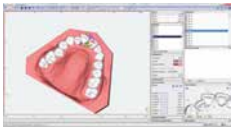
Module Wire_Bonding
Positioning of wires / brackets on set-up.

REF 410-000-08	1 piece



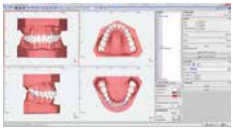
Module Bracket Erase 3D
Erase virtual bracket.

REF 410-000-12	1 piece



Module Aligner 3D
Planning of aligners.

REF 410-000-09	1 piece



Module Retainer 3D
Planning of retainers.

REF 410-000-10	1 piece

Availability may vary depending on the country. Please ask your local representative.

Lingual system

Lingual brackets	Page	46
Lingual tubes	Page	47
Arches	Page	48
Instruments	Page	49
Accessories	Page	50

Lingual system.

Surprisingly different.



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discovery® delight



Incredibly effective.

discovery® delight dramatically reduces the number of components required for treatment while ensuring a free selection of all lingual treatment options, from 2D to 3D treatment.

In collaboration with Prof. Dr. Rubens Demicheri, Montevideo, a lingual system that addresses patient needs and offers all the advantages of the trusted discovery® bracket family emerged:

- Highest quality.
- Virtually invisible.
- Short treatment time.
- Very comfortable to wear.
- Perfect design.





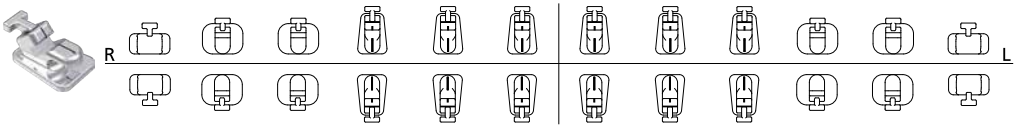


Lingual brackets / Assortments

discovery® delight

Slot: 0.51 mm x 0.51 mm / 20 x 20 · with vertical hook

Tooth	16	15	14	13	12	11	21	22	23	24	25	26
Width	2.0 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	2.0 mm
REF	724-102-51	790-452-00	790-452-00	790-450-00	790-450-00	790-450-00	790-450-00	790-450-00	790-450-00	790-452-00	790-452-00	724-102-51
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece
REF	724-103-51	790-453-00	790-453-00	790-451-00	790-451-00	790-451-00	790-451-00	790-451-00	790-451-00	790-453-00	790-453-00	724-103-51
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Tooth	46	45	44	43	42	41	31	32	33	34	35	36
Width	2.0 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	2.0 mm
REF	724-102-51	790-452-00	790-452-00	790-450-00	790-450-00	790-450-00	790-450-00	790-450-00	790-450-00	790-452-00	790-452-00	724-102-51
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece
REF	724-103-51	790-453-00	790-453-00	790-451-00	790-451-00	790-451-00	790-451-00	790-451-00	790-451-00	790-453-00	790-453-00	724-103-51
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

discovery® delight social six pack	1 case	6 anterior brackets (REF 790-450-00)	**REF 891-406-00**
discovery® delight single jaw	1 case	6 anterior brackets (REF 790-450-00) + 4 posterior brackets (REF 790-452-00)	**REF 891-407-00**
discovery® delight single jaw + tubes	1 case	6 anterior brackets (REF 790-450-00) + 4 posterior brackets (REF 790-452-00) + 2 molar tubes (REF 724-102-51)	**REF 891-408-00**
discovery® delight complete case	1 case	12 anterior brackets (REF 790-450-00) + 8 posterior brackets (REF 790-452-00) + 4 molar tubes (REF 724-102-51)	**REF 891-409-00**

discovery® delight anterior bracket

with vertical hook



Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
13-11 / 21-23 / 43-41 / 31-33				•	1.5 mm	**790-450-00**	1 piece
13-11 / 21-23 / 43-41 / 31-33				•	1.5 mm	**790-451-00**	10 pieces

Slot: 0.51 mm x 0.51 mm / 20 x 20

discovery® delight posterior bracket, open

with vertical hook



Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
15-14 / 24-25 / 45-44 / 34-35				•	1.5 mm	**790-452-00**	1 piece
15-14 / 24-25 / 45-44 / 34-35				•	1.5 mm	**790-453-00**	10 pieces

Slot: 0.51 mm x 0.51 mm / 20 x 20

discovery® delight posterior bracket, closed

non-convertible · with vertical hook



Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
15-14 / 24-25 / 45-44 / 34-35				•	2.0 mm	**724-100-51**	1 piece
15-14 / 24-25 / 45-44 / 34-35				•	2.0 mm	**724-101-51**	10 pieces

Slot: 0.51 mm x 0.51 mm / 20 x 20

discovery® delight molar tube / Bonding technique

non-convertible · with vertical hook



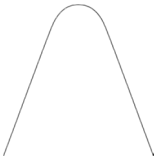
Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
16 / 26 / 46 / 36				•	2.0 mm	**724-102-51**	1 piece
16 / 26 / 46 / 36				•	2.0 mm	**724-103-51**	10 pieces

Slot: 0.51 mm x 0.51 mm / 20 x 20

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Arches

Nickel titanium



rematitan® LITE lingual arch, round

Strength category: super elastic

ø	Length	Diagonal M.	REF	Quantity
0.25 mm / 10			**766-760-00**	10 pieces
0.30 mm / 12			**766-761-00**	10 pieces
0.35 mm / 14			**766-762-00**	10 pieces
0.40 mm / 16			**766-763-00**	10 pieces
0.45 mm / 18			**766-764-00**	10 pieces

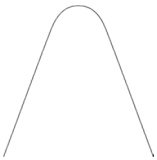


rematitan® LITE lingual arch, rectangular

Strength category: super elastic

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-765-00**	10 pieces
0.48 mm x 0.48 mm / 19 x 19		0.62 mm	**766-766-00**	10 pieces

Stainless steel (Nickel chromium)



remanium® lingual arch, round

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²

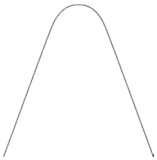
ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			**766-767-00**	10 pieces
0.45 mm / 18			**766-768-00**	10 pieces



remanium® lingual arch, rectangular

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²

⍁	Length	Diagonal M.	REF	Quantity
0.46 mm x 0.46 mm / 18 x 18			**766-769-00**	10 pieces
0.48 mm x 0.48 mm / 19 x 19			**766-770-00**	10 pieces



dentaflex® lingual arch, round, 6-strand twisted

Strength category: super spring hard · 2500 N/mm² - 2700 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			**766-771-00**	10 pieces

Instruments

Lingual bending pliers
sterilizable
For bending steps and compensation bends in archwires for the lingual technique.
Steps: 1.5 mm; 2.0 mm; 2.5 mm and 3.0 mm
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-001-00	1 piece



Mosquito forceps, curved
sterilizable
For placing and ligating Dentalastics® plastic ligatures, especially for the lingual technique.

REF 000-732-00	1 piece



Crimping tweezers
sterilizable
Delicate tweezer design for easy bracket and buccal tube placement.

REF 025-280-00	1 piece



Positioning tool, lingual
sterilizable

REF 023-278-00	1 piece



Dental mirror with reference lines (assembled), lingual
sterilizable

REF 023-279-00	1 piece



Dental mirror with reference lines (without grip), lingual
sterilizable

REF 023-279-10	1 piece



Bracket removing pliers, angled
sterilizable
For easy removal of lingual brackets and brackets in the posterior region. Inserts made of hard metal.
Premium-Line · 10 year guarantee

REF 004-347-00	1 piece



Accessories



SUPER Elasto-Force plastic chains

Consistent traction force over a long period of time. High elasticity with excellent elastic recovery.

Color	Inner ø	Length	Connector	REF	Quantity
transparent	1.3 mm	4.6 m	•	**774-220-01**	1 roll
transparent	1.3 mm	4.6 m		**774-221-01**	1 roll



Orthodontic demonstration model discovery® delight

Fitted with:

- discovery® delight lingual brackets
- discovery® delight molar tubes
- rematitan® LITE lingual arch
- dentaflex® lingual arch

Maxilla and mandible made of plastic, hinged.



REF 892-000-22	1 piece

Self-ligating brackets

discovery® sl / Assortments

Roth 18/22 Page 56

discovery® sl 2.0 / Assortment

McLaughlin-Bennett-Trevisi* 22 Page 57

Instruments and accessories Page 58

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

FDI System

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
R	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8 L
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

Self-ligating brackets.

Dynamic and functional.



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Orthodontic treatment at a high standard.

The self-ligating bracket systems discovery® sl from Dentaurum have much to offer: for the patient, the brackets are easy to handle and are comfortable to wear; for the dental office, they are easy to handle and offer effective treatment with only short periods of time in the chair.

discovery® sl and discovery® sl 2.0 still rank among the smallest and flattest sl-brackets on the market. At the heart of the design lies a closing mechanism in the form of a lid. The lid has a smooth surface making it comfortable for the patient to wear and is designed to be closed during treatment, thereby offering a high level of hygiene. An instrument is available specifically for opening and closing the lid. The sl brackets from Dentaurum impress both patients and orthodontists and fulfill all of the requirements expected of a modern bracket system.

discovery® sl

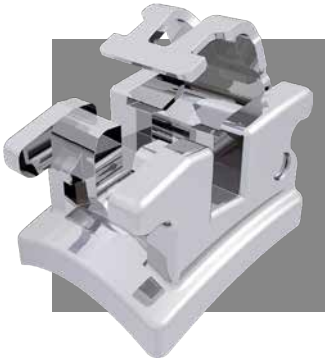
One of the smallest sl-brackets in the world.



discovery® sl 2.0

Proven design for your success.







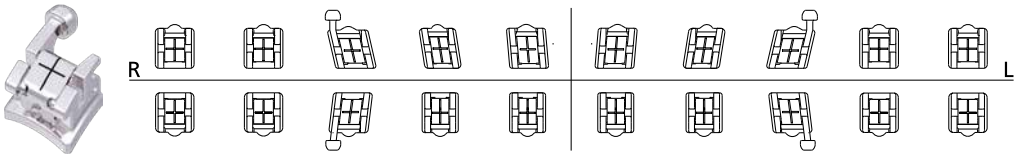
discovery® sl / Assortments

Roth 18

Slot: 0.46 mm x 0.64 mm / 18 x 25 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.6 mm	2.6 mm	2.7 mm	2.4 mm	2.6 mm	2.6 mm	2.4 mm	2.7 mm	2.6 mm	2.6 mm
REF	**718-101-15**	**718-101-14**	**718-141-13**	**718-101-12**	**718-101-11**	**718-101-21**	**718-101-22**	**718-141-23**	**718-101-24**	**718-101-25**
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.6 mm	2.6 mm	2.7 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	2.7 mm	2.6 mm	2.6 mm
REF	**718-101-45**	**718-101-44**	**718-141-43**	**718-101-42**	**718-101-41**	**718-101-31**	**718-101-32**	**718-141-33**	**718-101-34**	**718-101-35**
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Assortments:

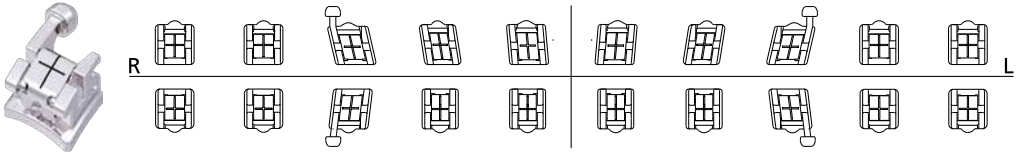
1 case	20 brackets	**REF 718-101-01**
10 cases	200 brackets	**REF 718-101-10**

Roth 22

Slot: 0.56 mm x 0.64 mm / 22 x 25 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.6 mm	2.6 mm	2.7 mm	2.4 mm	2.6 mm	2.6 mm	2.4 mm	2.7 mm	2.6 mm	2.6 mm
REF	**722-101-15**	**722-101-14**	**722-141-13**	**722-101-12**	**722-101-11**	**722-101-21**	**722-101-22**	**722-141-23**	**722-101-24**	**722-101-25**
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.6 mm	2.6 mm	2.7 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	2.7 mm	2.6 mm	2.6 mm
REF	**722-101-45**	**722-101-44**	**722-141-43**	**722-101-42**	**722-101-41**	**722-101-31**	**722-101-32**	**722-141-33**	**722-101-34**	**722-101-35**
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Assortments:

1 case	20 brackets	**REF 722-101-01**
10 cases	200 brackets	**REF 722-101-10**

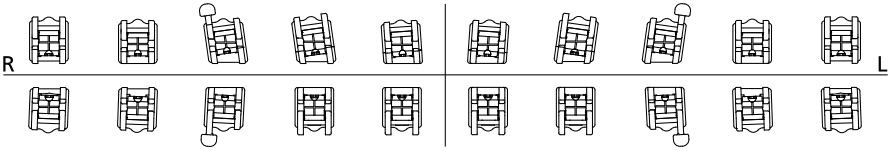
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.70 mm / 22 x 28 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm
REF	**722-102-15**	**722-102-14**	**722-142-13**	**722-102-12**	**722-102-11**	**722-102-21**	**722-102-22**	**722-142-23**	**722-102-24**	**722-102-25**
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Even easier bracket identification with FDI-marking on the base!





Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm
REF	**722-102-45**	**722-102-44**	**722-142-43**	**722-102-42**	**722-102-41**	**722-102-31**	**722-102-32**	**722-142-33**	**722-102-34**	**722-102-35**
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Assortments:

1 case	20 brackets	**REF 722-102-01**

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Instruments and accessories



sl-instrument, for discovery® sl

sterilizable

For opening and closing self-ligating brackets **discovery® sl** (Roth system), **dinamique® m** and **dinamique® c**, and for easier ligation of the archwire.

REF 023-276-00	1 piece



sl-instrument, for discovery® sl 2.0

sterilizable

For opening and closing self-ligating brackets **discovery® sl 2.0** (McLaughlin-Bennett-Trevisi* system) and easier ligation of the archwire.

REF 023-277-00	1 piece

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Orthodontic demonstration model discovery® sl

Angle Class I, normal occlusion

Roth 22

Fitted with:

- discovery® sl self-ligating metal brackets
- Ortho-Cast M-Series mini buccal tubes
- Equire stainless steel arch, maxilla
- rematitan® sl arch, mandible

Maxilla and mandible made of plastic, hinged.

REF 892-000-17	1 piece



Orthodontic demonstration model discovery® sl 2.0

Angle Class I, normal occlusion

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- discovery® sl 2.0 self-ligating metal brackets
- Ortho-Cast M-Series and M-Series mini buccal tubes
- Tensic® arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-19	1 piece

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

Metal brackets

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Metal brackets.

Always a good choice.



DENTAURUM ONLINE SHOP shop.dentaurum.com



High performance for precision.

Our high-quality brackets are designed and manufactured using state-of-the-art design and production procedures. The highest precision is essential for ensuring safe, reliable use in orthodontic treatment. The diversity of Dentaurum metal brackets is unique in the world and provides application options for all indications. The metal brackets are manufactured in one piece from highly corrosion-resistant, medical-grade stainless steel alloys. This makes them particularly biocompatible for the patient, as no solder is used. The wide-ranging program also includes nickel-free* brackets made from a special CoCr alloy and pure titanium brackets, which are ideal for use with patients with allergies.





* see Materials list Orthodontics

discovery®
The sum of experience.



discovery® smart
Small and brilliant.



topic
The nickel-free* alternative.



equilibrium® mini
The mini bracket.



equilibrium® 2
Harmony in function and comfort.



equilibrium® ti
Outstanding biocompatibility.



FDI System

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
R	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8 L
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

The discovery® family.



The discovery® family.

The discovery® bracket family comprises the premium bracket line of the Dentaurum metal bracket range. They are manufactured completely as one-piece brackets using the MIM technique – Metal Injection Molding – in state-of-the-art facilities. The hooks on the canine and, if desired, on the first and second premolar brackets, are directly integrated into the mold and are also produced in one piece together with the body of the bracket. The innovative mushroom shape provides retention for more elastics. Our diverse system offers the right bracket for every therapy.

Innovative production procedures guarantee maximum success.

The bases of all brackets of the discovery® family are ideally adapted to the tooth contour using 3D CAD (Computer Aided Design), allowing optimal handling for the user when bonding the bracket to the tooth. The anatomical shape facilitates positioning the bracket on the tooth and also ensures it is firmly retained on the tooth.

Optimal bond strength and easy debonding.

The patented laser-structured base with FDI notation guarantees reliable retention during treatment. The ideal distribution of micro and macro retention produces an optimal bond between tooth/adhesive and the bracket. Evenly-spaced retentions support the bonding of the brackets on the tooth surface. A debonding channel ensures very easy debonding of conventionally ligated brackets. The channel allows the bracket face to flex, ensuring safe removal from the tooth.

Individuality combined with easy handling.

All discovery® brackets have been designed so that there is sufficient space for multiple ligatures. In addition, rounded bracket tie wings facilitate ligation and provide intra-oral comfort without sharp edges for the patient. All discovery® brackets include biocompatible laser marking for easier identification and positioning.

Diverse combination options.

As all brackets of the discovery® range have the same design, there is no limit to the individuality of the treatment. All brackets can be easily combined with one another. A low In/Out of 0.7 mm allows individual combination of the brackets within the family without using any compensation bends.





The equilibrium® family.

equilibrium® mini equilibrium® 2 equilibrium® ti

The equilibrium® family.

The equilibrium® series is Dentaurum's classic bracket series. Reliable results in patient treatment over many years have proven that the attractive and functional design is successful.

The brackets from the equilibrium® family are formed and milled from rod material and undergo many fully-automated processing steps. Like many other Dentaurum brackets, they are genuine one-piece brackets.

equilibrium® 2 and equilibrium® mini brackets are produced in one piece – body and base – from high-strength stainless steel*. equilibrium® ti brackets are made from titanium** and are nickel-free. Brackets from the equilibrium® family are particularly bio-compatible as no solders are used.





* Material number acc. to DIN 1.4404
** Material number acc. to DIN 3.7035



Optimal bond strength and easy debonding.

The patented laser-structured base with FDI notation guarantees reliable retention during treatment with equilibrium® brackets. The ideal distribution of micro and macro retention produces an optimal bond between tooth/adhesive and the bracket. Uniform retention prevents premature debonding of the brackets.

Easy handling and reliable treatment.

All equilibrium® brackets include biocompatible laser marking for easier identification and positioning. FDI notation is also laser marked on the base. This system of symbols aids in assigning each bracket to a specific tooth. The laser marking is abrasion resistant and does not contain any harmful coloring agents.

Proven design.

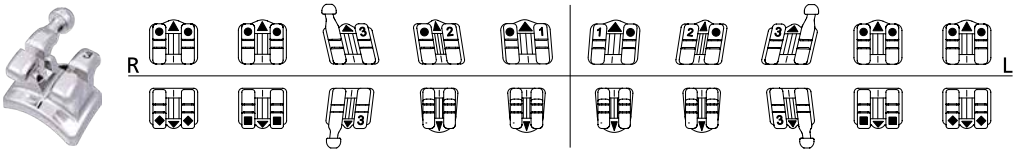
The design of equilibrium® brackets provides excellent bracket tie wing undercuts, which also allow the use of multiple ligatures at any time. The mesial and distal ends of the bracket have been designed to make it easier to grip and place the brackets. The design of the rhomboid base with additional central marking facilitates placement on the clinical crown. The low In/Out values enable an ideal application of force.

discovery® / Assortments

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-106-00**	**790-106-00**	**790-104-00**	**790-102-00**	**790-163-00**	**790-164-00**	**790-103-00**	**790-105-00**	**790-106-00**	**790-106-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.1 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	3.1 mm	3.3 mm	3.3 mm
REF	**790-111-00**	**790-110-00**	**790-108-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-109-00**	**790-110-00**	**790-111-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

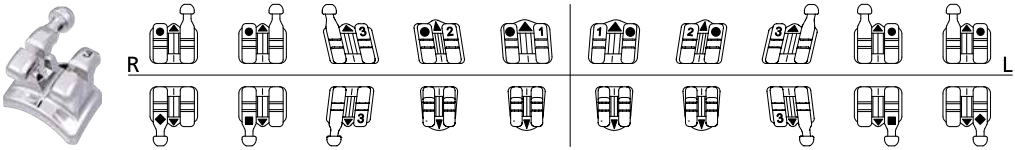
1 case	20 brackets	**REF 891-180-00**
10 cases	200 brackets	**REF 891-181-00**
50 cases	1000 brackets	**REF 891-182-00**

Note:
Other brackets with Roth values see single packs.

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-141-00**	**790-141-00**	**790-104-00**	**790-102-00**	**790-163-00**	**790-164-00**	**790-103-00**	**790-105-00**	**790-142-00**	**790-142-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.1 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	3.1 mm	3.3 mm	3.3 mm
REF	**790-145-00**	**790-143-00**	**790-108-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-109-00**	**790-144-00**	**790-146-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

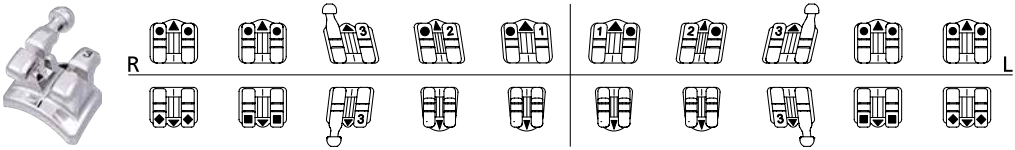
1 case	20 brackets	**REF 891-295-00**
10 cases	200 brackets	**REF 891-296-00**
50 cases	1000 brackets	**REF 891-297-00**

Note:
Other brackets with Roth values see single packs.

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-118-00**	**790-118-00**	**790-116-00**	**790-114-00**	**790-165-00**	**790-166-00**	**790-115-00**	**790-117-00**	**790-118-00**	**790-118-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.1 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	3.1 mm	3.3 mm	3.3 mm
REF	**790-123-00**	**790-122-00**	**790-120-00**	**790-119-00**	**790-119-00**	**790-119-00**	**790-119-00**	**790-121-00**	**790-122-00**	**790-123-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

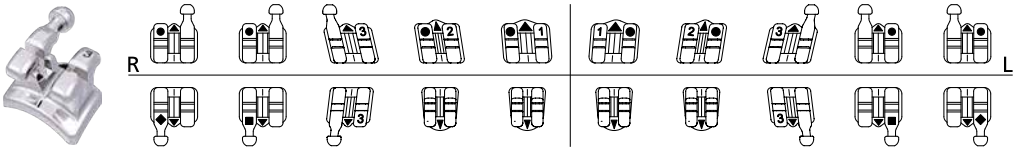
1 case	20 brackets	**REF 891-183-00**
10 cases	200 brackets	**REF 891-184-00**
50 cases	1000 brackets	**REF 891-185-00**

Note:
Other brackets with Roth values see single packs.

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-147-00**	**790-147-00**	**790-116-00**	**790-114-00**	**790-165-00**	**790-166-00**	**790-115-00**	**790-117-00**	**790-148-00**	**790-148-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.1 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	3.1 mm	3.3 mm	3.3 mm
REF	**790-151-00**	**790-149-00**	**790-120-00**	**790-119-00**	**790-119-00**	**790-119-00**	**790-119-00**	**790-121-00**	**790-150-00**	**790-152-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 891-298-00**
10 cases	200 brackets	**REF 891-299-00**
50 cases	1000 brackets	**REF 891-300-00**

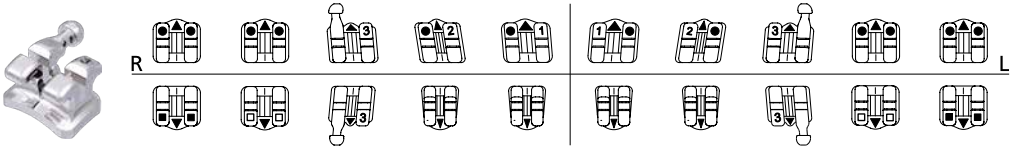
Note:
Other brackets with Roth values see single packs.

discovery® / Assortments

Ricketts® - IV. dimension 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	+ 7°	+ 14°	+ 22°	+ 22°	+ 14°	+ 7°	- 7°	- 7°
Angulation	0°	0°	+ 5°	+ 8°	+ 5°	+ 5°	+ 8°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.8 mm	3.8 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-106-00**	**790-106-00**	**790-134-00**	**790-132-00**	**790-130-00**	**790-131-00**	**790-133-00**	**790-135-00**	**790-106-00**	**790-106-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 17°	- 11°	+ 7°	- 1°	- 1°	- 1°	- 1°	+ 7°	- 11°	- 17°
Angulation	0°	0°	+ 5°	0°	0°	0°	0°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.1 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	3.1 mm	3.3 mm	3.3 mm
REF	**790-110-00**	**790-128-00**	**790-138-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-139-00**	**790-128-00**	**790-110-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

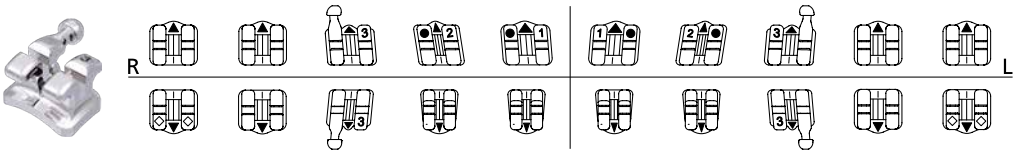
Assortments:

1 case	20 brackets	**REF 891-375-00**
10 cases	200 brackets	**REF 891-376-00**
50 cases	1000 brackets	**REF 891-377-00**

Ricketts® Universal 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	0°	0°	+ 7°	+ 14°	+ 22°	+ 22°	+ 14°	+ 7°	0°	0°
Angulation	0°	0°	+ 5°	+ 8°	+ 5°	+ 5°	+ 8°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.4 mm	3.2 mm	3.8 mm	3.8 mm	3.2 mm	3.4 mm	3.3 mm	3.3 mm
REF	**790-136-00**	**790-136-00**	**790-134-00**	**790-132-00**	**790-130-00**	**790-131-00**	**790-133-00**	**790-135-00**	**790-136-00**	**790-136-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 14°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	- 14°
Angulation	0°	0°	+ 5°	0°	0°	0°	0°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.1 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	3.1 mm	3.3 mm	3.3 mm
REF	**790-140-00**	**790-136-00**	**790-138-00**	**790-137-00**	**790-137-00**	**790-137-00**	**790-137-00**	**790-139-00**	**790-136-00**	**790-140-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

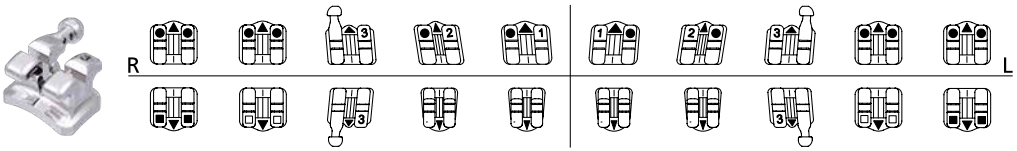
Assortments:

1 case	20 brackets	**REF 891-188-00**
10 cases	200 brackets	**REF 891-189-00**
50 cases	1000 brackets	**REF 891-196-00**

Hilgers 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	+ 7°	+ 14°	+ 22°	+ 22°	+ 14°	+ 7°	- 7°	- 7°
Angulation	0°	0°	+ 5°	+ 8°	+ 5°	+ 5°	+ 8°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.8 mm	3.8 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-106-00**	**790-106-00**	**790-134-00**	**790-132-00**	**790-130-00**	**790-131-00**	**790-133-00**	**790-135-00**	**790-106-00**	**790-106-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 17°	- 11°	+ 7°	- 1°	- 1°	- 1°	- 1°	+ 7°	- 11°	- 17°
Angulation	0°	0°	+ 5°	0°	0°	0°	0°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.3 mm	3.3 mm	3.1 mm	2.6 mm	2.6 mm	2.6 mm	2.6 mm	3.1 mm	3.3 mm	3.3 mm
REF	**790-110-00**	**790-128-00**	**790-138-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-107-00**	**790-139-00**	**790-128-00**	**790-110-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

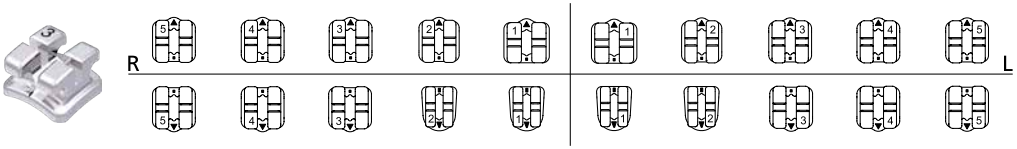
1 case	20 brackets	**REF 891-261-00**
10 cases	200 brackets	**REF 891-262-00**
50 cases	1000 brackets	**REF 891-263-00**

Standard Edgewise 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · without hook

Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.6 mm	3.0 mm	3.0 mm	2.6 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-205-15**	**718-205-14**	**718-205-13**	**718-205-12**	**718-205-11**	**718-205-21**	**718-205-22**	**718-205-23**	**718-205-24**	**718-205-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.1 mm	2.1 mm	2.1 mm	2.1 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-205-45**	**718-205-44**	**718-205-43**	**718-205-42**	**718-205-41**	**718-205-31**	**718-205-32**	**718-205-33**	**718-205-34**	**718-205-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-205-01**
10 cases	200 brackets	**REF 718-205-10**
50 cases	1000 brackets	**REF 718-205-50**

discovery® / Assortments

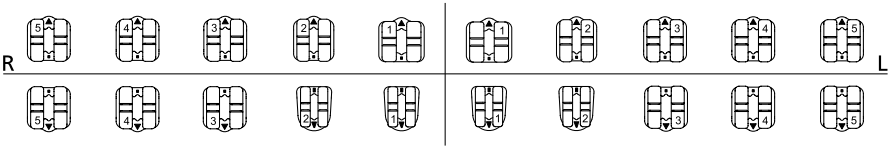
Standard Edgewise 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · without hook

Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.6 mm	3.0 mm	3.0 mm	2.6 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-205-15**	**722-205-14**	**722-205-13**	**722-205-12**	**722-205-11**	**722-205-21**	**722-205-22**	**722-205-23**	**722-205-24**	**722-205-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!





Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.1 mm	2.1 mm	2.1 mm	2.1 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-205-45**	**722-205-44**	**722-205-43**	**722-205-42**	**722-205-41**	**722-205-31**	**722-205-32**	**722-205-33**	**722-205-34**	**722-205-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-205-01**
10 cases	200 brackets	**REF 722-205-10**
50 cases	1000 brackets	**REF 722-205-50**

discovery® / Single packs – bonding technique

Roth 18/22



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 12°	+ 5°	0.7 mm		3.8 mm	**790-100-00**	**790-112-00**	10 pieces
21	+ 12°	+ 5°	0.7 mm		3.8 mm	**790-101-00**	**790-113-00**	10 pieces
13	- 2°	+ 9°	0.7 mm	•	3.4 mm	**790-155-00**	**790-157-00**	10 pieces
23	- 2°	+ 9°	0.7 mm	•	3.4 mm	**790-156-00**	**790-158-00**	10 pieces

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30

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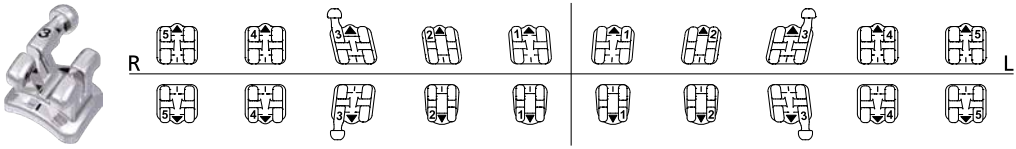
discovery® smart / Assortments

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-901-15**	**718-901-14**	**718-941-13**	**718-901-12**	**718-901-11**	**718-901-21**	**718-901-22**	**718-941-23**	**718-901-24**	**718-901-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-901-45**	**718-901-44**	**718-941-43**	**718-901-42**	**718-901-41**	**718-901-31**	**718-901-32**	**718-941-33**	**718-901-34**	**718-901-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

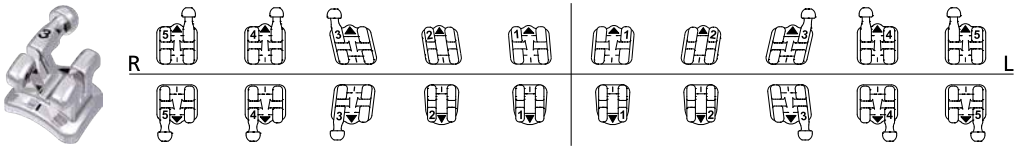
1 case	20 brackets	**REF 718-901-01**
10 cases	200 brackets	**REF 718-901-10**
50 cases	1000 brackets	**REF 718-901-50**

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-941-15**	**718-941-14**	**718-941-13**	**718-901-12**	**718-901-11**	**718-901-21**	**718-901-22**	**718-941-23**	**718-941-24**	**718-941-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-941-45**	**718-941-44**	**718-941-43**	**718-901-42**	**718-901-41**	**718-901-31**	**718-901-32**	**718-941-33**	**718-941-34**	**718-941-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

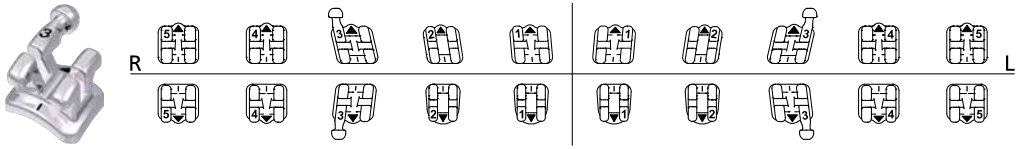
1 case	20 brackets	**REF 718-941-01**
10 cases	200 brackets	**REF 718-941-10**
50 cases	1000 brackets	**REF 718-941-50**

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-901-15**	**722-901-14**	**722-941-13**	**722-901-12**	**722-901-11**	**722-901-21**	**722-901-22**	**722-941-23**	**722-901-24**	**722-901-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-901-45**	**722-901-44**	**722-941-43**	**722-901-42**	**722-901-41**	**722-901-31**	**722-901-32**	**722-941-33**	**722-901-34**	**722-901-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

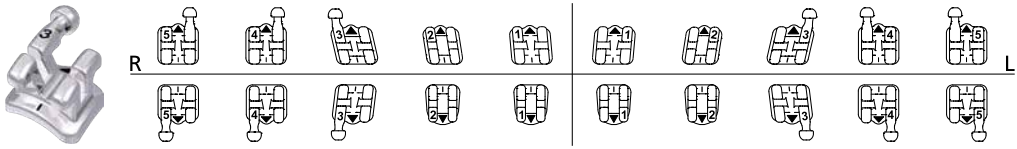
1 case	20 brackets	**REF 722-901-01**
10 cases	200 brackets	**REF 722-901-10**
50 cases	1000 brackets	**REF 722-901-50**

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-941-15**	**722-941-14**	**722-941-13**	**722-901-12**	**722-901-11**	**722-901-21**	**722-901-22**	**722-941-23**	**722-941-24**	**722-941-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-941-45**	**722-941-44**	**722-941-43**	**722-901-42**	**722-901-41**	**722-901-31**	**722-901-32**	**722-941-33**	**722-941-34**	**722-941-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-941-01**
10 cases	200 brackets	**REF 722-941-10**
50 cases	1000 brackets	**REF 722-941-50**

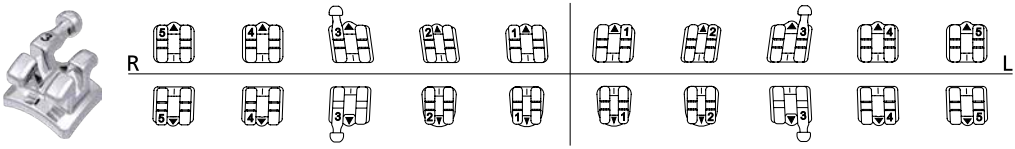
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McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-902-15**	**718-902-14**	**718-942-13**	**718-902-12**	**718-902-11**	**718-902-21**	**718-902-22**	**718-942-23**	**718-902-24**	**718-902-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-902-45**	**718-902-44**	**718-942-43**	**718-902-42**	**718-902-41**	**718-902-31**	**718-902-32**	**718-942-33**	**718-902-34**	**718-902-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-902-01**
10 cases	200 brackets	**REF 718-902-10**
50 cases	1000 brackets	**REF 718-902-50**

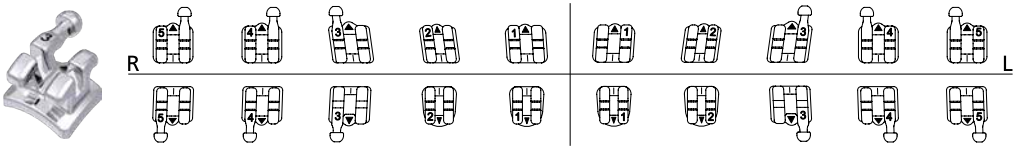
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McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-942-15**	**718-942-14**	**718-942-13**	**718-902-12**	**718-902-11**	**718-902-21**	**718-902-22**	**718-942-23**	**718-942-24**	**718-942-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**718-942-45**	**718-942-44**	**718-942-43**	**718-902-42**	**718-902-41**	**718-902-31**	**718-902-32**	**718-942-33**	**718-942-34**	**718-942-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-942-01**
10 cases	200 brackets	**REF 718-942-10**
50 cases	1000 brackets	**REF 718-942-50**

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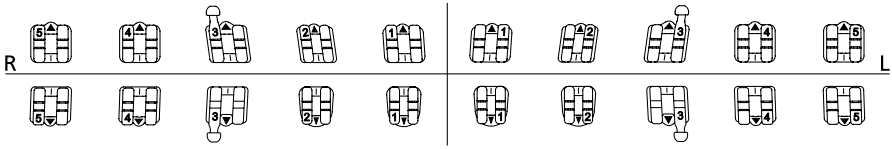
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-902-15**	**722-902-14**	**722-942-13**	**722-902-12**	**722-902-11**	**722-902-21**	**722-902-22**	**722-942-23**	**722-902-24**	**722-902-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!





Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-902-45**	**722-902-44**	**722-942-43**	**722-902-42**	**722-902-41**	**722-902-31**	**722-902-32**	**722-942-33**	**722-902-34**	**722-902-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-902-01**
10 cases	200 brackets	**REF 722-902-10**
50 cases	1000 brackets	**REF 722-902-50**

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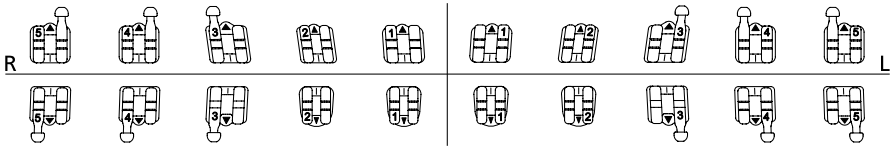
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.4 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-942-15**	**722-942-14**	**722-942-13**	**722-902-12**	**722-902-11**	**722-902-21**	**722-902-22**	**722-942-23**	**722-942-24**	**722-942-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!





Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.8 mm	2.8 mm	2.8 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.8 mm	2.8 mm	2.8 mm
REF	**722-942-45**	**722-942-44**	**722-942-43**	**722-902-42**	**722-902-41**	**722-902-31**	**722-902-32**	**722-942-33**	**722-942-34**	**722-942-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-942-01**
10 cases	200 brackets	**REF 722-942-10**
50 cases	1000 brackets	**REF 722-942-50**

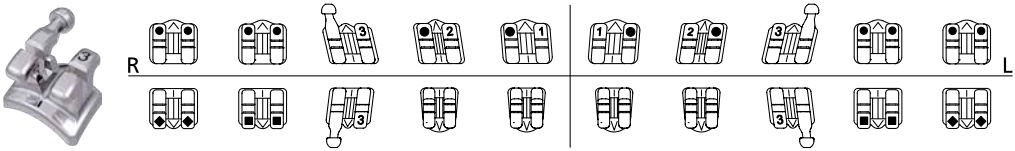
** The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

topic / Assortments

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook · nickel-free*

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-306-00**	**790-306-00**	**790-304-00**	**790-302-00**	**790-363-00**	**790-364-00**	**790-303-00**	**790-305-00**	**790-306-00**	**790-306-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.1 mm	2.7 mm	2.7 mm	2.7 mm	2.7 mm	3.1 mm	3.4 mm	3.4 mm
REF	**790-311-00**	**790-310-00**	**790-308-00**	**790-307-00**	**790-307-00**	**790-307-00**	**790-307-00**	**790-309-00**	**790-310-00**	**790-311-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 891-333-00**
10 cases	200 brackets	**REF 891-334-00**
50 cases	1000 brackets	**REF 891-335-00**

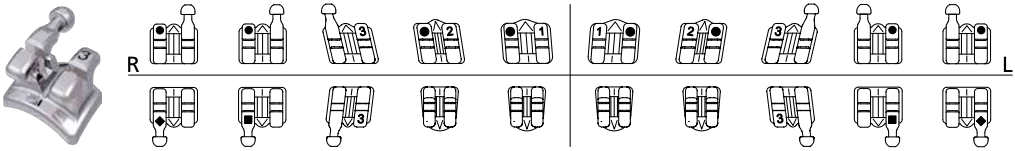
Note:
Other brackets with Roth values see single packs.

* see Materials list Orthodontics

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook · nickel-free*

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-341-00**	**790-341-00**	**790-304-00**	**790-302-00**	**790-363-00**	**790-364-00**	**790-303-00**	**790-305-00**	**790-342-00**	**790-342-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.1 mm	2.7 mm	2.7 mm	2.7 mm	2.7 mm	3.1 mm	3.4 mm	3.4 mm
REF	**790-345-00**	**790-343-00**	**790-308-00**	**790-307-00**	**790-307-00**	**790-307-00**	**790-307-00**	**790-309-00**	**790-344-00**	**790-346-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 891-336-00**
10 cases	200 brackets	**REF 891-337-00**
50 cases	1000 brackets	**REF 891-338-00**

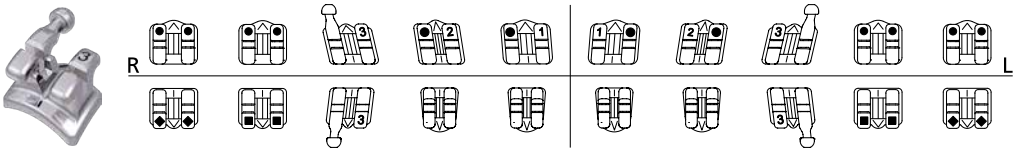
Note:
Other brackets with Roth values see single packs.

* see Materials list Orthodontics

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook · nickel-free*

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-318-00**	**790-318-00**	**790-316-00**	**790-314-00**	**790-365-00**	**790-366-00**	**790-315-00**	**790-317-00**	**790-318-00**	**790-318-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.1 mm	2.7 mm	2.7 mm	2.7 mm	2.7 mm	3.1 mm	3.4 mm	3.4 mm
REF	**790-323-00**	**790-322-00**	**790-320-00**	**790-319-00**	**790-319-00**	**790-319-00**	**790-319-00**	**790-321-00**	**790-322-00**	**790-323-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 891-339-00**
10 cases	200 brackets	**REF 891-340-00**
50 cases	1000 brackets	**REF 891-341-00**

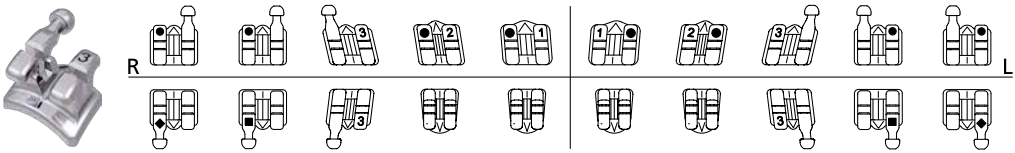
Note:
Other brackets with Roth values see single packs.

* see Materials list Orthodontics

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook · nickel-free*

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	**790-347-00**	**790-347-00**	**790-316-00**	**790-314-00**	**790-365-00**	**790-366-00**	**790-315-00**	**790-317-00**	**790-348-00**	**790-348-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.1 mm	2.7 mm	2.7 mm	2.7 mm	2.7 mm	3.1 mm	3.4 mm	3.4 mm
REF	**790-351-00**	**790-349-00**	**790-320-00**	**790-319-00**	**790-319-00**	**790-319-00**	**790-319-00**	**790-321-00**	**790-350-00**	**790-352-00**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 891-342-00**
10 cases	200 brackets	**REF 891-343-00**
50 cases	1000 brackets	**REF 891-344-00**

Note:
Other brackets with Roth values see single packs.

* see Materials list Orthodontics

topic / Single packs – bonding technique



Roth 18/22

nickel-free*

Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 12°	+ 5°	0.7 mm		3.9 mm	**790-300-00**	**790-312-00**	10 pieces
21	+ 12°	+ 5°	0.7 mm		3.9 mm	**790-301-00**	**790-313-00**	10 pieces

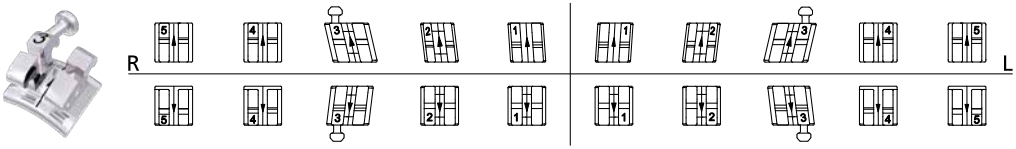
Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30
* see Materials list Orthodontics

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-401-15**	**718-401-14**	**718-441-13**	**718-401-12**	**718-401-11**	**718-401-21**	**718-401-22**	**718-441-23**	**718-401-24**	**718-401-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-401-45**	**718-401-44**	**718-441-43**	**718-401-42**	**718-401-41**	**718-401-31**	**718-401-32**	**718-441-33**	**718-401-34**	**718-401-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

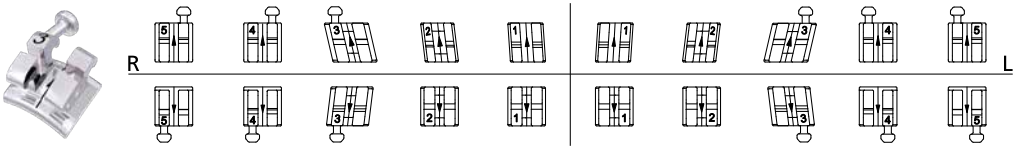
1 case	20 brackets	**REF 718-401-01**
10 cases	200 brackets	**REF 718-401-10**
50 cases	1000 brackets	**REF 718-401-50**

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-441-15**	**718-441-14**	**718-441-13**	**718-401-12**	**718-401-11**	**718-401-21**	**718-401-22**	**718-441-23**	**718-441-24**	**718-441-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-441-45**	**718-441-44**	**718-441-43**	**718-401-42**	**718-401-41**	**718-401-31**	**718-401-32**	**718-441-33**	**718-441-34**	**718-441-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-441-01**
10 cases	200 brackets	**REF 718-441-10**
50 cases	1000 brackets	**REF 718-441-50**

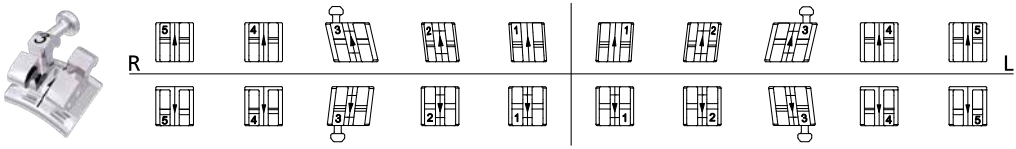
equilibrium® mini / Assortments

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-401-15**	**722-401-14**	**722-441-13**	**722-401-12**	**722-401-11**	**722-401-21**	**722-401-22**	**722-441-23**	**722-401-24**	**722-401-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-401-45**	**722-401-44**	**722-441-43**	**722-401-42**	**722-401-41**	**722-401-31**	**722-401-32**	**722-441-33**	**722-401-34**	**722-401-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

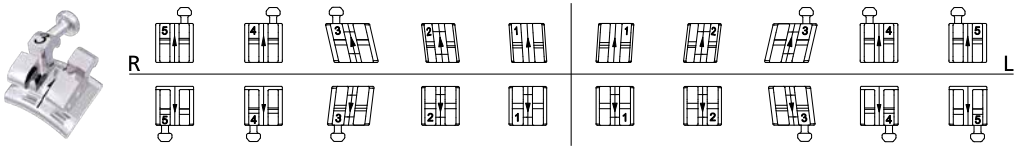
1 case	20 brackets	**REF 722-401-01**
10 cases	200 brackets	**REF 722-401-10**
50 cases	1000 brackets	**REF 722-401-50**

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-441-15**	**722-441-14**	**722-441-13**	**722-401-12**	**722-401-11**	**722-401-21**	**722-401-22**	**722-441-23**	**722-441-24**	**722-441-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-441-45**	**722-441-44**	**722-441-43**	**722-401-42**	**722-401-41**	**722-401-31**	**722-401-32**	**722-441-33**	**722-441-34**	**722-441-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

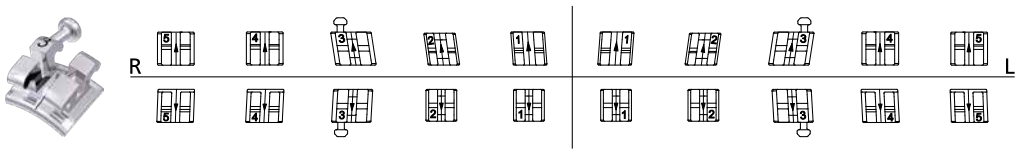
1 case	20 brackets	**REF 722-441-01**
10 cases	200 brackets	**REF 722-441-10**
50 cases	1000 brackets	**REF 722-441-50**

McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-402-15**	**718-402-14**	**718-442-13**	**718-402-12**	**718-402-11**	**718-402-21**	**718-402-22**	**718-442-23**	**718-402-24**	**718-402-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-402-45**	**718-402-44**	**718-442-43**	**718-402-42**	**718-402-41**	**718-402-31**	**718-402-32**	**718-442-33**	**718-402-34**	**718-402-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-402-01**
10 cases	200 brackets	**REF 718-402-10**
50 cases	1000 brackets	**REF 718-402-50**

Note:
Other brackets with McLaughlin-Bennett-Trevisi** values see single packs.

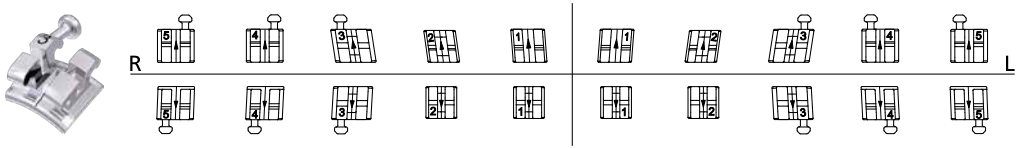
** The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-442-15**	**718-442-14**	**718-442-13**	**718-402-12**	**718-402-11**	**718-402-21**	**718-402-22**	**718-442-23**	**718-442-24**	**718-442-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**718-442-45**	**718-442-44**	**718-442-43**	**718-402-42**	**718-402-41**	**718-402-31**	**718-402-32**	**718-442-33**	**718-442-34**	**718-442-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-442-01**
10 cases	200 brackets	**REF 718-442-10**
50 cases	1000 brackets	**REF 718-442-50**

Note:
Other brackets with McLaughlin-Bennett-Trevisi** values see single packs.

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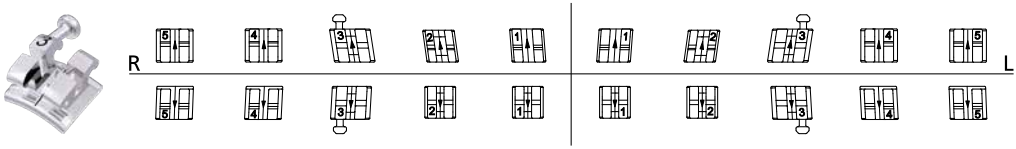
equilibrium® mini / Assortments

McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-402-15**	**722-402-14**	**722-442-13**	**722-402-12**	**722-402-11**	**722-402-21**	**722-402-22**	**722-442-23**	**722-402-24**	**722-402-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-402-45**	**722-402-44**	**722-442-43**	**722-402-42**	**722-402-41**	**722-402-31**	**722-402-32**	**722-442-33**	**722-402-34**	**722-402-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-402-01**
10 cases	200 brackets	**REF 722-402-10**
50 cases	1000 brackets	**REF 722-402-50**

Note:
Other brackets with McLaughlin-Bennett-Trevisi** values see single packs.

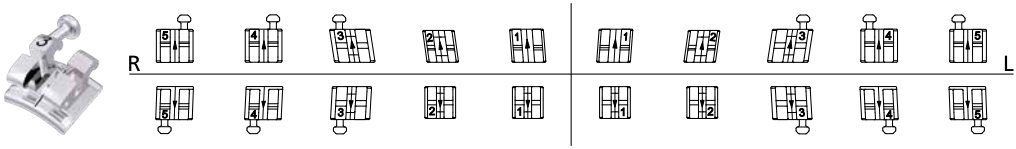
** The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-442-15**	**722-442-14**	**722-442-13**	**722-402-12**	**722-402-11**	**722-402-21**	**722-402-22**	**722-442-23**	**722-442-24**	**722-442-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	2.4 mm	2.4 mm	2.4 mm	2.2 mm	2.2 mm	2.2 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	**722-442-45**	**722-442-44**	**722-442-43**	**722-402-42**	**722-402-41**	**722-402-31**	**722-402-32**	**722-442-33**	**722-442-34**	**722-442-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-442-01**
10 cases	200 brackets	**REF 722-442-10**
50 cases	1000 brackets	**REF 722-442-50**

Note:
Other brackets with McLaughlin-Bennett-Trevisi** values see single packs.

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equilibrium® mini / Single packs – bonding technique



McLaughlin-Bennett-Trevisi** 18/22

Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 17°	+ 4°	0.7 mm		2.8 mm		**722-462-11**	10 pieces
21	+ 17°	+ 4°	0.7 mm		2.8 mm		**722-462-21**	10 pieces
12	+ 10°	+ 8°	1.3 mm		2.4 mm		**722-462-12**	10 pieces
22	+ 10°	+ 8°	1.3 mm		2.4 mm		**722-462-22**	10 pieces
15	- 7°	0°	0.7 mm		2.4 mm	**718-452-15**		10 pieces
25	- 7°	0°	0.7 mm		2.4 mm	**718-452-25**		10 pieces
15	- 7°	0°	0.7 mm	•	2.4 mm	**718-462-15**		10 pieces
25	- 7°	0°	0.7 mm	•	2.4 mm	**718-462-25**		10 pieces

Even easier bracket identification with FDI-marking on the base!
Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30
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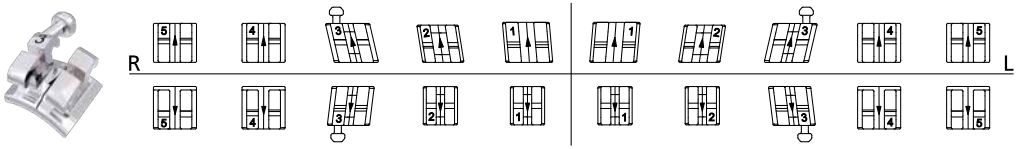
equilibrium® 2 / Assortments

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-301-15**	**718-301-14**	**718-341-13**	**718-301-12**	**718-301-11**	**718-301-21**	**718-301-22**	**718-341-23**	**718-301-24**	**718-301-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-301-45**	**718-301-44**	**718-341-43**	**718-301-42**	**718-301-41**	**718-301-31**	**718-301-32**	**718-341-33**	**718-301-34**	**718-301-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-301-01**
10 cases	200 brackets	**REF 718-301-10**
50 cases	1000 brackets	**REF 718-301-50**

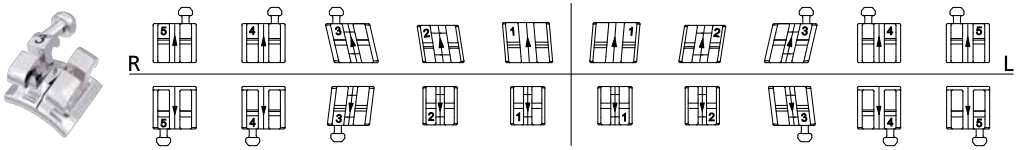
Note:
Other brackets with Roth values see single packs.

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-341-15**	**718-341-14**	**718-341-13**	**718-301-12**	**718-301-11**	**718-301-21**	**718-301-22**	**718-341-23**	**718-341-24**	**718-341-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-341-45**	**718-341-44**	**718-341-43**	**718-301-42**	**718-301-41**	**718-301-31**	**718-301-32**	**718-341-33**	**718-341-34**	**718-341-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-341-01**
10 cases	200 brackets	**REF 718-341-10**
50 cases	1000 brackets	**REF 718-341-50**

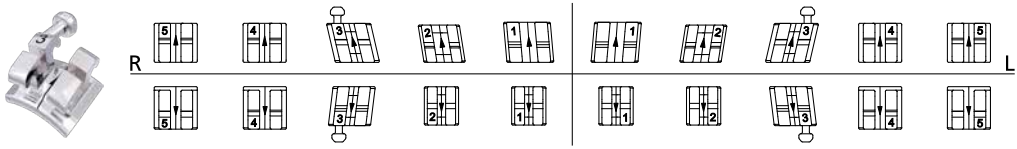
Note:
Other brackets with Roth values see single packs.

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-301-15**	**722-301-14**	**722-341-13**	**722-301-12**	**722-301-11**	**722-301-21**	**722-301-22**	**722-341-23**	**722-301-24**	**722-301-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-301-45**	**722-301-44**	**722-341-43**	**722-301-42**	**722-301-41**	**722-301-31**	**722-301-32**	**722-341-33**	**722-301-34**	**722-301-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-301-01**
10 cases	200 brackets	**REF 722-301-10**
50 cases	1000 brackets	**REF 722-301-50**

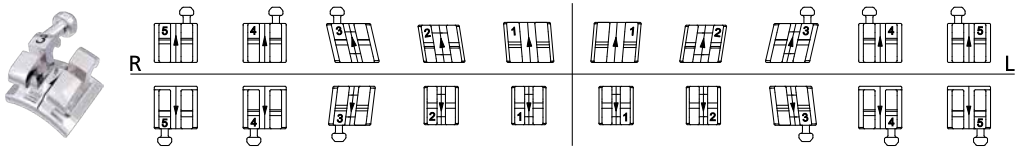
Note:
Other brackets with Roth values see single packs.

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-341-15**	**722-341-14**	**722-341-13**	**722-301-12**	**722-301-11**	**722-301-21**	**722-301-22**	**722-341-23**	**722-341-24**	**722-341-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-341-45**	**722-341-44**	**722-341-43**	**722-301-42**	**722-301-41**	**722-301-31**	**722-301-32**	**722-341-33**	**722-341-34**	**722-341-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-341-01**
10 cases	200 brackets	**REF 722-341-10**
50 cases	1000 brackets	**REF 722-341-50**

Note:
Other brackets with Roth values see single packs.

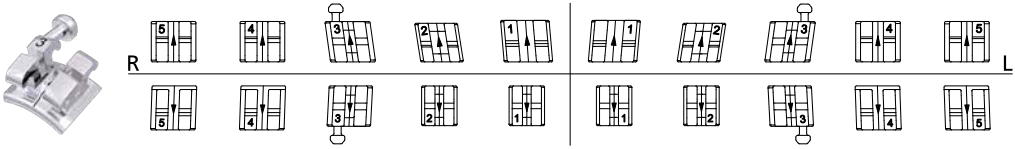
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McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-302-15**	**718-302-14**	**718-342-13**	**718-302-12**	**718-302-11**	**718-302-21**	**718-302-22**	**718-342-23**	**718-302-24**	**718-302-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-302-45**	**718-302-44**	**718-342-43**	**718-302-42**	**718-302-41**	**718-302-31**	**718-302-32**	**718-342-33**	**718-302-34**	**718-302-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-302-01**
10 cases	200 brackets	**REF 718-302-10**
50 cases	1000 brackets	**REF 718-302-50**

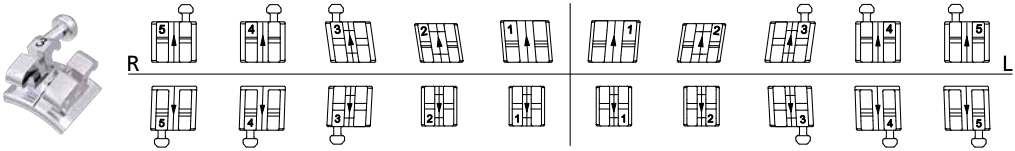
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McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-342-15**	**718-342-14**	**718-342-13**	**718-302-12**	**718-302-11**	**718-302-21**	**718-302-22**	**718-342-23**	**718-342-24**	**718-342-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-342-45**	**718-342-44**	**718-342-43**	**718-302-42**	**718-302-41**	**718-302-31**	**718-302-32**	**718-342-33**	**718-342-34**	**718-342-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-342-01**
10 cases	200 brackets	**REF 718-342-10**
50 cases	1000 brackets	**REF 718-342-50**

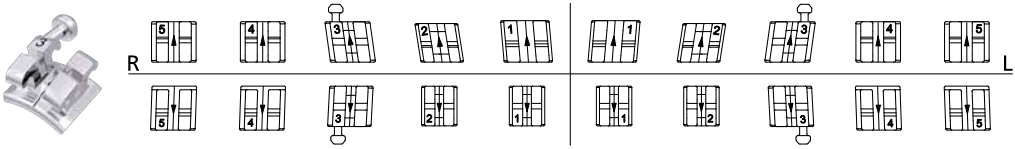
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McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-302-15**	**722-302-14**	**722-342-13**	**722-302-12**	**722-302-11**	**722-302-21**	**722-302-22**	**722-342-23**	**722-302-24**	**722-302-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-302-45**	**722-302-44**	**722-342-43**	**722-302-42**	**722-302-41**	**722-302-31**	**722-302-32**	**722-342-33**	**722-302-34**	**722-302-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-302-01**
10 cases	200 brackets	**REF 722-302-10**
50 cases	1000 brackets	**REF 722-302-50**

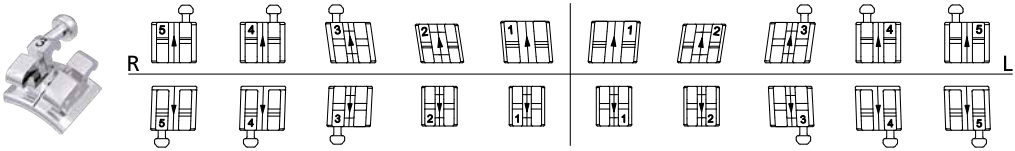
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McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-342-15**	**722-342-14**	**722-342-13**	**722-302-12**	**722-302-11**	**722-302-21**	**722-302-22**	**722-342-23**	**722-342-24**	**722-342-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-342-45**	**722-342-44**	**722-342-43**	**722-302-42**	**722-302-41**	**722-302-31**	**722-302-32**	**722-342-33**	**722-342-34**	**722-342-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-342-01**
10 cases	200 brackets	**REF 722-342-10**
50 cases	1000 brackets	**REF 722-342-50**

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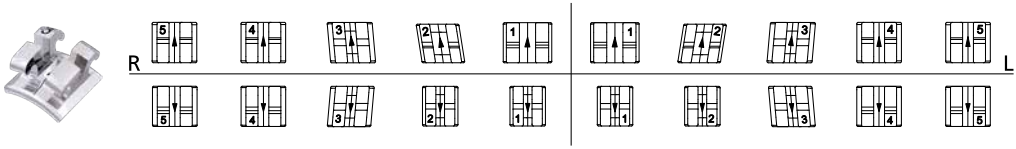
equilibrium® 2 / Assortments

Ricketts® Universal 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · without hook

Torque	0°	0°	+ 7°	+ 14°	+ 22°	+ 22°	+ 14°	+ 7°	0°	0°
Angulation	0°	0°	+ 5°	+ 8°	0°	0°	+ 8°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.9 mm	3.3 mm	3.3 mm	2.9 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-303-15**	**718-303-14**	**718-303-13**	**718-303-12**	**718-303-11**	**718-303-21**	**718-303-22**	**718-303-23**	**718-303-24**	**718-303-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
Angulation	0°	0°	+ 5°	0°	0°	0°	0°	+ 5°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	2.7 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	2.7 mm	3.1 mm	3.1 mm
REF	**718-303-45**	**718-303-44**	**718-303-43**	**718-303-42**	**718-303-41**	**718-303-31**	**718-303-32**	**718-303-33**	**718-303-34**	**718-303-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-303-01**
10 cases	200 brackets	**REF 718-303-10**
50 cases	1000 brackets	**REF 718-303-50**

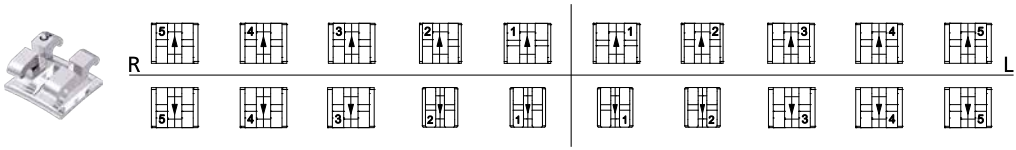
Note:
Other brackets with Ricketts® Universal values see single packs.

Standard Edgewise 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · without hook

Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.9 mm	3.3 mm	3.3 mm	2.9 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-305-15**	**718-305-14**	**718-305-13**	**718-305-12**	**718-305-11**	**718-305-21**	**718-305-22**	**718-305-23**	**718-305-24**	**718-305-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-305-45**	**718-305-44**	**718-305-43**	**718-305-42**	**718-305-41**	**718-305-31**	**718-305-32**	**718-305-33**	**718-305-34**	**718-305-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-305-01**
10 cases	200 brackets	**REF 718-305-10**
50 cases	1000 brackets	**REF 718-305-50**

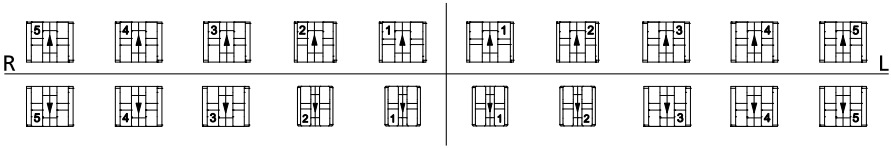
Standard Edgewise 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · without hook

Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.9 mm	3.3 mm	3.3 mm	2.9 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-305-15**	**722-305-14**	**722-305-13**	**722-305-12**	**722-305-11**	**722-305-21**	**722-305-22**	**722-305-23**	**722-305-24**	**722-305-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!





Torque	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Angulation	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.3 mm	2.3 mm	2.3 mm	2.3 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-305-45**	**722-305-44**	**722-305-43**	**722-305-42**	**722-305-41**	**722-305-31**	**722-305-32**	**722-305-33**	**722-305-34**	**722-305-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-305-01**
10 cases	200 brackets	**REF 722-305-10**
50 cases	1000 brackets	**REF 722-305-50**

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equilibrium® 2 / Single packs – bonding technique



Roth 18/22

Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
13	- 2°	+ 13°	0.7 mm		3.1 mm		**722-301-13**	10 pieces
23	- 2°	+ 13°	0.7 mm		3.1 mm		**722-301-23**	10 pieces



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
43	- 11°	+ 7°	0.7 mm		3.1 mm	**718-301-43**	**722-301-43**	10 pieces
33	- 11°	+ 7°	0.7 mm		3.1 mm	**718-301-33**	**722-301-33**	10 pieces

Even easier bracket identification with FDI-marking on the base!
Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30



Ricketts® Universal 18

Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
13	+ 7°	+ 5°	0.7 mm	•	3.1 mm	**718-343-13**		10 pieces
23	+ 7°	+ 5°	0.7 mm	•	3.1 mm	**718-343-23**		10 pieces



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
43	+ 7°	+ 5°	0.7 mm	•	2.7 mm	**718-343-43**		10 pieces
33	+ 7°	+ 5°	0.7 mm	•	2.7 mm	**718-343-33**		10 pieces

Even easier bracket identification with FDI-marking on the base!
Slot 18: 0.46 mm x 0.76 mm / 18 x 30

equilibrium® 2 / Single packs – banding technique

Roth 18/22



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
13	- 2°	+ 13°	0.7 mm		3.1 mm	**790-259-02**	**790-263-02**	10 pieces
13	- 2°	+ 13°	0.7 mm	•	3.1 mm	**790-204-02**	**790-216-02**	10 pieces
23	- 2°	+ 13°	0.7 mm		3.1 mm	**790-260-02**	**790-264-02**	10 pieces
23	- 2°	+ 13°	0.7 mm	•	3.1 mm	**790-205-02**	**790-217-02**	10 pieces



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
43	- 11°	+ 7°	0.7 mm		3.1 mm	**790-261-02**	**790-265-02**	10 pieces
43	- 11°	+ 7°	0.7 mm	•	3.1 mm	**790-208-02**	**790-220-02**	10 pieces
33	- 11°	+ 7°	0.7 mm		3.1 mm	**790-262-02**	**790-266-02**	10 pieces
33	- 11°	+ 7°	0.7 mm	•	3.1 mm	**790-209-02**	**790-221-02**	10 pieces
44 / 34	- 17°	0°	0.7 mm		3.1 mm	**790-210-02**	**790-222-02**	10 pieces
44	- 17°	0°	0.7 mm	•	3.1 mm	**790-251-02**	**790-255-02**	10 pieces
34	- 17°	0°	0.7 mm	•	3.1 mm	**790-252-02**	**790-256-02**	10 pieces
45 / 35	- 22°	0°	0.7 mm		3.1 mm	**790-211-02**	**790-223-02**	10 pieces
45	- 22°	0°	0.7 mm	•	3.1 mm	**790-253-02**	**790-257-02**	10 pieces
35	- 22°	0°	0.7 mm	•	3.1 mm	**790-254-02**	**790-258-02**	10 pieces

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30

Roth, McLaughlin-Bennett-Trevisi** 18/22



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
15-14 / 24-25	- 7°	0°	0.7 mm		3.1 mm	**790-206-02**	**790-218-02**	10 pieces
15-14	- 7°	0°	0.7 mm	•	3.1 mm	**790-249-02**	**790-243-02**	10 pieces
24-25	- 7°	0°	0.7 mm	•	3.1 mm	**790-250-02**	**790-244-02**	10 pieces

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30
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McLaughlin-Bennett-Trevisi** 18/22



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
13	0°	+ 8°	0.7 mm	•	3.1 mm	**790-274-02**	**790-228-02**	10 pieces
13	- 7°	+ 8°	0.7 mm		3.1 mm		**790-230-02**	10 pieces
23	0°	+ 8°	0.7 mm	•	3.1 mm	**790-275-02**	**790-229-02**	10 pieces
23	- 7°	+ 8°	0.7 mm		3.1 mm		**790-231-02**	10 pieces



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
43	0°	+ 3°	0.7 mm	•	3.1 mm	**790-278-02**	**790-234-02**	10 pieces
43	- 6°	+ 3°	0.7 mm		3.1 mm		**790-236-02**	10 pieces
33	0°	+ 3°	0.7 mm	•	3.1 mm	**790-279-02**	**790-235-02**	10 pieces
33	- 6°	+ 3°	0.7 mm		3.1 mm		**790-237-02**	10 pieces

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30
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Standard Edgewise 18/22

Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
42-41 / 31-32	0°	0°	0.7 mm		2.4 mm	**790-603-02**	**790-607-02**	10 pieces



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
15-13 / 23-25 / 45-43 / 33-35	0°	0°	0.7 mm		3.1 mm	**790-602-02**	**790-606-02**	10 pieces

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30



Individual systems 18/22

Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
13 / 24-25	+ 7°	0°	0.7 mm	•	3.1 mm	**790-290-02**		10 pieces
15-14 / 23	+ 7°	0°	0.7 mm	•	3.1 mm	**790-291-02**		10 pieces



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
45-43	- 11°	0°	0.7 mm	•	3.1 mm		**790-294-02**	10 pieces
33-35	- 11°	0°	0.7 mm	•	3.1 mm		**790-295-02**	10 pieces

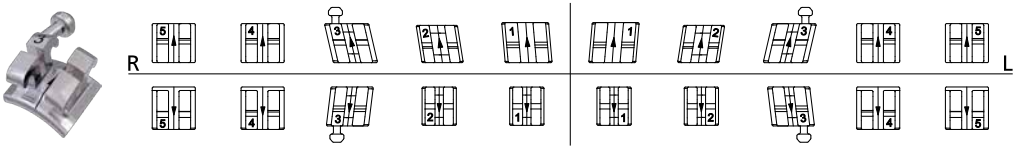
Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-501-15**	**718-501-14**	**718-541-13**	**718-501-12**	**718-501-11**	**718-501-21**	**718-501-22**	**718-541-23**	**718-501-24**	**718-501-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-501-45**	**718-501-44**	**718-541-43**	**718-501-42**	**718-501-41**	**718-501-31**	**718-501-32**	**718-541-33**	**718-501-34**	**718-501-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-501-01**
10 cases	200 brackets	**REF 718-501-10**
50 cases	1000 brackets	**REF 718-501-50**

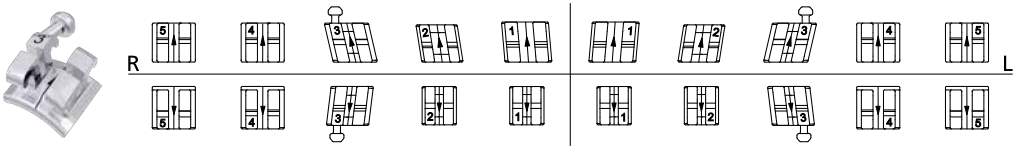
Note:
1 case assortment REF 718-501-02 is equivalent to REF 718-501-01, with additional 4 buccal tubes with vertical hook (1 x 723-028-00 / 1 x 723-032-00 / 2 x 723-026-00).

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	- 2°	+ 8°	+ 12°	+ 12°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 13°	+ 9°	+ 5°	+ 5°	+ 9°	+ 13°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-501-15**	**722-501-14**	**722-541-13**	**722-501-12**	**722-501-11**	**722-501-21**	**722-501-22**	**722-541-23**	**722-501-24**	**722-501-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 22°	- 17°	- 11°	- 1°	- 1°	- 1°	- 1°	- 11°	- 17°	- 22°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-501-45**	**722-501-44**	**722-541-43**	**722-501-42**	**722-501-41**	**722-501-31**	**722-501-32**	**722-541-33**	**722-501-34**	**722-501-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-501-01**
10 cases	200 brackets	**REF 722-501-10**
50 cases	1000 brackets	**REF 722-501-50**

Note:
1 case assortment REF 722-501-02 is equivalent to REF 722-501-01, with additional 4 buccal tubes with vertical hook (1 x 723-029-00 / 1 x 723-033-00 / 2 x 723-027-00).

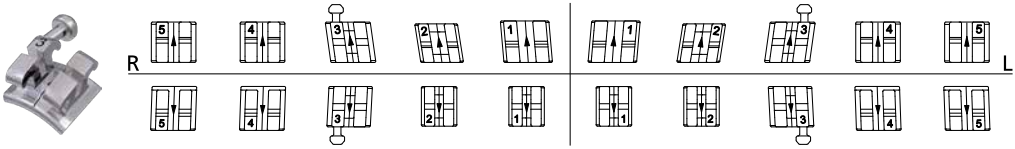
equilibrium® ti / Assortments

McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-502-15**	**718-502-14**	**718-542-13**	**718-502-12**	**718-502-11**	**718-502-21**	**718-502-22**	**718-542-23**	**718-502-24**	**718-502-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**718-502-45**	**718-502-44**	**718-542-43**	**718-502-42**	**718-502-41**	**718-502-31**	**718-502-32**	**718-542-33**	**718-502-34**	**718-502-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 718-502-01**
10 cases	200 brackets	**REF 718-502-10**
50 cases	1000 brackets	**REF 718-502-50**

Note:
1 case assortment REF 718-502-02 is equivalent to REF 718-502-01, with additional 4 buccal tubes with vertical hook (1 x 723-028-00 / 1 x 723-032-00 / 2 x 723-030-00).

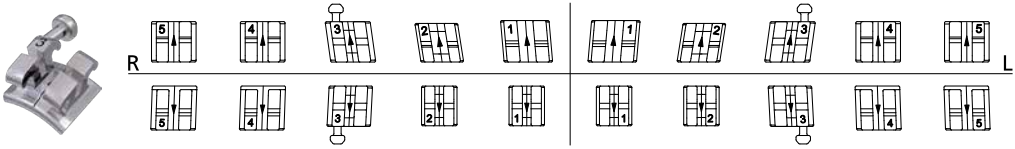
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McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · Cuspid brackets with hook

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	1.2 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	1.2 mm
Width	3.1 mm	3.1 mm	3.1 mm	3.0 mm	3.4 mm	3.4 mm	3.0 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-502-15**	**722-502-14**	**722-542-13**	**722-502-12**	**722-502-11**	**722-502-21**	**722-502-22**	**722-542-23**	**722-502-24**	**722-502-25**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Even easier bracket identification with FDI-marking on the base!



Torque	- 17°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 17°
Angulation	+ 2°	+ 2°	+ 3°	0°	0°	0°	0°	+ 3°	+ 2°	+ 2°
In/Out	0.7 mm	0.7 mm	0.7 mm	1.3 mm	1.3 mm	1.3 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.1 mm	3.1 mm	3.1 mm	2.4 mm	2.4 mm	2.4 mm	2.4 mm	3.1 mm	3.1 mm	3.1 mm
REF	**722-502-45**	**722-502-44**	**722-542-43**	**722-502-42**	**722-502-41**	**722-502-31**	**722-502-32**	**722-542-33**	**722-502-34**	**722-502-35**
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

1 case	20 brackets	**REF 722-502-01**
10 cases	200 brackets	**REF 722-502-10**
50 cases	1000 brackets	**REF 722-502-50**

Note:
1 case assortment REF 722-502-02 is equivalent to REF 722-502-01, with additional 4 buccal tubes with vertical hook (1 x 723-029-00 / 1 x 723-033-00 / 2 x 723-031-00).

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Aesthetic brackets

discovery® pearl ceramic brackets / Assortments

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discovery® pearl ceramic brackets / Single packs

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discovery® pearl & smart combined assortments

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discovery® pearl accessories Page 109

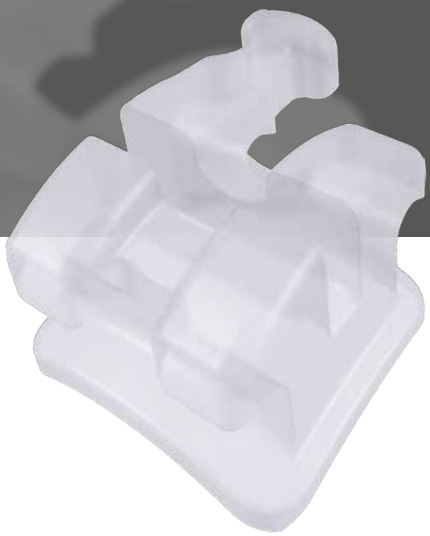
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Aesthetic brackets.

For an even more beautiful smile.



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discovery® pearl

Rediscover aesthetics.

The highest quality standards.

Brackets in the wide Dentaurum range, whether metal or ceramic, are manufactured in state-of-the-art design and production procedures on site at Ispringen, Germany. All these processes have been optimized and perfectly coordinated over the years. A very high level of precision is essential to ensure safe, reliable use in orthodontic treatment. With innovative production technologies, such as the CIM process (Ceramic Injection Molding), the most diverse ceramic products can be manufactured using injection molding. Dentaurum seeks to continually develop the aesthetic materials to enable us to react optimally to the increased demand in the ceramic bracket sector.

discovery® pearl

Fascinatingly natural.







FDI System

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
R	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8 L
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

discovery® pearl

fascinatingly natural.



Maximum quality and performance naturally without compromise.

discovery® pearl transcends all the previous boundaries of aesthetics, quality and performance. When it is bonded to the tooth, discovery® pearl adapts perfectly to the natural environment of the tooth due to its shade and high degree of translucency.

The bracket is made completely from ceramic without any bothersome metal inserts in the slot. It was designed in one piece and is manufactured in state-of-the-art production facilities using the CIM process (Ceramic Injection Molding).

The base of the bracket is optimally adapted to the contour of the tooth using CAD (Computer Aided Design), which allows it to be easily positioned on the tooth. A clear system consisting of colored positioning guides and FDI notation on the base facilitates tooth-specific assignment of each bracket. The positioning guides also help the operator align and place the bracket very easily.

The innovative laser-structured base ensures a strong bond, enables safe and reliable debonding and guarantees that discovery® pearl will produce optimal treatment outcomes and meet the ever increasing demands for aesthetic tooth correction.



Reliable product characteristics:

Proven bracket geometry of the discovery® family

ensures easy combination between discovery® metal and ceramic brackets.

Perfect shade adaptation

to the natural environment of the tooth – as if the bracket were not there.

Colored positioning guides

facilitate positioning on the tooth.

Optimal size

compact in design for optimal treatment & patient comfort.

Anatomical base

for a perfect fit on the tooth.

Laser-structured base with FDI notation

for optimal bonding and debonding characteristics.

Now also available as 1 case assortment without positioning guide.



discovery® pearl ceramic brackets / Assortments



Roth 18/22

Cuspid brackets with hook

Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
13-11 / 21-23	718-701-03	722-701-03	718-701-73	722-701-73	6 pieces (1 bracket each)
15-11 / 21-25	718-701-05	722-701-05	718-701-75	722-701-75	10 pieces (1 bracket each)

Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
13-11 / 21-23 / 43-41 / 31-33	718-701-63	722-701-63	718-701-83	722-701-83	12 pieces (1 bracket each)
15-11 / 21-25 / 45-41 / 31-35	718-701-65	722-701-65	718-701-85	722-701-85	20 pieces (1 bracket each)

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30



Roth 18/22

Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook

Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
15-11 / 21-25	718-741-60	722-741-60	718-741-80	722-741-80	10 pieces (1 bracket each)

Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
15-11 / 21-25 / 45-41 / 31-35	718-741-65	722-741-65	718-741-85	722-741-85	20 pieces (1 bracket each)

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30

discovery® pearl ceramic brackets / Assortments

McLaughlin-Bennett-Trevisi** 18/22

Cuspid brackets with hook



Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
13-11 / 21-23	718-702-03	722-702-03	718-702-73	722-702-73	6 pieces (1 bracket each)
15-11 / 21-25	718-702-05	722-702-05	718-702-75	722-702-75	10 pieces (1 bracket each)

Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
13-11 / 21-23 / 43-41 / 31-33	718-702-63	722-702-63	718-702-83	722-702-83	12 pieces (1 bracket each)
15-11 / 21-25 / 45-41 / 31-35	718-702-65	722-702-65	718-702-85	722-702-85	20 pieces (1 bracket each)

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30
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McLaughlin-Bennett-Trevisi** 18/22

Cuspid, 1st bicuspid and 2nd bicuspid brackets with hook



Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
15-11 / 21-25	718-742-60	722-742-60	718-742-80	722-742-80	10 pieces (1 bracket each)

Tooth	with positioning guide		without positioning guide		Quantity
	REF (18)	REF (22)	REF (18)	REF (22)	
15-11 / 21-25 / 45-41 / 31-35	718-742-65	722-742-65	718-742-85	722-742-85	20 pieces (1 bracket each)

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30
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discovery® pearl ceramic brackets / Single packs



Roth 18/22
with positioning guide

Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 12°	+ 5°	0.7 mm		3.1 mm	**718-701-11**	**722-701-11**	1 piece
21	+ 12°	+ 5°	0.7 mm		3.1 mm	**718-701-21**	**722-701-21**	1 piece
12	+ 8°	+ 9°	1.3 mm		2.7 mm	**718-701-12**	**722-701-12**	1 piece
22	+ 8°	+ 9°	1.3 mm		2.7 mm	**718-701-22**	**722-701-22**	1 piece
13	- 2°	+ 13°	0.7 mm	•	3.1 mm	**718-741-13**	**722-741-13**	1 piece
23	- 2°	+ 13°	0.7 mm	•	3.1 mm	**718-741-23**	**722-741-23**	1 piece
14	- 7°	0°	0.7 mm		3.1 mm	**718-701-14**	**722-701-14**	1 piece
24	- 7°	0°	0.7 mm		3.1 mm	**718-701-24**	**722-701-24**	1 piece
14	- 7°	0°	0.7 mm	•	3.1 mm	**718-741-14**	**722-741-14**	1 piece
24	- 7°	0°	0.7 mm	•	3.1 mm	**718-741-24**	**722-741-24**	1 piece
15	- 7°	0°	0.7 mm		3.1 mm	**718-701-15**	**722-701-15**	1 piece
25	- 7°	0°	0.7 mm		3.1 mm	**718-701-25**	**722-701-25**	1 piece
15	- 7°	0°	0.7 mm	•	3.1 mm	**718-741-15**	**722-741-15**	1 piece
25	- 7°	0°	0.7 mm	•	3.1 mm	**718-741-25**	**722-741-25**	1 piece



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
41	- 1°	0°	1.3 mm		2.7 mm	**718-701-41**	**722-701-41**	1 piece
31	- 1°	0°	1.3 mm		2.7 mm	**718-701-31**	**722-701-31**	1 piece
42	- 1°	0°	1.3 mm		2.7 mm	**718-701-42**	**722-701-42**	1 piece
32	- 1°	0°	1.3 mm		2.7 mm	**718-701-32**	**722-701-32**	1 piece
43	- 11°	+ 7°	0.7 mm	•	3.1 mm	**718-741-43**	**722-741-43**	1 piece
33	- 11°	+ 7°	0.7 mm	•	3.1 mm	**718-741-33**	**722-741-33**	1 piece
44	- 17°	0°	0.7 mm		3.1 mm	**718-701-44**	**722-701-44**	1 piece
34	- 17°	0°	0.7 mm		3.1 mm	**718-701-34**	**722-701-34**	1 piece
44	- 17°	0°	0.7 mm	•	3.1 mm	**718-741-44**	**722-741-44**	1 piece
34	- 17°	0°	0.7 mm	•	3.1 mm	**718-741-34**	**722-741-34**	1 piece
45	- 22°	0°	0.7 mm		3.1 mm	**718-701-45**	**722-701-45**	1 piece
35	- 22°	0°	0.7 mm		3.1 mm	**718-701-35**	**722-701-35**	1 piece
45	- 22°	0°	0.7 mm	•	3.1 mm	**718-741-45**	**722-741-45**	1 piece
35	- 22°	0°	0.7 mm	•	3.1 mm	**718-741-35**	**722-741-35**	1 piece

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30

discovery® pearl ceramic brackets / Single packs

McLaughlin-Bennett-Trevisi** 18/22

with positioning guide



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 17°	+ 4°	0.7 mm		3.1 mm	**718-702-11**	**722-702-11**	1 piece
21	+ 17°	+ 4°	0.7 mm		3.1 mm	**718-702-21**	**722-702-21**	1 piece
12	+ 10°	+ 8°	1.3 mm		2.7 mm	**718-702-12**	**722-702-12**	1 piece
22	+ 10°	+ 8°	1.3 mm		2.7 mm	**718-702-22**	**722-702-22**	1 piece
13	0°	+ 8°	0.7 mm	•	3.1 mm	**718-742-13**	**722-742-13**	1 piece
23	0°	+ 8°	0.7 mm	•	3.1 mm	**718-742-23**	**722-742-23**	1 piece
14	- 7°	0°	0.7 mm		3.1 mm	**718-702-14**	**722-702-14**	1 piece
24	- 7°	0°	0.7 mm		3.1 mm	**718-702-24**	**722-702-24**	1 piece
14	- 7°	0°	0.7 mm	•	3.1 mm	**718-742-14**	**722-742-14**	1 piece
24	- 7°	0°	0.7 mm	•	3.1 mm	**718-742-24**	**722-742-24**	1 piece
15	- 7°	0°	1.2 mm		3.1 mm	**718-702-15**	**722-702-15**	1 piece
25	- 7°	0°	1.2 mm		3.1 mm	**718-702-25**	**722-702-25**	1 piece
15	- 7°	0°	1.2 mm	•	3.1 mm	**718-742-15**	**722-742-15**	1 piece
25	- 7°	0°	1.2 mm	•	3.1 mm	**718-742-25**	**722-742-25**	1 piece



Tooth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
41	- 6°	0°	1.3 mm		2.7 mm	**718-702-41**	**722-702-41**	1 piece
31	- 6°	0°	1.3 mm		2.7 mm	**718-702-31**	**722-702-31**	1 piece
42	- 6°	0°	1.3 mm		2.7 mm	**718-702-42**	**722-702-42**	1 piece
32	- 6°	0°	1.3 mm		2.7 mm	**718-702-32**	**722-702-32**	1 piece
43	0°	+ 3°	0.7 mm	•	3.1 mm	**718-742-43**	**722-742-43**	1 piece
33	0°	+ 3°	0.7 mm	•	3.1 mm	**718-742-33**	**722-742-33**	1 piece
44	- 12°	+ 2°	0.7 mm		3.1 mm	**718-702-44**	**722-702-44**	1 piece
34	- 12°	+ 2°	0.7 mm		3.1 mm	**718-702-34**	**722-702-34**	1 piece
44	- 12°	+ 2°	0.7 mm	•	3.1 mm	**718-742-44**	**722-742-44**	1 piece
34	- 12°	+ 2°	0.7 mm	•	3.1 mm	**718-742-34**	**722-742-34**	1 piece
45	- 17°	+ 2°	0.7 mm		3.1 mm	**718-702-45**	**722-702-45**	1 piece
35	- 17°	+ 2°	0.7 mm		3.1 mm	**718-702-35**	**722-702-35**	1 piece
45	- 17°	+ 2°	0.7 mm	•	3.1 mm	**718-742-45**	**722-742-45**	1 piece
35	- 17°	+ 2°	0.7 mm	•	3.1 mm	**718-742-35**	**722-742-35**	1 piece

Slot 18: 0.46 mm x 0.76 mm / 18 x 30
Slot 22: 0.56 mm x 0.76 mm / 22 x 30

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discovery® pearl & smart combined assortments



Roth 22

Cuspid brackets with hook · with positioning guide

Brackets	Tooth	REF (22)	Quantity
discovery® pearl	**15-11 / 21-25**	**891-404-00**	20 pieces (1 bracket each)
discovery® smart	**45-41 / 31-35**		

Slot 22: 0.56 mm x 0.76 mm / 22 x 30



McLaughlin-Bennett-Trevisi** 22

Cuspid brackets with hook · with positioning guide

Brackets	Tooth	REF (22)	Quantity
discovery® pearl	**15-11 / 21-25**	**891-400-00**	20 pieces (1 bracket each)
discovery® smart	**45-41 / 31-35**		

Slot 22: 0.56 mm x 0.76 mm / 22 x 30

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discovery® pearl ceramic brackets / Accessories

discovery® pearl debonding instrument

sterilizable

For easy and safe removal of **discovery® pearl ceramic brackets**.

REF 019-001-00	1 piece



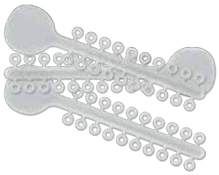
Dentalastics® pearl

Plastic ligatures

Especially delicate plastic ligatures, instead of wire ligatures, for ligating archwires in brackets.

Contents: 50 sticks x 20 rings = 1000 pieces

Color	Inner ø	REF	Quantity
pearl	1.3 mm	**774-563-01**	1 pack



SUPER Elasto-Force plastic chains

Consistent traction force over a long period of time. High elasticity with excellent elastic recovery.

Color	Inner ø	Length	REF	Quantity
pearl	1.3 mm	4.6 m	**774-236-01**	1 roll



Orthodontic demonstration model discovery® pearl

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- discovery® pearl ceramic brackets
- translucent arch pearl
- Dentalastics® pearl plastic ligatures

Maxilla made of plastic.

REF 892-000-18	1 piece

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Orthodontic demonstration model discovery® pearl

Roth 22

Fitted with:

- discovery® pearl ceramic brackets, maxilla / mandible 5-5
- Ortho-Cast M-Series buccal tubes, maxilla / mandible 6
- translucent arch pearl, maxilla
- Tensic® arch, mandible
- Dentalastics® pearl plastic ligatures

Maxilla and mandible made of plastic, hinged.

REF 892-000-21	1 piece



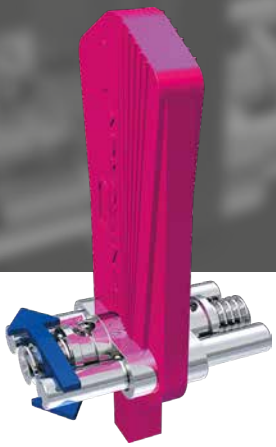
Nickel-free products

You can find further information at
www.dentaurum.de/nickel-free.

Nickel-free products.

The nickel-free therapy.



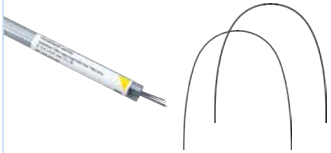
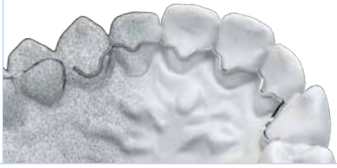


DENTAURUM ONLINE SHOP
shop.dentaurum.com

Product overview.

Dentaurum offers a wide selection of nickel-free products for holistic therapy.

Products	Chapter	
topic bracket made of remanium® star*	Metal brackets	
equilibrium® ti bracket made of pure titanium	Metal brackets	
discovery® pearl bracket made of aluminum oxide	Aesthetic brackets	

Products	Chapter	
Noninium® facebow**	Intra- and extra-oral	
rematitan® buccal tubes made of pure titanium	Buccal tubes/ Bonding technique	
rematitan® SPECIAL wires and rematitan® SPECIAL arches	Wires I Arches I Accessories	
rematitan® & Titan hyrax® · Expansion screws made of pure titanium	Expansion screws	
prime4me® RETAIN3R · Milled from titanium grade 5	Digital orthodontics	

* see Materials list Orthodontics
** Nickel ≤ 0.2% is due to the process of manufacturing

Bracket accessories



Bite-Bumper™
Bonding technique
Material: Plastic
Palatal bite raiser for raising a deep overbite in Class II treatment.

REF 705-000-00	10 pieces



Titanium button with chain acc. to Watted
Bonding technique
With laser-structured titanium base and titanium chain.
For aligning retracted anteriors and cuspids.
Length: 5 cm

REF 750-003-51	1 piece



Lingual buttons
Bonding technique
With laser-structured base, flat base, square. For incisors.
Dimensions (H x W): 3.5 mm x 3.5 mm

REF 750-002-51	10 pieces



Lingual buttons
Bonding technique
With laser-structured base, contoured base, round.
For cuspids and bicuspids.
ø 3.0 mm

REF 750-001-51	10 pieces



Lingual cleats
Bonding technique
With mesh base for bonding, flat.
For additional elastics or traction springs.
Dimensions (H x W): 3.8 mm x 3.8 mm

REF 750-602-50	10 pieces



Mesh base
Bonding technique
Anatomically contoured.

Indication	Base	Dimensions (H x W)	REF	Quantity
for incisors	flat	3.8 mm x 3.8 mm	**799-202-00**	10 pieces
for buccal tubes and 2nd molars	small	3.0 mm x 6.5 mm	**799-206-00**	10 pieces

Bracket accessories

Protection wax

Protects mucosa and lips in first days after bracket bonding until patient has become used to the appliance. Also for relief from irritation during treatment.

Form of delivery:

50 small boxes with 5 bars of protection wax each.

Color: white

REF 124-305-01	50 packs



Bracket tray

With self sticking foil to presort brackets.

REF 891-002-00	50 pieces



Bracket container

For storage of previously sorted brackets.

REF 891-001-00	1 piece



Storage box

For sorting brackets individually.

REF 766-003-10	1 piece



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Buccal tubes

Bonding technique	Page	120
Bonding technique / Titanium tubes	Page	125
Banding technique	Page	126
Prewelded parts	Page	134

Note

Tube dimensions	**Main tube** Slot: 0.46 mm x 0.64 mm / 18 x 25 or Slot: 0.56 mm x 0.70 mm / 22 x 28
	Auxiliary tube Slot: 0.46 mm x 0.64 mm / 18 x 25 e.g. for segmental arches in the segment arch technique (max. recommended wire thickness: 0.43 mm x 0.64 mm / 17 x 25)
	Lip bumper/Facebow tubes ø 1.15 mm / 45
	In/Out 0.3 mm
Hook	Hooks are positioned mesially unless stated otherwise. Easy identification: + = maxilla – = mandible

Images of the buccal tubes are examples only.

Information can be found easily with Dentaurum's color coding in the catalog

Maxillary Mandibular Maxillary + Mandibular

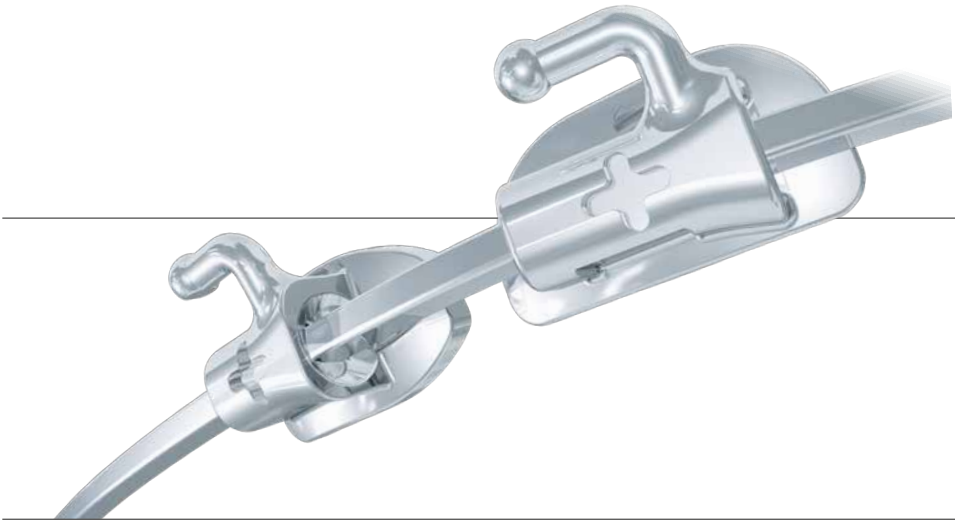
Buccal tubes.

Perfect in function and design.



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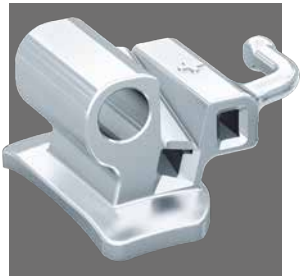
Buccal tubes



Perfect in function and design.

Just like the Dentaurum brackets, the buccal tubes are manufactured using state-of-the-art design and production techniques. Depending on the material, the tubes are available in different variations ranging from single, non-convertible tubes to more complex triple combinations. This allows more flexibility when planning therapy. Many buccal tubes are available for the adhesive technique as well as the banding technique. The buccal tubes can be welded to the bands of your choice in our pre-welding service.

The latest buccal tube generation, the Ortho-Cast M-Series, is particularly easy to handle. Thanks to contouring of the base and a groove for the positioning tweezers, the tubes are extremely easy to place. The funnel-shaped opening ensures easy archwire insertion. The M-Series is also available as Ortho-Cast M-Series mini for the second molar.





Ortho-Cast M-Series mini

The delicate buccal tube.



Ortho-Cast M-Series

The latest generation.



Ortho-Cast

The MIM buccal tube.



Ortho

The classic buccal tube.



rematitan®

The only buccal tube made of pure titanium.



Bonding technique

single round



Ortho

non-convertible · with lip bumper/facebow tube · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width		REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		6.0 mm		**725-203-51**	

Slot: 0.9 mm / 36

single rectangular



Ortho-Cast M-Series mini 18/22

non-convertible · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17	- 14°	0°	•	2.5 mm	**818-411-17**	**822-411-17**	Roth
27	- 14°	0°	•	2.5 mm	**818-411-27**	**822-411-27**	Roth
17	- 14°	0°	•	2.5 mm	**818-412-17**	**822-412-17**	McLaughlin-Bennett-Trevisi**
27	- 14°	0°	•	2.5 mm	**818-412-27**	**822-412-27**	McLaughlin-Bennett-Trevisi**
17	0°	0°	•	2.5 mm	**818-413-17**		Ricketts® Universal
27	0°	0°	•	2.5 mm	**818-413-27**		Ricketts® Universal
17	0°	0°	•	2.5 mm	**818-415-17**	**822-415-17**	Standard Edgewise
27	0°	0°	•	2.5 mm	**818-415-27**	**822-415-27**	Standard Edgewise



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47	- 30°	0°	•	2.5 mm	**818-411-47**	**822-411-47**	Roth
37	- 30°	0°	•	2.5 mm	**818-411-37**	**822-411-37**	Roth
47	- 10°	0°	•	2.5 mm	**818-412-47**	**822-412-47**	McLaughlin-Bennett-Trevisi**
37	- 10°	0°	•	2.5 mm	**818-412-37**	**822-412-37**	McLaughlin-Bennett-Trevisi**
46	- 20°	0°	•	2.5 mm	**818-412-46**	**822-412-46**	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	2.5 mm	**818-412-36**	**822-412-36**	McLaughlin-Bennett-Trevisi**
47	0°	0°	•	2.5 mm	**818-413-47**		Ricketts® Universal
37	0°	0°	•	2.5 mm	**818-413-37**		Ricketts® Universal
47	0°	0°	•	2.5 mm	**818-415-47**	**822-415-47**	Standard Edgewise
37	0°	0°	•	2.5 mm	**818-415-37**	**822-415-37**	Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28

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single rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	**818-211-16**	**822-211-16**	Roth
26	- 14°	14°	•	3.3 mm	**818-211-26**	**822-211-26**	Roth
16	- 14°	10°	•	3.3 mm	**818-212-16**	**822-212-16**	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	**818-212-26**	**822-212-26**	McLaughlin-Bennett-Trevisi**
16	0°	0°	•	3.3 mm	**818-215-16**	**822-215-16**	Standard Edgewise
26	0°	0°	•	3.3 mm	**818-215-26**	**822-215-26**	Standard Edgewise



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	**818-211-46**	**822-211-46**	Roth
36	- 30°	4°	•	3.3 mm	**818-211-36**	**822-211-36**	Roth
47	- 10°	0°	•	3.3 mm	**818-212-47**	**822-212-47**	McLaughlin-Bennett-Trevisi**
37	- 10°	0°	•	3.3 mm	**818-212-37**	**822-212-37**	McLaughlin-Bennett-Trevisi**
46	- 20°	0°	•	3.3 mm	**818-212-46**	**822-212-46**	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	**818-212-36**	**822-212-36**	McLaughlin-Bennett-Trevisi**
46	0°	0°	•	3.3 mm	**818-215-46**	**822-215-46**	Standard Edgewise
36	0°	0°	•	3.3 mm	**818-215-36**	**822-215-36**	Standard Edgewise
46	- 25°	0°	•	3.3 mm	**818-219-46**	**822-219-46**	
36	- 25°	0°	•	3.3 mm	**818-219-36**	**822-219-36**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28
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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	**818-111-16**	**822-111-16**	Roth
26	- 14°	14°	•	3.3 mm	**818-111-26**	**822-111-26**	Roth
16	- 14°	10°	•	3.3 mm	**818-112-16**	**822-112-16**	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	**818-112-26**	**822-112-26**	McLaughlin-Bennett-Trevisi**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	**818-111-46**	**822-111-46**	Roth
36	- 30°	4°	•	3.3 mm	**818-111-36**	**822-111-36**	Roth
46	- 20°	0°	•	3.3 mm	**818-112-46**	**822-112-46**	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	**818-112-36**	**822-112-36**	McLaughlin-Bennett-Trevisi**

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28
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Bonding technique

single rectangular



Ortho-Cast 18/22

non-convertible · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	4.0 mm	**724-092-51**	**724-094-51**	
26-27 / 47-46	0°	6°	•	4.0 mm	**724-093-51**	**724-095-51**	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		4.0 mm	**724-090-51**	**724-091-51**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho-Cast 18

non-convertible · with larger base · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	6°		4.0 mm	**724-090-50**		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25



Ortho-Cast 18/22

non-convertible · distal notch · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	3.3 mm	**724-607-51**	**724-610-51**	
26-27 / 47-46	0°	6°	•	3.3 mm	**724-608-51**	**724-611-51**	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		3.3 mm	**724-609-51**	**724-612-51**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho 18/22

non-convertible · distal extension · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	0°	•	6.0 mm	**725-164-50**	**725-166-50**	Ricketts® Universal 18, Standard Edgewise
26-27 / 47-46	0°	0°	•	6.0 mm	**725-165-50**	**725-167-50**	Ricketts® Universal 18, Standard Edgewise
17-16 / 36-37	0°	6°	•	6.0 mm	**725-168-50**	**725-170-50**	
26-27 / 47-46	0°	6°	•	6.0 mm	**725-169-50**	**725-171-50**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28

single rectangular

Ortho-Cast 18



convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 10°	8°	•	4.0 mm	**724-048-51**		
26-27	- 10°	8°	•	4.0 mm	**724-049-51**		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25

double rectangular

Ortho-Cast M-Series 18/22



non-convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	**818-221-16**	**822-221-16**	Roth
26	- 14°	14°	•	3.3 mm	**818-221-26**	**822-221-26**	Roth
16	- 14°	10°	•	3.3 mm	**818-222-16**	**822-222-16**	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	**818-222-26**	**822-222-26**	McLaughlin-Bennett-Trevisi**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	**818-221-46**	**822-221-46**	Roth
36	- 30°	4°	•	3.3 mm	**818-221-36**	**822-221-36**	Roth
46	- 20°	0°	•	3.3 mm	**818-222-46**	**822-222-46**	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	**818-222-36**	**822-222-36**	McLaughlin-Bennett-Trevisi**



Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
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Ortho-Cast M-Series 18/22



convertible · Quantity: 10 pieces

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	3.3 mm	**818-121-16**	**822-121-16**	Roth
26	- 14°	14°	•	3.3 mm	**818-121-26**	**822-121-26**	Roth
16	- 14°	10°	•	3.3 mm	**818-122-16**	**822-122-16**	McLaughlin-Bennett-Trevisi**
26	- 14°	10°	•	3.3 mm	**818-122-26**	**822-122-26**	McLaughlin-Bennett-Trevisi**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 30°	4°	•	3.3 mm	**818-121-46**	**822-121-46**	Roth
36	- 30°	4°	•	3.3 mm	**818-121-36**	**822-121-36**	Roth
46	- 20°	0°	•	3.3 mm	**818-122-46**	**822-122-46**	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm	**818-122-36**	**822-122-36**	McLaughlin-Bennett-Trevisi**



Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
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Bonding technique

double rectangular



Ortho-Cast 18/22

non-convertible · with vertical hook · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°	•	3.5 mm	**724-018-51**	**724-019-51**	Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28

double combination



Ortho-Cast 18/22

convertible · with lip bumper/facebow tube gingival · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 20°	0°	•	4.0 mm	**724-240-51**	**724-222-51**	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	**724-241-51**	**724-223-51**	McLaughlin-Bennett-Trevisi** for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)
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double rectangular

rematitan® 18/22

non-convertible · **Quantity: 10 pieces**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27	- 10°	0°		4.0 mm	**723-020-00**	**723-021-00**	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46 / 36-37	- 22°	0°		4.0 mm	**723-022-00**	**723-023-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28

rematitan® 18/22

non-convertible · with vertical hook · **Quantity: 10 pieces**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	**723-028-00**	**723-029-00**	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	**723-032-00**	**723-033-00**	McLaughlin-Bennett-Trevisi**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46 / 36-37	- 20°	0°	•	4.0 mm	**723-030-00**	**723-031-00**	McLaughlin-Bennett-Trevisi** for the 1st molar
47-46 / 36-37	- 22°	0°	•	4.0 mm	**723-026-00**	**723-027-00**	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	- 10°	0°	•	4.0 mm	**723-024-00**	**723-025-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28
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Banding technique

single round



Ortho

non-convertible · with lip bumper/facebow tube · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width		REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		6.0 mm		**725-203-00**	

Slot: 0.9 mm / 36



Ortho

non-convertible · with lip bumper/facebow tube · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width		REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		6.0 mm		**725-206-00**	

Slot: 1.15 mm / 45

double round



Ortho

non-convertible · with lip bumper/facebow tube · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width		REF	System
17-16 / 26-27 / 47-46 / 36-37		0°		4.6 mm		**726-011-00**	

Slot: 0.9 mm / 36 · Slot round tube: 1.15 mm / 45 (occlusal)

single rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	3.3 mm	**818-212-10**	**822-212-10**	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	**818-212-20**	**822-212-20**	McLaughlin-Bennett-Trevisi**
17-16	- 10°	8°	•	3.3 mm	**818-217-10**	**822-217-10**	
26-27	- 10°	8°	•	3.3 mm	**818-217-20**	**822-217-20**	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47	- 10°	0°	•	3.3 mm	**818-512-40**	**822-512-40**	McLaughlin-Bennett-Trevisi**
37	- 10°	0°	•	3.3 mm	**818-512-30**	**822-512-30**	McLaughlin-Bennett-Trevisi**
47-46	- 25°	8°	•	3.3 mm	**818-217-40**	**822-217-40**	
36-37	- 25°	8°	•	3.3 mm	**818-217-30**	**822-217-30**	
47-46	- 30°	12°	•	3.3 mm	**818-218-40**	**822-218-40**	
36-37	- 30°	12°	•	3.3 mm	**818-218-30**	**822-218-30**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28
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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.3 mm	**818-111-10**	**822-111-10**	Roth
26-27	- 14°	14°	•	3.3 mm	**818-111-20**	**822-111-20**	Roth
17-16	- 14°	10°	•	3.3 mm	**818-112-10**	**822-112-10**	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	**818-112-20**	**822-112-20**	McLaughlin-Bennett-Trevisi**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 30°	4°	•	3.3 mm	**818-111-40**	**822-111-40**	Roth
36-37	- 30°	4°	•	3.3 mm	**818-111-30**	**822-111-30**	Roth
47-46	- 20°	0°	•	3.3 mm	**818-112-40**	**822-112-40**	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	3.3 mm	**818-112-30**	**822-112-30**	McLaughlin-Bennett-Trevisi** for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28
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Banding technique

single rectangular



Ortho-Cast 18/22

non-convertible · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	4.0 mm	**724-092-00**	**724-094-00**	
26-27 / 47-46	0°	6°	•	4.0 mm	**724-093-00**	**724-095-00**	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		4.0 mm	**724-090-00**	**724-091-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho-Cast 18

convertible · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 10°	8°	•	4.0 mm	**724-048-00**		
26-27	- 10°	8°	•	4.0 mm	**724-049-00**		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25



Ortho-Cast 18/22

non-convertible · distal notch · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	6°	•	3.3 mm	**724-607-00**	**724-610-00**	
26-27 / 47-46	0°	6°	•	3.3 mm	**724-608-00**	**724-611-00**	
17-16 / 26-27 / 47-46 / 36-37	0°	6°		3.3 mm	**724-609-00**	**724-612-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28



Ortho 18/22

non-convertible · distal extension · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 36-37	0°	0°	•	6.0 mm	**725-164-00**	**725-166-00**	Ricketts® Universal 18, Standard Edgewise
26-27 / 47-46	0°	0°	•	6.0 mm	**725-165-00**	**725-167-00**	Ricketts® Universal 18, Standard Edgewise
17-16 / 36-37	0°	6°	•	6.0 mm	**725-168-00**	**725-170-00**	
26-27 / 47-46	0°	6°	•	6.0 mm	**725-169-00**	**725-171-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28

double rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.3 mm	**818-221-10**	**822-221-10**	Roth
26-27	- 14°	14°	•	3.3 mm	**818-221-20**	**822-221-20**	Roth
17-16	- 14°	10°	•	3.3 mm	**818-222-10**	**822-222-10**	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	**818-222-20**	**822-222-20**	McLaughlin-Bennett-Trevisi**
17-16	- 9°	10°	•	3.6 mm	**818-227-10**	**822-227-10**	
26-27	- 9°	10°	•	3.6 mm	**818-227-20**	**822-227-20**	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 30°	4°	•	3.3 mm	**818-221-40**	**822-221-40**	Roth
36-37	- 30°	4°	•	3.3 mm	**818-221-30**	**822-221-30**	Roth
47-46	- 20°	0°	•	3.3 mm	**818-222-40**	**822-222-40**	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	3.3 mm	**818-222-30**	**822-222-30**	McLaughlin-Bennett-Trevisi** for the 1st molar
47-46	- 22°	12°	•	3.6 mm	**818-224-40**	**822-224-40**	Ricketts® 18 - IV. dimension for the 1st molar
36-37	- 22°	12°	•	3.6 mm	**818-224-30**	**822-224-30**	Ricketts® 18 - IV. dimension for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.3 mm	**818-121-10**	**822-121-10**	Roth
26-27	- 14°	14°	•	3.3 mm	**818-121-20**	**822-121-20**	Roth
17-16	- 14°	10°	•	3.3 mm	**818-122-10**	**822-122-10**	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.3 mm	**818-122-20**	**822-122-20**	McLaughlin-Bennett-Trevisi**



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	0°	0°	•	3.6 mm	**818-125-40**	**822-125-40**	Ricketts® Universal 18, Standard Edgewise
36-37	0°	0°	•	3.6 mm	**818-125-30**	**822-125-30**	Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
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Banding technique

double rectangular



Ortho-Cast M-Series 18/22

convertible · Auxiliary tube placed in gingival/buccal direction · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 30°	4°	•	3.6 mm	**818-151-40**	**822-151-40**	Roth
36-37	- 30°	4°	•	3.6 mm	**818-151-30**	**822-151-30**	Roth
47-46	- 20°	0°	•	3.6 mm	**818-152-40**	**822-152-40**	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	3.6 mm	**818-152-30**	**822-152-30**	McLaughlin-Bennett-Trevisi** for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
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Ortho-Cast 18/22

non-convertible · with vertical hook · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46 / 36-37	- 30°	0°	•	4.0 mm	**724-616-00**	**724-617-00**	



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°	•	3.5 mm	**724-018-00**	**724-019-00**	Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28



Ortho-Cast 18/22

convertible · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	8°	•	4.0 mm	**724-056-00**	**724-156-00**	
36-37	- 25°	8°	•	4.0 mm	**724-057-00**	**724-157-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25

double combination

Ortho-Cast M-Series 18/22



convertible · with lip bumper/facebow tube occlusal · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.6 mm	**818-141-10**	**822-141-10**	Roth
26-27	- 14°	14°	•	3.6 mm	**818-141-20**	**822-141-20**	Roth
17-16	- 14°	10°	•	3.6 mm		**822-142-10**	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.6 mm		**822-142-20**	McLaughlin-Bennett-Trevisi**

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (occlusal)
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Ortho-Cast M-Series 18/22



convertible · with lip bumper/facebow tube gingival · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	8°	•	3.6 mm	**818-147-40**	**822-147-40**	
36-37	- 25°	8°	•	3.6 mm	**818-147-30**	**822-147-30**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)

Ortho-Cast 18/22



convertible · with lip bumper/facebow tube gingival · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 20°	0°	•	4.0 mm	**724-240-00**	**724-222-00**	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	**724-241-00**	**724-223-00**	McLaughlin-Bennett-Trevisi** for the 1st molar

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)
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Ortho 18/22



non-convertible · with lip bumper/facebow tube occlusal · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	0°	•	4.6 mm	**727-365-00**	**727-385-00**	Ricketts® Universal 18, Standard Edgewise
26-27	0°	0°	•	4.6 mm	**727-366-00**	**727-386-00**	Ricketts® Universal 18, Standard Edgewise
17-16 / 26-27	0°	0°		4.6 mm	**727-265-00**	**727-266-00**	Ricketts® Universal 18, Standard Edgewise
17-16	0°	6°	•	4.6 mm	**727-367-00**	**727-387-00**	
26-27	0°	6°	•	4.6 mm	**727-368-00**	**727-388-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (occlusal)

Banding technique

double combination



Ortho 18/22

non-convertible · with lip bumper/facebow tube gingival · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	0°	0°	•	4.6 mm	**727-267-00**	**727-269-00**	Ricketts® Universal 18, Standard Edgewise
36-37	0°	0°	•	4.6 mm	**727-268-00**	**727-270-00**	Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (gingival)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (gingival)

triple combination



Ortho-Cast M-Series 18/22

convertible · with lip bumper/facebow tube occlusal · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	3.6 mm	**818-131-10**	**822-131-10**	Roth
26-27	- 14°	14°	•	3.6 mm	**818-131-20**	**822-131-20**	Roth
17-16	- 14°	10°	•	3.6 mm	**818-132-10**	**822-132-10**	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	3.6 mm	**818-132-20**	**822-132-20**	McLaughlin-Bennett-Trevisi**
17-16	- 10°	8°	•	3.6 mm		**822-137-10**	
26-27	- 10°	8°	•	3.6 mm		**822-137-20**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
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Ortho-Cast 18/22

non-convertible · with lip bumper/facebow tube central · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	0°	•	3.6 mm	**724-600-00**		Ricketts® Universal 18, Standard Edgewise
26-27	0°	0°	•	3.6 mm	**724-601-00**		Ricketts® Universal 18, Standard Edgewise
17-16	0°	6°	•	3.6 mm	**724-602-00**	**724-613-00**	
26-27	0°	6°	•	3.6 mm	**724-603-00**	**724-614-00**	
17-16	- 9°	10°	•	3.6 mm	**724-618-00**	**724-620-00**	
26-27	- 9°	10°	•	3.6 mm	**724-619-00**	**724-621-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (central)



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	8°	•	4.0 mm	**724-060-00**	**724-160-00**	
36-37	- 25°	8°	•	4.0 mm	**724-061-00**	**724-161-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)



Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°		3.6 mm	**724-604-00**	**724-615-00**	Ricketts® Universal 18, Standard Edgewise
17-16 / 26-27 / 47-46 / 36-37	0°	6°		3.6 mm	**724-605-00**		

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 mm x 0.70 mm / 22 x 28 · Slot round tube: 1.15 mm / 45 (central)

triple combination

Ortho-Cast 18



non-convertible · with mesial/distal hook · with lip bumper/facebow tube central · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16 / 26-27 / 47-46 / 36-37	0°	0°	•	3.6 mm	**724-606-00**		Ricketts® Universal 18, Standard Edgewise

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (central)

Ortho-Cast 18/22



convertible · with lip bumper/facebow tube occlusal · **Quantity: 10 pieces**

Tooth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	8°	•	4.0 mm	**724-006-00**	**724-106-00**	
26-27	0°	8°	•	4.0 mm	**724-007-00**	**724-107-00**	

Slot 18: 0.46 mm x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
Slot 22: 0.56 mm x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 mm x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)

DENTAURUM ONLINE SHOP shop.dentaurum.com

Prewelded parts



Lingual / Palatal sheath

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · open

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 26-27 / 47-46 / 36-37		0°	0.25 mm		3.5 mm	**728-010-00**	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual /Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · closed

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 26-27 / 47-46 / 36-37		0°	0.25 mm		3.5 mm	**728-110-00**	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual/Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · open · with mesial/distal hook

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm	•	3.5 mm	**728-011-00**	10 pieces
26-27 / 47-46		0°	0.25 mm	•	3.5 mm	**728-012-00**	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual /Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · closed · with mesial/distal hook

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm	•	3.5 mm	**728-111-00**	10 pieces
26-27 / 47-46		0°	0.25 mm	•	3.5 mm	**728-112-00**	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual /Palatal sheaths

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · open · with distal hook

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm	•	3.5 mm	**728-016-00**	10 pieces
26-27 / 47-46		0°	0.25 mm	•	3.5 mm	**728-017-00**	10 pieces

Slot: 2 x 0.9 mm / 36



Lingual /Palatal sheaths easy in

for Orthorama®, Lingual/Palatal bars, Goshgarian, Quad Helix · closed · with insertion groove

An insertion groove facilitates the insertion and removal of Orthorama®, lingual and palatal arches, Goshgarian and Quad Helix into/from the lingual palatal sheaths easy-in. The anterior teeth pose no hindrance. The insertion groove should always face the occlusal plane during welding so that the arches can be inserted horizontally in the occlusal plane.

Tooth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16 / 36-37		0°	0.25 mm		3.5 mm	**728-113-00**	10 pieces
26-27 / 47-46		0°	0.25 mm		3.5 mm	**728-114-00**	10 pieces

Slot: 2 x 0.9 mm / 36

Button / Banding technique

For elastics or Dentalastics®.



Version	REF	Quantity
round base, long neck	**750-002-00**	10 pieces
broad base, short neck	**750-101-00**	10 pieces

Band seating lugs / Banding technique

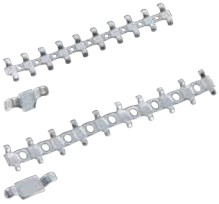
For all preformed bands.



Form of delivery	REF	Quantity
on strips	**750-201-00**	100 pieces

Double hooks / Banding technique

For additional elastics or tension springs.



Version	Form of delivery	REF	Quantity
narrow, for cuspid and bicuspid bands	on strips	**750-602-00**	10 pieces
narrow, for cuspid and bicuspid bands	single	**750-602-10**	10 pieces
wide, for molar bands	on strips	**750-603-00**	10 pieces
wide, for molar bands	single	**750-603-10**	10 pieces

Hooks with seating lug / Banding technique

For elastics, ligatures, etc.



Form of delivery	REF	Quantity
single	**750-401-00**	100 pieces

Bands

dentaform® Snap

Assortments Page 142

Single packs Page 143

dentaform®

Assortments Page 147

Single packs Page 149

Standard

Assortments Page 157

Single packs Page 161

Accessories Page 168

FDI System

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
R	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8 L
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

Bands.

Modern band systems for satisfied orthodontists and patients.



If you wish to order individually pre-welded bands, please contact your local representative.

DENTAURUM SERVICE



Best quality.

Easy and precise placement, elasticity and anatomical fit are fundamental requirements for an orthodontic band. In band production, Dentaurum places the highest value on the best quality and fit, while using the best materials. All bands carry a permanent, biocompatible laser marking. The bands have a high-luster polishing on the outside and are roughened by a special process on the inside to improve adhesion.

The anatomically contoured dentaform® bands are made of a very flexible material that can be adapted perfectly to the tooth. dentaform® Snap bands consist of a harder material for optimal stability and permanent fit. The high edge stability prevents unwanted deformation of the band periphery. In addition, we offer standard bands for universal use.

dentaform® Snap

The bands with the super snap effect.

dentaform®

The bands which are easy to adapt.

Standard

The universal standard bands.



Pre-welding service – banding technique.

Reliable and quick.

Optimal service.

If required, all Dentaurum brackets, buccal tubes and palatal auxiliaries can be welded to Dentaurum bands by our welding service. Our competent team will assist you with your order and ensure quick processing. Computer-assisted recording of individual data enables fast and reliable delivery.





Quick and easy ordering.

- **Ask for the pre-welding order form.**
  To ensure quick processing, please always use our welding service forms.
- **Personal card for welding service with ordering variant.**
  Your personal card is drawn up to your own requirements and specifications. We will be pleased to assist you at any time.

Pre-welded goods from stock.

Use our pre-welded goods on stock* to further shorten delivery time.

- **Finished bands.**
  You will receive your welded bands packed in mini grip bags with a complete statement of the contents.

* Maxilla/mandible first molar, right/left in band quality dentaform® Snap/dentaform® welded acc. to Roth 18/22 and maxilla/mandible first and second premolar right/left in band quality Standard welded acc. to Roth 18/22.

dentaform® Snap / Assortments

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extra-oral technique (facebow) or SUS
- secure fit and optimal adhesion due to rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
16	**No. 5-36** (2)	**878-364-18**	**878-364-22**	**878-064-00**	64 pieces
26	**No. 5-36** (2)	**879-364-18**	**879-364-22**	**879-064-00**	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
16	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	**878-350-18**	**878-350-22**	**878-150-00**	150 pieces
26	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	**879-350-18**	**879-350-22**	**879-150-00**	150 pieces

[1] (16) welded with buccal tubes 818-131-10 and double hook 750-602-10
(26) welded with buccal tubes 818-131-20 and double hook 750-602-10
[2] (16) welded with buccal tubes 822-131-10 and double hook 750-602-10
(26) welded with buccal tubes 822-131-20 and double hook 750-602-10

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

Lower first molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
46	**No. 5-36** (2)	**880-364-18**	**880-364-22**	**880-264-00**	64 pieces
36	**No. 5-36** (2)	**881-364-18**	**881-364-22**	**881-264-00**	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
46	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	**880-350-18**	**880-350-22**	**880-250-00**	150 pieces
36	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	**881-350-18**	**881-350-22**	**881-250-00**	150 pieces

[1] (36) welded with buccal tubes 818-151-30 and double hook 750-602-10
(46) welded with buccal tubes 818-151-40 and double hook 750-602-10
[2] (36) welded with buccal tubes 822-151-30 and double hook 750-602-10
(46) welded with buccal tubes 822-151-40 and double hook 750-602-10

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dentaform® Snap / Single packs

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extra-oral technique (facebow) or SUS
- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first molar bands, right

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
16	**1**	0.12 mm	8.78 mm	**878-301-18**	**878-301-22**	1 piece	**878-001-00**	10 pieces
16	**2**	0.12 mm	8.89 mm	**878-302-18**	**878-302-22**	1 piece	**878-002-00**	10 pieces
16	**3**	0.12 mm	8.99 mm	**878-303-18**	**878-303-22**	1 piece	**878-003-00**	10 pieces
16	**4**	0.12 mm	9.09 mm	**878-304-18**	**878-304-22**	1 piece	**878-004-00**	10 pieces
16	**5**	0.12 mm	9.20 mm	**878-305-18**	**878-305-22**	1 piece	**878-005-00**	10 pieces
16	**6**	0.12 mm	9.30 mm	**878-306-18**	**878-306-22**	1 piece	**878-006-00**	10 pieces
16	**7**	0.12 mm	9.40 mm	**878-307-18**	**878-307-22**	1 piece	**878-007-00**	10 pieces
16	**8**	0.12 mm	9.50 mm	**878-308-18**	**878-308-22**	1 piece	**878-008-00**	10 pieces
16	**9**	0.15 mm	9.61 mm	**878-309-18**	**878-309-22**	1 piece	**878-009-00**	10 pieces
16	**10**	0.15 mm	9.71 mm	**878-310-18**	**878-310-22**	1 piece	**878-010-00**	10 pieces
16	**11**	0.15 mm	9.81 mm	**878-311-18**	**878-311-22**	1 piece	**878-011-00**	10 pieces
16	**12**	0.15 mm	9.92 mm	**878-312-18**	**878-312-22**	1 piece	**878-012-00**	10 pieces
16	**13**	0.15 mm	10.02 mm	**878-313-18**	**878-313-22**	1 piece	**878-013-00**	10 pieces
16	**14**	0.15 mm	10.12 mm	**878-314-18**	**878-314-22**	1 piece	**878-014-00**	10 pieces
16	**15**	0.15 mm	10.23 mm	**878-315-18**	**878-315-22**	1 piece	**878-015-00**	10 pieces
16	**16**	0.15 mm	10.33 mm	**878-316-18**	**878-316-22**	1 piece	**878-016-00**	10 pieces
16	**17**	0.15 mm	10.43 mm	**878-317-18**	**878-317-22**	1 piece	**878-017-00**	10 pieces
16	**18**	0.15 mm	10.54 mm	**878-318-18**	**878-318-22**	1 piece	**878-018-00**	10 pieces
16	**19**	0.15 mm	10.64 mm	**878-319-18**	**878-319-22**	1 piece	**878-019-00**	10 pieces
16	**20**	0.15 mm	10.74 mm	**878-320-18**	**878-320-22**	1 piece	**878-020-00**	10 pieces
16	**21**	0.15 mm	10.85 mm	**878-321-18**	**878-321-22**	1 piece	**878-021-00**	10 pieces
16	**22**	0.15 mm	10.95 mm	**878-322-18**	**878-322-22**	1 piece	**878-022-00**	10 pieces
16	**23**	0.15 mm	11.05 mm	**878-323-18**	**878-323-22**	1 piece	**878-023-00**	10 pieces
16	**24**	0.15 mm	11.16 mm	**878-324-18**	**878-324-22**	1 piece	**878-024-00**	10 pieces
16	**25**	0.18 mm	11.26 mm	**878-325-18**	**878-325-22**	1 piece	**878-025-00**	10 pieces
16	**26**	0.18 mm	11.36 mm	**878-326-18**	**878-326-22**	1 piece	**878-026-00**	10 pieces
16	**27**	0.18 mm	11.47 mm	**878-327-18**	**878-327-22**	1 piece	**878-027-00**	10 pieces
16	**28**	0.18 mm	11.57 mm	**878-328-18**	**878-328-22**	1 piece	**878-028-00**	10 pieces
16	**29**	0.18 mm	11.67 mm	**878-329-18**	**878-329-22**	1 piece	**878-029-00**	10 pieces
16	**30**	0.18 mm	11.78 mm	**878-330-18**	**878-330-22**	1 piece	**878-030-00**	10 pieces
16	**31**	0.18 mm	11.88 mm	**878-331-18**	**878-331-22**	1 piece	**878-031-00**	10 pieces
16	**32**	0.18 mm	11.98 mm	**878-332-18**	**878-332-22**	1 piece	**878-032-00**	10 pieces
16	**33**	0.18 mm	12.08 mm	**878-333-18**	**878-333-22**	1 piece	**878-033-00**	10 pieces
16	**34**	0.18 mm	12.19 mm	**878-334-18**	**878-334-22**	1 piece	**878-034-00**	10 pieces
16	**35**	0.18 mm	12.29 mm	**878-335-18**	**878-335-22**	1 piece	**878-035-00**	10 pieces
16	**36**	0.18 mm	12.39 mm	**878-336-18**	**878-336-22**	1 piece	**878-036-00**	10 pieces





[1] welded with buccal tubes 818-131-10 and double hook 750-602-10
[2] welded with buccal tubes 822-131-10 and double hook 750-602-10

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dentaform® Snap / Single packs

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
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- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first molar bands, left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
26	**1**	0.12 mm	8.78 mm	**879-301-18**	**879-301-22**	1 piece	**879-001-00**	10 pieces
26	**2**	0.12 mm	8.89 mm	**879-302-18**	**879-302-22**	1 piece	**879-002-00**	10 pieces
26	**3**	0.12 mm	8.99 mm	**879-303-18**	**879-303-22**	1 piece	**879-003-00**	10 pieces
26	**4**	0.12 mm	9.09 mm	**879-304-18**	**879-304-22**	1 piece	**879-004-00**	10 pieces
26	**5**	0.12 mm	9.20 mm	**879-305-18**	**879-305-22**	1 piece	**879-005-00**	10 pieces
26	**6**	0.12 mm	9.30 mm	**879-306-18**	**879-306-22**	1 piece	**879-006-00**	10 pieces
26	**7**	0.12 mm	9.40 mm	**879-307-18**	**879-307-22**	1 piece	**879-007-00**	10 pieces
26	**8**	0.12 mm	9.50 mm	**879-308-18**	**879-308-22**	1 piece	**879-008-00**	10 pieces
26	**9**	0.15 mm	9.61 mm	**879-309-18**	**879-309-22**	1 piece	**879-009-00**	10 pieces
26	**10**	0.15 mm	9.71 mm	**879-310-18**	**879-310-22**	1 piece	**879-010-00**	10 pieces
26	**11**	0.15 mm	9.81 mm	**879-311-18**	**879-311-22**	1 piece	**879-011-00**	10 pieces
26	**12**	0.15 mm	9.92 mm	**879-312-18**	**879-312-22**	1 piece	**879-012-00**	10 pieces
26	**13**	0.15 mm	10.02 mm	**879-313-18**	**879-313-22**	1 piece	**879-013-00**	10 pieces
26	**14**	0.15 mm	10.12 mm	**879-314-18**	**879-314-22**	1 piece	**879-014-00**	10 pieces
26	**15**	0.15 mm	10.23 mm	**879-315-18**	**879-315-22**	1 piece	**879-015-00**	10 pieces
26	**16**	0.15 mm	10.33 mm	**879-316-18**	**879-316-22**	1 piece	**879-016-00**	10 pieces
26	**17**	0.15 mm	10.43 mm	**879-317-18**	**879-317-22**	1 piece	**879-017-00**	10 pieces
26	**18**	0.15 mm	10.54 mm	**879-318-18**	**879-318-22**	1 piece	**879-018-00**	10 pieces
26	**19**	0.15 mm	10.64 mm	**879-319-18**	**879-319-22**	1 piece	**879-019-00**	10 pieces
26	**20**	0.15 mm	10.74 mm	**879-320-18**	**879-320-22**	1 piece	**879-020-00**	10 pieces
26	**21**	0.15 mm	10.85 mm	**879-321-18**	**879-321-22**	1 piece	**879-021-00**	10 pieces
26	**22**	0.15 mm	10.95 mm	**879-322-18**	**879-322-22**	1 piece	**879-022-00**	10 pieces
26	**23**	0.15 mm	11.05 mm	**879-323-18**	**879-323-22**	1 piece	**879-023-00**	10 pieces
26	**24**	0.15 mm	11.16 mm	**879-324-18**	**879-324-22**	1 piece	**879-024-00**	10 pieces
26	**25**	0.18 mm	11.26 mm	**879-325-18**	**879-325-22**	1 piece	**879-025-00**	10 pieces
26	**26**	0.18 mm	11.36 mm	**879-326-18**	**879-326-22**	1 piece	**879-026-00**	10 pieces
26	**27**	0.18 mm	11.47 mm	**879-327-18**	**879-327-22**	1 piece	**879-027-00**	10 pieces
26	**28**	0.18 mm	11.57 mm	**879-328-18**	**879-328-22**	1 piece	**879-028-00**	10 pieces
26	**29**	0.18 mm	11.67 mm	**879-329-18**	**879-329-22**	1 piece	**879-029-00**	10 pieces
26	**30**	0.18 mm	11.78 mm	**879-330-18**	**879-330-22**	1 piece	**879-030-00**	10 pieces
26	**31**	0.18 mm	11.88 mm	**879-331-18**	**879-331-22**	1 piece	**879-031-00**	10 pieces
26	**32**	0.18 mm	11.98 mm	**879-332-18**	**879-332-22**	1 piece	**879-032-00**	10 pieces
26	**33**	0.18 mm	12.08 mm	**879-333-18**	**879-333-22**	1 piece	**879-033-00**	10 pieces
26	**34**	0.18 mm	12.19 mm	**879-334-18**	**879-334-22**	1 piece	**879-034-00**	10 pieces
26	**35**	0.18 mm	12.29 mm	**879-335-18**	**879-335-22**	1 piece	**879-035-00**	10 pieces
26	**36**	0.18 mm	12.39 mm	**879-336-18**	**879-336-22**	1 piece	**879-036-00**	10 pieces





[1] welded with buccal tubes 818-131-20 and double hook 750-602-10
[2] welded with buccal tubes 822-131-20 and double hook 750-602-10

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- secure fit and optimal adhesion due to rough interior surface
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We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower first molar bands, right

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
46	**1**	0.12 mm	8.91 mm	**880-301-18**	**880-301-22**	1 piece	**880-201-00**	10 pieces
46	**2**	0.12 mm	9.03 mm	**880-302-18**	**880-302-22**	1 piece	**880-202-00**	10 pieces
46	**3**	0.12 mm	9.15 mm	**880-303-18**	**880-303-22**	1 piece	**880-203-00**	10 pieces
46	**4**	0.12 mm	9.28 mm	**880-304-18**	**880-304-22**	1 piece	**880-204-00**	10 pieces
46	**5**	0.12 mm	9.40 mm	**880-305-18**	**880-305-22**	1 piece	**880-205-00**	10 pieces
46	**6**	0.12 mm	9.52 mm	**880-306-18**	**880-306-22**	1 piece	**880-206-00**	10 pieces
46	**7**	0.12 mm	9.65 mm	**880-307-18**	**880-307-22**	1 piece	**880-207-00**	10 pieces
46	**8**	0.12 mm	9.77 mm	**880-308-18**	**880-308-22**	1 piece	**880-208-00**	10 pieces
46	**9**	0.15 mm	9.89 mm	**880-309-18**	**880-309-22**	1 piece	**880-209-00**	10 pieces
46	**10**	0.15 mm	10.01 mm	**880-310-18**	**880-310-22**	1 piece	**880-210-00**	10 pieces
46	**11**	0.15 mm	10.14 mm	**880-311-18**	**880-311-22**	1 piece	**880-211-00**	10 pieces
46	**12**	0.15 mm	10.25 mm	**880-312-18**	**880-312-22**	1 piece	**880-212-00**	10 pieces
46	**13**	0.15 mm	10.38 mm	**880-313-18**	**880-313-22**	1 piece	**880-213-00**	10 pieces
46	**14**	0.15 mm	10.50 mm	**880-314-18**	**880-314-22**	1 piece	**880-214-00**	10 pieces
46	**15**	0.15 mm	10.63 mm	**880-315-18**	**880-315-22**	1 piece	**880-215-00**	10 pieces
46	**16**	0.15 mm	10.75 mm	**880-316-18**	**880-316-22**	1 piece	**880-216-00**	10 pieces
46	**17**	0.15 mm	10.87 mm	**880-317-18**	**880-317-22**	1 piece	**880-217-00**	10 pieces
46	**18**	0.15 mm	10.99 mm	**880-318-18**	**880-318-22**	1 piece	**880-218-00**	10 pieces
46	**19**	0.15 mm	11.12 mm	**880-319-18**	**880-319-22**	1 piece	**880-219-00**	10 pieces
46	**20**	0.15 mm	11.24 mm	**880-320-18**	**880-320-22**	1 piece	**880-220-00**	10 pieces
46	**21**	0.15 mm	11.36 mm	**880-321-18**	**880-321-22**	1 piece	**880-221-00**	10 pieces
46	**22**	0.15 mm	11.48 mm	**880-322-18**	**880-322-22**	1 piece	**880-222-00**	10 pieces
46	**23**	0.15 mm	11.61 mm	**880-323-18**	**880-323-22**	1 piece	**880-223-00**	10 pieces
46	**24**	0.15 mm	11.73 mm	**880-324-18**	**880-324-22**	1 piece	**880-224-00**	10 pieces
46	**25**	0.18 mm	11.85 mm	**880-325-18**	**880-325-22**	1 piece	**880-225-00**	10 pieces
46	**26**	0.18 mm	11.97 mm	**880-326-18**	**880-326-22**	1 piece	**880-226-00**	10 pieces
46	**27**	0.18 mm	12.10 mm	**880-327-18**	**880-327-22**	1 piece	**880-227-00**	10 pieces
46	**28**	0.18 mm	12.22 mm	**880-328-18**	**880-328-22**	1 piece	**880-228-00**	10 pieces
46	**29**	0.18 mm	12.34 mm	**880-329-18**	**880-329-22**	1 piece	**880-229-00**	10 pieces
46	**30**	0.18 mm	12.46 mm	**880-330-18**	**880-330-22**	1 piece	**880-230-00**	10 pieces
46	**31**	0.18 mm	12.59 mm	**880-331-18**	**880-331-22**	1 piece	**880-231-00**	10 pieces
46	**32**	0.18 mm	12.71 mm	**880-332-18**	**880-332-22**	1 piece	**880-232-00**	10 pieces
46	**33**	0.18 mm	12.83 mm	**880-333-18**	**880-333-22**	1 piece	**880-233-00**	10 pieces
46	**34**	0.18 mm	12.96 mm	**880-334-18**	**880-334-22**	1 piece	**880-234-00**	10 pieces
46	**35**	0.18 mm	13.08 mm	**880-335-18**	**880-335-22**	1 piece	**880-235-00**	10 pieces
46	**36**	0.18 mm	13.20 mm	**880-336-18**	**880-336-22**	1 piece	**880-236-00**	10 pieces





[1] welded with buccal tubes 818-151-40 and double hook 750-602-10
[2] welded with buccal tubes 822-151-40 and double hook 750-602-10

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

dentaform® Snap / Single packs

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extra-oral technique (facebow) or SUS
- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower first molar bands, left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
36	**1**	0.12 mm	8.91 mm	**881-301-18**	**881-301-22**	1 piece	**881-201-00**	10 pieces
36	**2**	0.12 mm	9.03 mm	**881-302-18**	**881-302-22**	1 piece	**881-202-00**	10 pieces
36	**3**	0.12 mm	9.15 mm	**881-303-18**	**881-303-22**	1 piece	**881-203-00**	10 pieces
36	**4**	0.12 mm	9.28 mm	**881-304-18**	**881-304-22**	1 piece	**881-204-00**	10 pieces
36	**5**	0.12 mm	9.40 mm	**881-305-18**	**881-305-22**	1 piece	**881-205-00**	10 pieces
36	**6**	0.12 mm	9.52 mm	**881-306-18**	**881-306-22**	1 piece	**881-206-00**	10 pieces
36	**7**	0.12 mm	9.65 mm	**881-307-18**	**881-307-22**	1 piece	**881-207-00**	10 pieces
36	**8**	0.12 mm	9.77 mm	**881-308-18**	**881-308-22**	1 piece	**881-208-00**	10 pieces
36	**9**	0.15 mm	9.89 mm	**881-309-18**	**881-309-22**	1 piece	**881-209-00**	10 pieces
36	**10**	0.15 mm	10.01 mm	**881-310-18**	**881-310-22**	1 piece	**881-210-00**	10 pieces
36	**11**	0.15 mm	10.14 mm	**881-311-18**	**881-311-22**	1 piece	**881-211-00**	10 pieces
36	**12**	0.15 mm	10.25 mm	**881-312-18**	**881-312-22**	1 piece	**881-212-00**	10 pieces
36	**13**	0.15 mm	10.38 mm	**881-313-18**	**881-313-22**	1 piece	**881-213-00**	10 pieces
36	**14**	0.15 mm	10.50 mm	**881-314-18**	**881-314-22**	1 piece	**881-214-00**	10 pieces
36	**15**	0.15 mm	10.63 mm	**881-315-18**	**881-315-22**	1 piece	**881-215-00**	10 pieces
36	**16**	0.15 mm	10.75 mm	**881-316-18**	**881-316-22**	1 piece	**881-216-00**	10 pieces
36	**17**	0.15 mm	10.87 mm	**881-317-18**	**881-317-22**	1 piece	**881-217-00**	10 pieces
36	**18**	0.15 mm	10.99 mm	**881-318-18**	**881-318-22**	1 piece	**881-218-00**	10 pieces
36	**19**	0.15 mm	11.12 mm	**881-319-18**	**881-319-22**	1 piece	**881-219-00**	10 pieces
36	**20**	0.15 mm	11.24 mm	**881-320-18**	**881-320-22**	1 piece	**881-220-00**	10 pieces
36	**21**	0.15 mm	11.36 mm	**881-321-18**	**881-321-22**	1 piece	**881-221-00**	10 pieces
36	**22**	0.15 mm	11.48 mm	**881-322-18**	**881-322-22**	1 piece	**881-222-00**	10 pieces
36	**23**	0.15 mm	11.61 mm	**881-323-18**	**881-323-22**	1 piece	**881-223-00**	10 pieces
36	**24**	0.15 mm	11.73 mm	**881-324-18**	**881-324-22**	1 piece	**881-224-00**	10 pieces
36	**25**	0.18 mm	11.85 mm	**881-325-18**	**881-325-22**	1 piece	**881-225-00**	10 pieces
36	**26**	0.18 mm	11.97 mm	**881-326-18**	**881-326-22**	1 piece	**881-226-00**	10 pieces
36	**27**	0.18 mm	12.10 mm	**881-327-18**	**881-327-22**	1 piece	**881-227-00**	10 pieces
36	**28**	0.18 mm	12.22 mm	**881-328-18**	**881-328-22**	1 piece	**881-228-00**	10 pieces
36	**29**	0.18 mm	12.34 mm	**881-329-18**	**881-329-22**	1 piece	**881-229-00**	10 pieces
36	**30**	0.18 mm	12.46 mm	**881-330-18**	**881-330-22**	1 piece	**881-230-00**	10 pieces
36	**31**	0.18 mm	12.59 mm	**881-331-18**	**881-331-22**	1 piece	**881-231-00**	10 pieces
36	**32**	0.18 mm	12.71 mm	**881-332-18**	**881-332-22**	1 piece	**881-232-00**	10 pieces
36	**33**	0.18 mm	12.83 mm	**881-333-18**	**881-333-22**	1 piece	**881-233-00**	10 pieces
36	**34**	0.18 mm	12.96 mm	**881-334-18**	**881-334-22**	1 piece	**881-234-00**	10 pieces
36	**35**	0.18 mm	13.08 mm	**881-335-18**	**881-335-22**	1 piece	**881-235-00**	10 pieces
36	**36**	0.18 mm	13.20 mm	**881-336-18**	**881-336-22**	1 piece	**881-236-00**	10 pieces





[1] welded with buccal tubes 818-151-30 and double hook 750-602-10
[2] welded with buccal tubes 822-151-30 and double hook 750-602-10

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- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without double hook) ideal for the Herbst technique (welding service for double bands available free of charge on request)
- secure fit and optimal adhesion due to rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
16	**No. 5-36** (2)	882-364-18	882-364-22	882-064-00	64 pieces
26	**No. 5-36** (2)	883-364-18	883-364-22	883-064-00	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
16	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	882-350-18	882-350-22	882-150-00	150 pieces
26	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	883-350-18	883-350-22	883-150-00	150 pieces

Maxi

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
16	**No. 5-8, 30-36** (4), **9-18** (8), **19-20** (12), **21-25, 28-29** (16), **26-27** (20)			882-300-00	300 pieces
26	**No. 5-8, 30-36** (4), **9-18** (8), **19-20** (12), **21-25, 28-29** (16), **26-27** (20)			883-300-00	300 pieces

[1] (16) welded with buccal tubes 818-131-10 and double hook 750-602-10
(26) welded with buccal tubes 818-131-20 and double hook 750-602-10
[2] (16) welded with buccal tubes 822-131-10 and double hook 750-602-10
(26) welded with buccal tubes 822-131-20 and double hook 750-602-10

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Upper second molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
17	**No. 1-32** (2)			886-064-00	64 pieces
27	**No. 1-32** (2)			887-064-00	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
17	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)			886-150-00	150 pieces
27	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)			887-150-00	150 pieces

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dentaform® / Assortments

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without double hook) ideal for the Herbst technique (welding service for double bands available free of charge on request)
- secure fit and optimal adhesion due to rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower first molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
46	**No. 5-36** (2)	**884-364-18**	**884-364-22**	**884-064-00**	64 pieces
36	**No. 5-36** (2)	**885-364-18**	**885-364-22**	**885-064-00**	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1]	REF (Roth 22)[2]	REF	
46	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	**884-350-18**	**884-350-22**	**884-150-00**	150 pieces
36	**No. 5-8, 30-36** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)	**885-350-18**	**885-350-22**	**885-150-00**	150 pieces

Maxi

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
46	**No. 5-8, 30-36** (4), **9-18** (8), **19-20** (12), **21-25, 28-29** (16), **26-27** (20)			**884-300-00**	300 pieces
36	**No. 5-8, 30-36** (4), **9-18** (8), **19-20** (12), **21-25, 28-29** (16), **26-27** (20)			**885-300-00**	300 pieces

[1] (36) welded with buccal tubes 818-151-30 and double hook 750-602-10
(46) welded with buccal tubes 818-151-40 and double hook 750-602-10
[2] (36) welded with buccal tubes 822-151-30 and double hook 750-602-10
(46) welded with buccal tubes 822-151-40 and double hook 750-602-10

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Lower second molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
47	**No. 1-32** (2)			**888-064-00**	64 pieces
37	**No. 1-32** (2)			**889-064-00**	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
47	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)			**888-150-00**	150 pieces
37	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)			**889-150-00**	150 pieces

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dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without double hook) ideal for the Herbst technique (welding service for double bands available free of charge on request)
- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first molar bands, right

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
16	**1**	0.12 mm	8.78 mm	**882-301-18**	**882-301-22**	1 piece	**882-001-00**	10 pieces
16	**2**	0.12 mm	8.89 mm	**882-302-18**	**882-302-22**	1 piece	**882-002-00**	10 pieces
16	**3**	0.12 mm	8.99 mm	**882-303-18**	**882-303-22**	1 piece	**882-003-00**	10 pieces
16	**4**	0.12 mm	9.09 mm	**882-304-18**	**882-304-22**	1 piece	**882-004-00**	10 pieces
16	**5**	0.12 mm	9.20 mm	**882-305-18**	**882-305-22**	1 piece	**882-005-00**	10 pieces
16	**6**	0.12 mm	9.30 mm	**882-306-18**	**882-306-22**	1 piece	**882-006-00**	10 pieces
16	**7**	0.12 mm	9.40 mm	**882-307-18**	**882-307-22**	1 piece	**882-007-00**	10 pieces
16	**8**	0.12 mm	9.50 mm	**882-308-18**	**882-308-22**	1 piece	**882-008-00**	10 pieces
16	**9**	0.15 mm	9.61 mm	**882-309-18**	**882-309-22**	1 piece	**882-009-00**	10 pieces
16	**10**	0.15 mm	9.71 mm	**882-310-18**	**882-310-22**	1 piece	**882-010-00**	10 pieces
16	**11**	0.15 mm	9.81 mm	**882-311-18**	**882-311-22**	1 piece	**882-011-00**	10 pieces
16	**12**	0.15 mm	9.92 mm	**882-312-18**	**882-312-22**	1 piece	**882-012-00**	10 pieces
16	**13**	0.15 mm	10.02 mm	**882-313-18**	**882-313-22**	1 piece	**882-013-00**	10 pieces
16	**14**	0.15 mm	10.12 mm	**882-314-18**	**882-314-22**	1 piece	**882-014-00**	10 pieces
16	**15**	0.15 mm	10.23 mm	**882-315-18**	**882-315-22**	1 piece	**882-015-00**	10 pieces
16	**16**	0.15 mm	10.33 mm	**882-316-18**	**882-316-22**	1 piece	**882-016-00**	10 pieces
16	**17**	0.15 mm	10.43 mm	**882-317-18**	**882-317-22**	1 piece	**882-017-00**	10 pieces
16	**18**	0.15 mm	10.54 mm	**882-318-18**	**882-318-22**	1 piece	**882-018-00**	10 pieces
16	**19**	0.15 mm	10.64 mm	**882-319-18**	**882-319-22**	1 piece	**882-019-00**	10 pieces
16	**20**	0.15 mm	10.74 mm	**882-320-18**	**882-320-22**	1 piece	**882-020-00**	10 pieces
16	**21**	0.15 mm	10.85 mm	**882-321-18**	**882-321-22**	1 piece	**882-021-00**	10 pieces
16	**22**	0.15 mm	10.95 mm	**882-322-18**	**882-322-22**	1 piece	**882-022-00**	10 pieces
16	**23**	0.15 mm	11.05 mm	**882-323-18**	**882-323-22**	1 piece	**882-023-00**	10 pieces
16	**24**	0.15 mm	11.16 mm	**882-324-18**	**882-324-22**	1 piece	**882-024-00**	10 pieces
16	**25**	0.18 mm	11.26 mm	**882-325-18**	**882-325-22**	1 piece	**882-025-00**	10 pieces
16	**26**	0.18 mm	11.36 mm	**882-326-18**	**882-326-22**	1 piece	**882-026-00**	10 pieces
16	**27**	0.18 mm	11.47 mm	**882-327-18**	**882-327-22**	1 piece	**882-027-00**	10 pieces
16	**28**	0.18 mm	11.57 mm	**882-328-18**	**882-328-22**	1 piece	**882-028-00**	10 pieces
16	**29**	0.18 mm	11.67 mm	**882-329-18**	**882-329-22**	1 piece	**882-029-00**	10 pieces
16	**30**	0.18 mm	11.78 mm	**882-330-18**	**882-330-22**	1 piece	**882-030-00**	10 pieces
16	**31**	0.18 mm	11.88 mm	**882-331-18**	**882-331-22**	1 piece	**882-031-00**	10 pieces
16	**32**	0.18 mm	11.98 mm	**882-332-18**	**882-332-22**	1 piece	**882-032-00**	10 pieces
16	**33**	0.18 mm	12.08 mm	**882-333-18**	**882-333-22**	1 piece	**882-033-00**	10 pieces
16	**34**	0.18 mm	12.19 mm	**882-334-18**	**882-334-22**	1 piece	**882-034-00**	10 pieces
16	**35**	0.18 mm	12.29 mm	**882-335-18**	**882-335-22**	1 piece	**882-035-00**	10 pieces
16	**36**	0.18 mm	12.39 mm	**882-336-18**	**882-336-22**	1 piece	**882-036-00**	10 pieces





[1] welded with buccal tubes 818-131-10 and double hook 750-602-10
[2] welded with buccal tubes 822-131-10 and double hook 750-602-10

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dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without double hook) ideal for the Herbst technique (welding service for double bands available free of charge on request)
- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first molar bands, left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
26	**1**	0.12 mm	8.78 mm	**883-301-18**	**883-301-22**	1 piece	**883-001-00**	10 pieces
26	**2**	0.12 mm	8.89 mm	**883-302-18**	**883-302-22**	1 piece	**883-002-00**	10 pieces
26	**3**	0.12 mm	8.99 mm	**883-303-18**	**883-303-22**	1 piece	**883-003-00**	10 pieces
26	**4**	0.12 mm	9.09 mm	**883-304-18**	**883-304-22**	1 piece	**883-004-00**	10 pieces
26	**5**	0.12 mm	9.20 mm	**883-305-18**	**883-305-22**	1 piece	**883-005-00**	10 pieces
26	**6**	0.12 mm	9.30 mm	**883-306-18**	**883-306-22**	1 piece	**883-006-00**	10 pieces
26	**7**	0.12 mm	9.40 mm	**883-307-18**	**883-307-22**	1 piece	**883-007-00**	10 pieces
26	**8**	0.12 mm	9.50 mm	**883-308-18**	**883-308-22**	1 piece	**883-008-00**	10 pieces
26	**9**	0.15 mm	9.61 mm	**883-309-18**	**883-309-22**	1 piece	**883-009-00**	10 pieces
26	**10**	0.15 mm	9.71 mm	**883-310-18**	**883-310-22**	1 piece	**883-010-00**	10 pieces
26	**11**	0.15 mm	9.81 mm	**883-311-18**	**883-311-22**	1 piece	**883-011-00**	10 pieces
26	**12**	0.15 mm	9.92 mm	**883-312-18**	**883-312-22**	1 piece	**883-012-00**	10 pieces
26	**13**	0.15 mm	10.02 mm	**883-313-18**	**883-313-22**	1 piece	**883-013-00**	10 pieces
26	**14**	0.15 mm	10.12 mm	**883-314-18**	**883-314-22**	1 piece	**883-014-00**	10 pieces
26	**15**	0.15 mm	10.23 mm	**883-315-18**	**883-315-22**	1 piece	**883-015-00**	10 pieces
26	**16**	0.15 mm	10.33 mm	**883-316-18**	**883-316-22**	1 piece	**883-016-00**	10 pieces
26	**17**	0.15 mm	10.43 mm	**883-317-18**	**883-317-22**	1 piece	**883-017-00**	10 pieces
26	**18**	0.15 mm	10.54 mm	**883-318-18**	**883-318-22**	1 piece	**883-018-00**	10 pieces
26	**19**	0.15 mm	10.64 mm	**883-319-18**	**883-319-22**	1 piece	**883-019-00**	10 pieces
26	**20**	0.15 mm	10.74 mm	**883-320-18**	**883-320-22**	1 piece	**883-020-00**	10 pieces
26	**21**	0.15 mm	10.85 mm	**883-321-18**	**883-321-22**	1 piece	**883-021-00**	10 pieces
26	**22**	0.15 mm	10.95 mm	**883-322-18**	**883-322-22**	1 piece	**883-022-00**	10 pieces
26	**23**	0.15 mm	11.05 mm	**883-323-18**	**883-323-22**	1 piece	**883-023-00**	10 pieces
26	**24**	0.15 mm	11.16 mm	**883-324-18**	**883-324-22**	1 piece	**883-024-00**	10 pieces
26	**25**	0.18 mm	11.26 mm	**883-325-18**	**883-325-22**	1 piece	**883-025-00**	10 pieces
26	**26**	0.18 mm	11.36 mm	**883-326-18**	**883-326-22**	1 piece	**883-026-00**	10 pieces
26	**27**	0.18 mm	11.47 mm	**883-327-18**	**883-327-22**	1 piece	**883-027-00**	10 pieces
26	**28**	0.18 mm	11.57 mm	**883-328-18**	**883-328-22**	1 piece	**883-028-00**	10 pieces
26	**29**	0.18 mm	11.67 mm	**883-329-18**	**883-329-22**	1 piece	**883-029-00**	10 pieces
26	**30**	0.18 mm	11.78 mm	**883-330-18**	**883-330-22**	1 piece	**883-030-00**	10 pieces
26	**31**	0.18 mm	11.88 mm	**883-331-18**	**883-331-22**	1 piece	**883-031-00**	10 pieces
26	**32**	0.18 mm	11.98 mm	**883-332-18**	**883-332-22**	1 piece	**883-032-00**	10 pieces
26	**33**	0.18 mm	12.08 mm	**883-333-18**	**883-333-22**	1 piece	**883-033-00**	10 pieces
26	**34**	0.18 mm	12.19 mm	**883-334-18**	**883-334-22**	1 piece	**883-034-00**	10 pieces
26	**35**	0.18 mm	12.29 mm	**883-335-18**	**883-335-22**	1 piece	**883-035-00**	10 pieces
26	**36**	0.18 mm	12.39 mm	**883-336-18**	**883-336-22**	1 piece	**883-036-00**	10 pieces





[1] welded with buccal tubes 818-131-20 and double hook 750-602-10
[2] welded with buccal tubes 822-131-20 and double hook 750-602-10

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We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower first molar bands, right

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
46	**1**	0.12 mm	8.91 mm	**884-301-18**	**884-301-22**	1 piece	**884-001-00**	10 pieces
46	**2**	0.12 mm	9.03 mm	**884-302-18**	**884-302-22**	1 piece	**884-002-00**	10 pieces
46	**3**	0.12 mm	9.15 mm	**884-303-18**	**884-303-22**	1 piece	**884-003-00**	10 pieces
46	**4**	0.12 mm	9.28 mm	**884-304-18**	**884-304-22**	1 piece	**884-004-00**	10 pieces
46	**5**	0.12 mm	9.40 mm	**884-305-18**	**884-305-22**	1 piece	**884-005-00**	10 pieces
46	**6**	0.12 mm	9.52 mm	**884-306-18**	**884-306-22**	1 piece	**884-006-00**	10 pieces
46	**7**	0.12 mm	9.65 mm	**884-307-18**	**884-307-22**	1 piece	**884-007-00**	10 pieces
46	**8**	0.12 mm	9.77 mm	**884-308-18**	**884-308-22**	1 piece	**884-008-00**	10 pieces
46	**9**	0.15 mm	9.89 mm	**884-309-18**	**884-309-22**	1 piece	**884-009-00**	10 pieces
46	**10**	0.15 mm	10.01 mm	**884-310-18**	**884-310-22**	1 piece	**884-010-00**	10 pieces
46	**11**	0.15 mm	10.14 mm	**884-311-18**	**884-311-22**	1 piece	**884-011-00**	10 pieces
46	**12**	0.15 mm	10.25 mm	**884-312-18**	**884-312-22**	1 piece	**884-012-00**	10 pieces
46	**13**	0.15 mm	10.38 mm	**884-313-18**	**884-313-22**	1 piece	**884-013-00**	10 pieces
46	**14**	0.15 mm	10.50 mm	**884-314-18**	**884-314-22**	1 piece	**884-014-00**	10 pieces
46	**15**	0.15 mm	10.63 mm	**884-315-18**	**884-315-22**	1 piece	**884-015-00**	10 pieces
46	**16**	0.15 mm	10.75 mm	**884-316-18**	**884-316-22**	1 piece	**884-016-00**	10 pieces
46	**17**	0.15 mm	10.87 mm	**884-317-18**	**884-317-22**	1 piece	**884-017-00**	10 pieces
46	**18**	0.15 mm	10.99 mm	**884-318-18**	**884-318-22**	1 piece	**884-018-00**	10 pieces
46	**19**	0.15 mm	11.12 mm	**884-319-18**	**884-319-22**	1 piece	**884-019-00**	10 pieces
46	**20**	0.15 mm	11.24 mm	**884-320-18**	**884-320-22**	1 piece	**884-020-00**	10 pieces
46	**21**	0.15 mm	11.36 mm	**884-321-18**	**884-321-22**	1 piece	**884-021-00**	10 pieces
46	**22**	0.15 mm	11.48 mm	**884-322-18**	**884-322-22**	1 piece	**884-022-00**	10 pieces
46	**23**	0.15 mm	11.61 mm	**884-323-18**	**884-323-22**	1 piece	**884-023-00**	10 pieces
46	**24**	0.15 mm	11.73 mm	**884-324-18**	**884-324-22**	1 piece	**884-024-00**	10 pieces
46	**25**	0.18 mm	11.85 mm	**884-325-18**	**884-325-22**	1 piece	**884-025-00**	10 pieces
46	**26**	0.18 mm	11.97 mm	**884-326-18**	**884-326-22**	1 piece	**884-026-00**	10 pieces
46	**27**	0.18 mm	12.10 mm	**884-327-18**	**884-327-22**	1 piece	**884-027-00**	10 pieces
46	**28**	0.18 mm	12.22 mm	**884-328-18**	**884-328-22**	1 piece	**884-028-00**	10 pieces
46	**29**	0.18 mm	12.34 mm	**884-329-18**	**884-329-22**	1 piece	**884-029-00**	10 pieces
46	**30**	0.18 mm	12.46 mm	**884-330-18**	**884-330-22**	1 piece	**884-030-00**	10 pieces
46	**31**	0.18 mm	12.59 mm	**884-331-18**	**884-331-22**	1 piece	**884-031-00**	10 pieces
46	**32**	0.18 mm	12.71 mm	**884-332-18**	**884-332-22**	1 piece	**884-032-00**	10 pieces
46	**33**	0.18 mm	12.83 mm	**884-333-18**	**884-333-22**	1 piece	**884-033-00**	10 pieces
46	**34**	0.18 mm	12.96 mm	**884-334-18**	**884-334-22**	1 piece	**884-034-00**	10 pieces
46	**35**	0.18 mm	13.08 mm	**884-335-18**	**884-335-22**	1 piece	**884-035-00**	10 pieces
46	**36**	0.18 mm	13.20 mm	**884-336-18**	**884-336-22**	1 piece	**884-036-00**	10 pieces





[1] welded with buccal tubes 818-151-40 and double hook 750-602-10
[2] welded with buccal tubes 822-151-40 and double hook 750-602-10

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We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower first molar bands, left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
36	**1**	0.12 mm	8.91 mm	**885-301-18**	**885-301-22**	1 piece	**885-001-00**	10 pieces
36	**2**	0.12 mm	9.03 mm	**885-302-18**	**885-302-22**	1 piece	**885-002-00**	10 pieces
36	**3**	0.12 mm	9.15 mm	**885-303-18**	**885-303-22**	1 piece	**885-003-00**	10 pieces
36	**4**	0.12 mm	9.28 mm	**885-304-18**	**885-304-22**	1 piece	**885-004-00**	10 pieces
36	**5**	0.12 mm	9.40 mm	**885-305-18**	**885-305-22**	1 piece	**885-005-00**	10 pieces
36	**6**	0.12 mm	9.52 mm	**885-306-18**	**885-306-22**	1 piece	**885-006-00**	10 pieces
36	**7**	0.12 mm	9.65 mm	**885-307-18**	**885-307-22**	1 piece	**885-007-00**	10 pieces
36	**8**	0.12 mm	9.77 mm	**885-308-18**	**885-308-22**	1 piece	**885-008-00**	10 pieces
36	**9**	0.15 mm	9.89 mm	**885-309-18**	**885-309-22**	1 piece	**885-009-00**	10 pieces
36	**10**	0.15 mm	10.01 mm	**885-310-18**	**885-310-22**	1 piece	**885-010-00**	10 pieces
36	**11**	0.15 mm	10.14 mm	**885-311-18**	**885-311-22**	1 piece	**885-011-00**	10 pieces
36	**12**	0.15 mm	10.25 mm	**885-312-18**	**885-312-22**	1 piece	**885-012-00**	10 pieces
36	**13**	0.15 mm	10.38 mm	**885-313-18**	**885-313-22**	1 piece	**885-013-00**	10 pieces
36	**14**	0.15 mm	10.50 mm	**885-314-18**	**885-314-22**	1 piece	**885-014-00**	10 pieces
36	**15**	0.15 mm	10.63 mm	**885-315-18**	**885-315-22**	1 piece	**885-015-00**	10 pieces
36	**16**	0.15 mm	10.75 mm	**885-316-18**	**885-316-22**	1 piece	**885-016-00**	10 pieces
36	**17**	0.15 mm	10.87 mm	**885-317-18**	**885-317-22**	1 piece	**885-017-00**	10 pieces
36	**18**	0.15 mm	10.99 mm	**885-318-18**	**885-318-22**	1 piece	**885-018-00**	10 pieces
36	**19**	0.15 mm	11.12 mm	**885-319-18**	**885-319-22**	1 piece	**885-019-00**	10 pieces
36	**20**	0.15 mm	11.24 mm	**885-320-18**	**885-320-22**	1 piece	**885-020-00**	10 pieces
36	**21**	0.15 mm	11.36 mm	**885-321-18**	**885-321-22**	1 piece	**885-021-00**	10 pieces
36	**22**	0.15 mm	11.48 mm	**885-322-18**	**885-322-22**	1 piece	**885-022-00**	10 pieces
36	**23**	0.15 mm	11.61 mm	**885-323-18**	**885-323-22**	1 piece	**885-023-00**	10 pieces
36	**24**	0.15 mm	11.73 mm	**885-324-18**	**885-324-22**	1 piece	**885-024-00**	10 pieces
36	**25**	0.18 mm	11.85 mm	**885-325-18**	**885-325-22**	1 piece	**885-025-00**	10 pieces
36	**26**	0.18 mm	11.97 mm	**885-326-18**	**885-326-22**	1 piece	**885-026-00**	10 pieces
36	**27**	0.18 mm	12.10 mm	**885-327-18**	**885-327-22**	1 piece	**885-027-00**	10 pieces
36	**28**	0.18 mm	12.22 mm	**885-328-18**	**885-328-22**	1 piece	**885-028-00**	10 pieces
36	**29**	0.18 mm	12.34 mm	**885-329-18**	**885-329-22**	1 piece	**885-029-00**	10 pieces
36	**30**	0.18 mm	12.46 mm	**885-330-18**	**885-330-22**	1 piece	**885-030-00**	10 pieces
36	**31**	0.18 mm	12.59 mm	**885-331-18**	**885-331-22**	1 piece	**885-031-00**	10 pieces
36	**32**	0.18 mm	12.71 mm	**885-332-18**	**885-332-22**	1 piece	**885-032-00**	10 pieces
36	**33**	0.18 mm	12.83 mm	**885-333-18**	**885-333-22**	1 piece	**885-033-00**	10 pieces
36	**34**	0.18 mm	12.96 mm	**885-334-18**	**885-334-22**	1 piece	**885-034-00**	10 pieces
36	**35**	0.18 mm	13.08 mm	**885-335-18**	**885-335-22**	1 piece	**885-035-00**	10 pieces
36	**36**	0.18 mm	13.20 mm	**885-336-18**	**885-336-22**	1 piece	**885-036-00**	10 pieces





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Upper second molar bands, right

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
17	**1**	0.12 mm	8.10 mm				**886-001-00**	10 pieces
17	**2**	0.12 mm	8.22 mm				**886-002-00**	10 pieces
17	**3**	0.12 mm	8.33 mm				**886-003-00**	10 pieces
17	**4**	0.12 mm	8.45 mm				**886-004-00**	10 pieces
17	**5**	0.12 mm	8.56 mm				**886-005-00**	10 pieces
17	**6**	0.12 mm	8.68 mm				**886-006-00**	10 pieces
17	**7**	0.15 mm	8.80 mm				**886-007-00**	10 pieces
17	**8**	0.15 mm	8.91 mm				**886-008-00**	10 pieces
17	**9**	0.15 mm	9.03 mm				**886-009-00**	10 pieces
17	**10**	0.15 mm	9.14 mm				**886-010-00**	10 pieces
17	**11**	0.15 mm	9.26 mm				**886-011-00**	10 pieces
17	**12**	0.15 mm	9.38 mm				**886-012-00**	10 pieces
17	**13**	0.15 mm	9.49 mm				**886-013-00**	10 pieces
17	**14**	0.15 mm	9.61 mm				**886-014-00**	10 pieces
17	**15**	0.15 mm	9.72 mm				**886-015-00**	10 pieces
17	**16**	0.15 mm	9.84 mm				**886-016-00**	10 pieces
17	**17**	0.15 mm	9.96 mm				**886-017-00**	10 pieces
17	**18**	0.15 mm	10.07 mm				**886-018-00**	10 pieces
17	**19**	0.15 mm	10.19 mm				**886-019-00**	10 pieces
17	**20**	0.15 mm	10.30 mm				**886-020-00**	10 pieces
17	**21**	0.15 mm	10.42 mm				**886-021-00**	10 pieces
17	**22**	0.15 mm	10.54 mm				**886-022-00**	10 pieces
17	**23**	0.18 mm	10.65 mm				**886-023-00**	10 pieces
17	**24**	0.18 mm	10.77 mm				**886-024-00**	10 pieces
17	**25**	0.18 mm	10.88 mm				**886-025-00**	10 pieces
17	**26**	0.18 mm	11.00 mm				**886-026-00**	10 pieces
17	**27**	0.18 mm	11.12 mm				**886-027-00**	10 pieces
17	**28**	0.18 mm	11.23 mm				**886-028-00**	10 pieces
17	**29**	0.18 mm	11.35 mm				**886-029-00**	10 pieces
17	**30**	0.18 mm	11.46 mm				**886-030-00**	10 pieces
17	**31**	0.18 mm	11.58 mm				**886-031-00**	10 pieces
17	**32**	0.18 mm	11.70 mm				**886-032-00**	10 pieces

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Upper second molar bands, left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
27	**1**	0.12 mm	8.10 mm				**887-001-00**	10 pieces
27	**2**	0.12 mm	8.22 mm				**887-002-00**	10 pieces
27	**3**	0.12 mm	8.33 mm				**887-003-00**	10 pieces
27	**4**	0.12 mm	8.45 mm				**887-004-00**	10 pieces
27	**5**	0.12 mm	8.56 mm				**887-005-00**	10 pieces
27	**6**	0.12 mm	8.68 mm				**887-006-00**	10 pieces
27	**7**	0.15 mm	8.80 mm				**887-007-00**	10 pieces
27	**8**	0.15 mm	8.91 mm				**887-008-00**	10 pieces
27	**9**	0.15 mm	9.03 mm				**887-009-00**	10 pieces
27	**10**	0.15 mm	9.14 mm				**887-010-00**	10 pieces
27	**11**	0.15 mm	9.26 mm				**887-011-00**	10 pieces
27	**12**	0.15 mm	9.38 mm				**887-012-00**	10 pieces
27	**13**	0.15 mm	9.49 mm				**887-013-00**	10 pieces
27	**14**	0.15 mm	9.61 mm				**887-014-00**	10 pieces
27	**15**	0.15 mm	9.72 mm				**887-015-00**	10 pieces
27	**16**	0.15 mm	9.84 mm				**887-016-00**	10 pieces
27	**17**	0.15 mm	9.96 mm				**887-017-00**	10 pieces
27	**18**	0.15 mm	10.07 mm				**887-018-00**	10 pieces
27	**19**	0.15 mm	10.19 mm				**887-019-00**	10 pieces
27	**20**	0.15 mm	10.30 mm				**887-020-00**	10 pieces
27	**21**	0.15 mm	10.42 mm				**887-021-00**	10 pieces
27	**22**	0.15 mm	10.54 mm				**887-022-00**	10 pieces
27	**23**	0.18 mm	10.65 mm				**887-023-00**	10 pieces
27	**24**	0.18 mm	10.77 mm				**887-024-00**	10 pieces
27	**25**	0.18 mm	10.88 mm				**887-025-00**	10 pieces
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27	**27**	0.18 mm	11.12 mm				**887-027-00**	10 pieces
27	**28**	0.18 mm	11.23 mm				**887-028-00**	10 pieces
27	**29**	0.18 mm	11.35 mm				**887-029-00**	10 pieces
27	**30**	0.18 mm	11.46 mm				**887-030-00**	10 pieces
27	**31**	0.18 mm	11.58 mm				**887-031-00**	10 pieces
27	**32**	0.18 mm	11.70 mm				**887-032-00**	10 pieces

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dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower second molar bands, right

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
47	**1**	0.12 mm	9.88 mm				**888-001-00**	10 pieces
47	**2**	0.12 mm	9.92 mm				**888-002-00**	10 pieces
47	**3**	0.12 mm	10.04 mm				**888-003-00**	10 pieces
47	**4**	0.12 mm	10.17 mm				**888-004-00**	10 pieces
47	**5**	0.12 mm	10.29 mm				**888-005-00**	10 pieces
47	**6**	0.12 mm	10.41 mm				**888-006-00**	10 pieces
47	**7**	0.15 mm	10.53 mm				**888-007-00**	10 pieces
47	**8**	0.15 mm	10.65 mm				**888-008-00**	10 pieces
47	**9**	0.15 mm	10.78 mm				**888-009-00**	10 pieces
47	**10**	0.15 mm	10.90 mm				**888-010-00**	10 pieces
47	**11**	0.15 mm	11.02 mm				**888-011-00**	10 pieces
47	**12**	0.15 mm	11.14 mm				**888-012-00**	10 pieces
47	**13**	0.15 mm	11.26 mm				**888-013-00**	10 pieces
47	**14**	0.15 mm	11.39 mm				**888-014-00**	10 pieces
47	**15**	0.15 mm	11.51 mm				**888-015-00**	10 pieces
47	**16**	0.15 mm	11.63 mm				**888-016-00**	10 pieces
47	**17**	0.15 mm	11.75 mm				**888-017-00**	10 pieces
47	**18**	0.15 mm	11.87 mm				**888-018-00**	10 pieces
47	**19**	0.15 mm	11.99 mm				**888-019-00**	10 pieces
47	**20**	0.15 mm	12.12 mm				**888-020-00**	10 pieces
47	**21**	0.15 mm	12.24 mm				**888-021-00**	10 pieces
47	**22**	0.15 mm	12.36 mm				**888-022-00**	10 pieces
47	**23**	0.18 mm	12.48 mm				**888-023-00**	10 pieces
47	**24**	0.18 mm	12.61 mm				**888-024-00**	10 pieces
47	**25**	0.18 mm	12.73 mm				**888-025-00**	10 pieces
47	**26**	0.18 mm	12.85 mm				**888-026-00**	10 pieces
47	**27**	0.18 mm	12.97 mm				**888-027-00**	10 pieces
47	**28**	0.18 mm	13.09 mm				**888-028-00**	10 pieces
47	**29**	0.18 mm	13.22 mm				**888-029-00**	10 pieces
47	**30**	0.18 mm	13.34 mm				**888-030-00**	10 pieces
47	**31**	0.18 mm	13.46 mm				**888-031-00**	10 pieces
47	**32**	0.18 mm	13.59 mm				**888-032-00**	10 pieces

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dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower second molar bands, left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
37	**1**	0.12 mm	9.88 mm				**889-001-00**	10 pieces
37	**2**	0.12 mm	9.92 mm				**889-002-00**	10 pieces
37	**3**	0.12 mm	10.04 mm				**889-003-00**	10 pieces
37	**4**	0.12 mm	10.17 mm				**889-004-00**	10 pieces
37	**5**	0.12 mm	10.29 mm				**889-005-00**	10 pieces
37	**6**	0.12 mm	10.41 mm				**889-006-00**	10 pieces
37	**7**	0.15 mm	10.53 mm				**889-007-00**	10 pieces
37	**8**	0.15 mm	10.65 mm				**889-008-00**	10 pieces
37	**9**	0.15 mm	10.78 mm				**889-009-00**	10 pieces
37	**10**	0.15 mm	10.90 mm				**889-010-00**	10 pieces
37	**11**	0.15 mm	11.02 mm				**889-011-00**	10 pieces
37	**12**	0.15 mm	11.14 mm				**889-012-00**	10 pieces
37	**13**	0.15 mm	11.26 mm				**889-013-00**	10 pieces
37	**14**	0.15 mm	11.39 mm				**889-014-00**	10 pieces
37	**15**	0.15 mm	11.51 mm				**889-015-00**	10 pieces
37	**16**	0.15 mm	11.63 mm				**889-016-00**	10 pieces
37	**17**	0.15 mm	11.75 mm				**889-017-00**	10 pieces
37	**18**	0.15 mm	11.87 mm				**889-018-00**	10 pieces
37	**19**	0.15 mm	11.99 mm				**889-019-00**	10 pieces
37	**20**	0.15 mm	12.12 mm				**889-020-00**	10 pieces
37	**21**	0.15 mm	12.24 mm				**889-021-00**	10 pieces
37	**22**	0.15 mm	12.36 mm				**889-022-00**	10 pieces
37	**23**	0.18 mm	12.48 mm				**889-023-00**	10 pieces
37	**24**	0.18 mm	12.61 mm				**889-024-00**	10 pieces
37	**25**	0.18 mm	12.73 mm				**889-025-00**	10 pieces
37	**26**	0.18 mm	12.85 mm				**889-026-00**	10 pieces
37	**27**	0.18 mm	12.97 mm				**889-027-00**	10 pieces
37	**28**	0.18 mm	13.09 mm				**889-028-00**	10 pieces
37	**29**	0.18 mm	13.22 mm				**889-029-00**	10 pieces
37	**30**	0.18 mm	13.34 mm				**889-030-00**	10 pieces
37	**31**	0.18 mm	13.46 mm				**889-031-00**	10 pieces
37	**32**	0.18 mm	13.59 mm				**889-032-00**	10 pieces



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Standard bands / Assortments

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without double hook) ideal for the Herbst technique (welding service for double bands available free of charge on request)
- secure fit and optimal adhesion due to rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first and second bicuspid bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1)]	REF (Roth 22)[2)]	REF	
15-14 / 24-25	**No. 1-32** (2)	860-064-18	860-064-22	864-064-00	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1)]	REF (Roth 22)[2)]	REF	
15-14 / 24-25	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)	860-150-18	860-150-22	864-150-00	150 pieces

Maxi

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
15-14 / 24-25	**No. 1-4, 28-32** (4), **5-10, 21-27** (8), **11-12, 19-20** (12), **13, 18** (16), **14-17** (20)			864-300-00	300 pieces

[1)] welded with equilibrium® 2 bracket 790-206-02 and double hook 750-602-10
[2)] welded with equilibrium® 2 bracket 790-218-02 and double hook 750-602-10

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Lower first bicuspid bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1)]	REF (Roth 22)[2)]	REF	
44 / 34	**No. 1-32** (2)	861-064-18	861-064-22		64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1)]	REF (Roth 22)[2)]	REF	
44 / 34	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)	861-150-18	861-150-22		150 pieces

[1)] welded with equilibrium® 2 bracket 790-210-02 and double hook 750-602-10
[2)] welded with equilibrium® 2 bracket 790-222-02 and double hook 750-602-10

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Standard bands / Assortments

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without double hook) ideal for the Herbst technique (welding service for double bands available free of charge on request)
- secure fit and optimal adhesion due to rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower second bicuspid bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1)]	REF (Roth 22)[2)]	REF	
45 / 35	**No. 1-32** (2)	**862-064-18**	**862-064-22**		64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)[1)]	REF (Roth 22)[2)]	REF	
45 / 35	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)	**862-150-18**	**862-150-22**		150 pieces

[1)] welded with equilibrium® 2 bracket 790-211-02 and double hook 750-602-10
[2)] welded with equilibrium® 2 bracket 790-223-02 and double hook 750-602-10

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Lower first and second bicuspid bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
45-44 / 34-35	**No. 1-32** (2)			**865-064-00**	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
45-44 / 34-35	**No. 1-4, 28-32** (2), **5-10, 21-27** (4), **11-12, 19-20** (6), **13, 18** (8), **14-17** (10)			**865-150-00**	150 pieces

Maxi

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
45-44 / 34-35	**No. 1-4, 28-32** (4), **5-10, 21-27** (8), **11-12, 19-20** (12), **13, 18** (16), **14-17** (20)			**865-300-00**	300 pieces

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Standard bands / Assortments

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We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first and second molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
17-16 / 26-27	**No. 1-32** (2)			**872-064-00**	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
17-16 / 26-27	**No. 1-8, 30-32** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)			**872-150-00**	150 pieces

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Lower first and second molar bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
47-46 / 36-37	**No. 1-32** (2)			**873-064-00**	64 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
47-46 / 36-37	**No. 1-8, 30-32** (2), **9-18** (4), **19-20** (6), **21-25, 28-29** (8), **26-27** (10)			**873-150-00**	150 pieces

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Standard bands / Assortments

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- unwelded bands (with or without double hook) ideal for the Herbst technique (welding service for double bands available free of charge on request)
- secure fit and optimal adhesion due to rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper cuspid bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
13 / 23	**No. 1-20** (2)			**855-050-00**	50 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
13 / 23	**No. 1-5; 19-20** (4), **6-8; 8.5; 9.5; 10.5; 11.5; 12.5; 16-18** (6), **9; 10; 11; 12; 13-15** (8)			**855-150-00**	150 pieces

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Lower cuspid bands

Mini

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
43 / 33	**No. 1-16** (2)			**857-042-00**	42 pieces

Medium

Tooth	**Band sizes** (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)	REF	
43 / 33	**No. 1-2; 5.5; 6.5; 15-16** (4), **7.5; 8.5; 9.5** (6), **3-5; 12-14** (8), **6; 7; 8; 9; 10-11** (10)			**857-150-00**	150 pieces

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Standard bands / Single packs

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We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first and second bicuspid bands, right and left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
15-14 / 24-25	**1**	0.12 mm	5.52 mm	**860-101-18**	**860-101-22**	1 piece	**860-101-00**	10 pieces
15-14 / 24-25	**2**	0.12 mm	5.57 mm	**860-102-18**	**860-102-22**	1 piece	**860-102-00**	10 pieces
15-14 / 24-25	**3**	0.12 mm	5.62 mm	**860-103-18**	**860-103-22**	1 piece	**860-103-00**	10 pieces
15-14 / 24-25	**4**	0.12 mm	5.67 mm	**860-104-18**	**860-104-22**	1 piece	**860-104-00**	10 pieces
15-14 / 24-25	**5**	0.12 mm	5.75 mm	**860-105-18**	**860-105-22**	1 piece	**860-105-00**	10 pieces
15-14 / 24-25	**6**	0.12 mm	5.82 mm	**860-106-18**	**860-106-22**	1 piece	**860-106-00**	10 pieces
15-14 / 24-25	**7**	0.12 mm	5.89 mm	**860-107-18**	**860-107-22**	1 piece	**860-107-00**	10 pieces
15-14 / 24-25	**8**	0.12 mm	5.94 mm	**860-108-18**	**860-108-22**	1 piece	**860-108-00**	10 pieces
15-14 / 24-25	**9**	0.12 mm	6.01 mm	**860-109-18**	**860-109-22**	1 piece	**860-109-00**	10 pieces
15-14 / 24-25	**10**	0.12 mm	6.08 mm	**860-110-18**	**860-110-22**	1 piece	**860-110-00**	10 pieces
15-14 / 24-25	**11**	0.12 mm	6.13 mm	**860-111-18**	**860-111-22**	1 piece	**860-111-00**	10 pieces
15-14 / 24-25	**12**	0.12 mm	6.20 mm	**860-112-18**	**860-112-22**	1 piece	**860-112-00**	10 pieces
15-14 / 24-25	**13**	0.12 mm	6.24 mm	**860-113-18**	**860-113-22**	1 piece	**860-113-00**	10 pieces
15-14 / 24-25	**14**	0.12 mm	6.30 mm	**860-114-18**	**860-114-22**	1 piece	**860-114-00**	10 pieces
15-14 / 24-25	**15**	0.12 mm	6.34 mm	**860-115-18**	**860-115-22**	1 piece	**860-115-00**	10 pieces
15-14 / 24-25	**16**	0.12 mm	6.42 mm	**860-116-18**	**860-116-22**	1 piece	**860-116-00**	10 pieces
15-14 / 24-25	**17**	0.12 mm	6.48 mm	**860-117-18**	**860-117-22**	1 piece	**860-117-00**	10 pieces
15-14 / 24-25	**18**	0.12 mm	6.56 mm	**860-118-18**	**860-118-22**	1 piece	**860-118-00**	10 pieces
15-14 / 24-25	**19**	0.12 mm	6.64 mm	**860-119-18**	**860-119-22**	1 piece	**860-119-00**	10 pieces
15-14 / 24-25	**20**	0.12 mm	6.71 mm	**860-120-18**	**860-120-22**	1 piece	**860-120-00**	10 pieces
15-14 / 24-25	**21**	0.12 mm	6.80 mm	**860-121-18**	**860-121-22**	1 piece	**860-121-00**	10 pieces
15-14 / 24-25	**22**	0.12 mm	6.90 mm	**860-122-18**	**860-122-22**	1 piece	**860-122-00**	10 pieces
15-14 / 24-25	**23**	0.12 mm	7.00 mm	**860-123-18**	**860-123-22**	1 piece	**860-123-00**	10 pieces
15-14 / 24-25	**24**	0.12 mm	7.11 mm	**860-124-18**	**860-124-22**	1 piece	**860-124-00**	10 pieces
15-14 / 24-25	**25**	0.12 mm	7.18 mm	**860-125-18**	**860-125-22**	1 piece	**860-125-00**	10 pieces
15-14 / 24-25	**26**	0.12 mm	7.26 mm	**860-126-18**	**860-126-22**	1 piece	**860-126-00**	10 pieces
15-14 / 24-25	**27**	0.12 mm	7.35 mm	**860-127-18**	**860-127-22**	1 piece	**860-127-00**	10 pieces
15-14 / 24-25	**28**	0.12 mm	7.43 mm	**860-128-18**	**860-128-22**	1 piece	**860-128-00**	10 pieces
15-14 / 24-25	**29**	0.12 mm	7.51 mm	**860-129-18**	**860-129-22**	1 piece	**860-129-00**	10 pieces
15-14 / 24-25	**30**	0.12 mm	7.61 mm	**860-130-18**	**860-130-22**	1 piece	**860-130-00**	10 pieces
15-14 / 24-25	**31**	0.12 mm	7.71 mm	**860-131-18**	**860-131-22**	1 piece	**860-131-00**	10 pieces
15-14 / 24-25	**32**	0.12 mm	7.80 mm	**860-132-18**	**860-132-22**	1 piece	**860-132-00**	10 pieces

[1] welded with equilibrium® 2 bracket 790-206-02 and double hook 750-602-10
[2] welded with equilibrium® 2 bracket 790-218-02 and double hook 750-602-10





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Standard bands / Single packs

- universally applicable for right and left halves of the jaw
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We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower first bicuspid bands, right and left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
44 / 34	**1**	0.12 mm	6.34 mm	**861-101-18**	**861-101-22**	1 piece	**861-101-00**	10 pieces
44 / 34	**2**	0.12 mm	6.45 mm	**861-102-18**	**861-102-22**	1 piece	**861-102-00**	10 pieces
44 / 34	**3**	0.12 mm	6.56 mm	**861-103-18**	**861-103-22**	1 piece	**861-103-00**	10 pieces
44 / 34	**4**	0.12 mm	6.68 mm	**861-104-18**	**861-104-22**	1 piece	**861-104-00**	10 pieces
44 / 34	**5**	0.12 mm	6.80 mm	**861-105-18**	**861-105-22**	1 piece	**861-105-00**	10 pieces
44 / 34	**6**	0.12 mm	6.90 mm	**861-106-18**	**861-106-22**	1 piece	**861-106-00**	10 pieces
44 / 34	**7**	0.12 mm	7.02 mm	**861-107-18**	**861-107-22**	1 piece	**861-107-00**	10 pieces
44 / 34	**8**	0.12 mm	7.13 mm	**861-108-18**	**861-108-22**	1 piece	**861-108-00**	10 pieces
44 / 34	**9**	0.12 mm	7.25 mm	**861-109-18**	**861-109-22**	1 piece	**861-109-00**	10 pieces
44 / 34	**10**	0.12 mm	7.37 mm	**861-110-18**	**861-110-22**	1 piece	**861-110-00**	10 pieces
44 / 34	**11**	0.12 mm	7.50 mm	**861-111-18**	**861-111-22**	1 piece	**861-111-00**	10 pieces
44 / 34	**12**	0.12 mm	7.63 mm	**861-112-18**	**861-112-22**	1 piece	**861-112-00**	10 pieces
44 / 34	**13**	0.12 mm	7.75 mm	**861-113-18**	**861-113-22**	1 piece	**861-113-00**	10 pieces
44 / 34	**14**	0.12 mm	7.88 mm	**861-114-18**	**861-114-22**	1 piece	**861-114-00**	10 pieces
44 / 34	**15**	0.12 mm	8.05 mm	**861-115-18**	**861-115-22**	1 piece	**861-115-00**	10 pieces
44 / 34	**16**	0.12 mm	8.13 mm	**861-116-18**	**861-116-22**	1 piece	**861-116-00**	10 pieces
44 / 34	**17**	0.12 mm	8.26 mm	**861-117-18**	**861-117-22**	1 piece	**861-117-00**	10 pieces
44 / 34	**18**	0.12 mm	8.40 mm	**861-118-18**	**861-118-22**	1 piece	**861-118-00**	10 pieces
44 / 34	**19**	0.12 mm	8.53 mm	**861-119-18**	**861-119-22**	1 piece	**861-119-00**	10 pieces
44 / 34	**20**	0.12 mm	8.70 mm	**861-120-18**	**861-120-22**	1 piece	**861-120-00**	10 pieces
44 / 34	**21**	0.12 mm	8.84 mm	**861-121-18**	**861-121-22**	1 piece	**861-121-00**	10 pieces
44 / 34	**22**	0.12 mm	9.02 mm	**861-122-18**	**861-122-22**	1 piece	**861-122-00**	10 pieces
44 / 34	**23**	0.12 mm	9.17 mm	**861-123-18**	**861-123-22**	1 piece	**861-123-00**	10 pieces
44 / 34	**24**	0.12 mm	9.28 mm	**861-124-18**	**861-124-22**	1 piece	**861-124-00**	10 pieces
44 / 34	**25**	0.12 mm	9.38 mm	**861-125-18**	**861-125-22**	1 piece	**861-125-00**	10 pieces
44 / 34	**26**	0.12 mm	9.48 mm	**861-126-18**	**861-126-22**	1 piece	**861-126-00**	10 pieces
44 / 34	**27**	0.12 mm	9.59 mm	**861-127-18**	**861-127-22**	1 piece	**861-127-00**	10 pieces
44 / 34	**28**	0.12 mm	9.70 mm	**861-128-18**	**861-128-22**	1 piece	**861-128-00**	10 pieces
44 / 34	**29**	0.12 mm	9.82 mm	**861-129-18**	**861-129-22**	1 piece	**861-129-00**	10 pieces
44 / 34	**30**	0.12 mm	9.96 mm	**861-130-18**	**861-130-22**	1 piece	**861-130-00**	10 pieces
44 / 34	**31**	0.12 mm	10.11 mm	**861-131-18**	**861-131-22**	1 piece	**861-131-00**	10 pieces
44 / 34	**32**	0.12 mm	10.28 mm	**861-132-18**	**861-132-22**	1 piece	**861-132-00**	10 pieces

[1] welded with equilibrium® 2 bracket 790-210-02 and double hook 750-602-10
[2] welded with equilibrium® 2 bracket 790-222-02 and double hook 750-602-10





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Standard bands / Single packs

- universally applicable for right and left halves of the jaw
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- secure fit and optimal adhesion due to rough interior surface
- individual welding, e.g. acc. to McLaughlin-Bennett-Trevisi* 18/22, is possible on request

We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Lower second bicuspid bands, right and left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)[1]	REF (Roth 22)[2]		REF	
45 / 35	**1**	0.12 mm	6.34 mm	**862-101-18**	**862-101-22**	1 piece	**861-101-00**	10 pieces
45 / 35	**2**	0.12 mm	6.45 mm	**862-102-18**	**862-102-22**	1 piece	**861-102-00**	10 pieces
45 / 35	**3**	0.12 mm	6.56 mm	**862-103-18**	**862-103-22**	1 piece	**861-103-00**	10 pieces
45 / 35	**4**	0.12 mm	6.68 mm	**862-104-18**	**862-104-22**	1 piece	**861-104-00**	10 pieces
45 / 35	**5**	0.12 mm	6.80 mm	**862-105-18**	**862-105-22**	1 piece	**861-105-00**	10 pieces
45 / 35	**6**	0.12 mm	6.90 mm	**862-106-18**	**862-106-22**	1 piece	**861-106-00**	10 pieces
45 / 35	**7**	0.12 mm	7.02 mm	**862-107-18**	**862-107-22**	1 piece	**861-107-00**	10 pieces
45 / 35	**8**	0.12 mm	7.13 mm	**862-108-18**	**862-108-22**	1 piece	**861-108-00**	10 pieces
45 / 35	**9**	0.12 mm	7.25 mm	**862-109-18**	**862-109-22**	1 piece	**861-109-00**	10 pieces
45 / 35	**10**	0.12 mm	7.37 mm	**862-110-18**	**862-110-22**	1 piece	**861-110-00**	10 pieces
45 / 35	**11**	0.12 mm	7.50 mm	**862-111-18**	**862-111-22**	1 piece	**861-111-00**	10 pieces
45 / 35	**12**	0.12 mm	7.63 mm	**862-112-18**	**862-112-22**	1 piece	**861-112-00**	10 pieces
45 / 35	**13**	0.12 mm	7.75 mm	**862-113-18**	**862-113-22**	1 piece	**861-113-00**	10 pieces
45 / 35	**14**	0.12 mm	7.88 mm	**862-114-18**	**862-114-22**	1 piece	**861-114-00**	10 pieces
45 / 35	**15**	0.12 mm	8.05 mm	**862-115-18**	**862-115-22**	1 piece	**861-115-00**	10 pieces
45 / 35	**16**	0.12 mm	8.13 mm	**862-116-18**	**862-116-22**	1 piece	**861-116-00**	10 pieces
45 / 35	**17**	0.12 mm	8.26 mm	**862-117-18**	**862-117-22**	1 piece	**861-117-00**	10 pieces
45 / 35	**18**	0.12 mm	8.40 mm	**862-118-18**	**862-118-22**	1 piece	**861-118-00**	10 pieces
45 / 35	**19**	0.12 mm	8.53 mm	**862-119-18**	**862-119-22**	1 piece	**861-119-00**	10 pieces
45 / 35	**20**	0.12 mm	8.70 mm	**862-120-18**	**862-120-22**	1 piece	**861-120-00**	10 pieces
45 / 35	**21**	0.12 mm	8.84 mm	**862-121-18**	**862-121-22**	1 piece	**861-121-00**	10 pieces
45 / 35	**22**	0.12 mm	9.02 mm	**862-122-18**	**862-122-22**	1 piece	**861-122-00**	10 pieces
45 / 35	**23**	0.12 mm	9.17 mm	**862-123-18**	**862-123-22**	1 piece	**861-123-00**	10 pieces
45 / 35	**24**	0.12 mm	9.28 mm	**862-124-18**	**862-124-22**	1 piece	**861-124-00**	10 pieces
45 / 35	**25**	0.12 mm	9.38 mm	**862-125-18**	**862-125-22**	1 piece	**861-125-00**	10 pieces
45 / 35	**26**	0.12 mm	9.48 mm	**862-126-18**	**862-126-22**	1 piece	**861-126-00**	10 pieces
45 / 35	**27**	0.12 mm	9.59 mm	**862-127-18**	**862-127-22**	1 piece	**861-127-00**	10 pieces
45 / 35	**28**	0.12 mm	9.70 mm	**862-128-18**	**862-128-22**	1 piece	**861-128-00**	10 pieces
45 / 35	**29**	0.12 mm	9.82 mm	**862-129-18**	**862-129-22**	1 piece	**861-129-00**	10 pieces
45 / 35	**30**	0.12 mm	9.96 mm	**862-130-18**	**862-130-22**	1 piece	**861-130-00**	10 pieces
45 / 35	**31**	0.12 mm	10.11 mm	**862-131-18**	**862-131-22**	1 piece	**861-131-00**	10 pieces
45 / 35	**32**	0.12 mm	10.28 mm	**862-132-18**	**862-132-22**	1 piece	**861-132-00**	10 pieces

[1] welded with equilibrium® 2 bracket 790-211-02 and double hook 750-602-10
[2] welded with equilibrium® 2 bracket 790-223-02 and double hook 750-602-10





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Standard bands / Single packs

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We recommend our dental vernier (REF 042-751-00) for determining the largest mesio-distal diameter of the tooth crown.

Upper first and second molar bands, right and left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
17-16 / 26-27	**1**	0.15 mm	7.94 mm				**870-001-00**	10 pieces
17-16 / 26-27	**2**	0.15 mm	8.06 mm				**870-002-00**	10 pieces
17-16 / 26-27	**3**	0.15 mm	8.18 mm				**870-003-00**	10 pieces
17-16 / 26-27	**4**	0.15 mm	8.30 mm				**870-004-00**	10 pieces
17-16 / 26-27	**5**	0.15 mm	8.42 mm				**870-005-00**	10 pieces
17-16 / 26-27	**6**	0.15 mm	8.54 mm				**870-006-00**	10 pieces
17-16 / 26-27	**7**	0.15 mm	8.66 mm				**870-007-00**	10 pieces
17-16 / 26-27	**8**	0.15 mm	8.78 mm				**870-008-00**	10 pieces
17-16 / 26-27	**9**	0.15 mm	8.90 mm				**870-009-00**	10 pieces
17-16 / 26-27	**10**	0.15 mm	9.02 mm				**870-010-00**	10 pieces
17-16 / 26-27	**11**	0.15 mm	9.14 mm				**870-011-00**	10 pieces
17-16 / 26-27	**12**	0.15 mm	9.26 mm				**870-012-00**	10 pieces
17-16 / 26-27	**13**	0.15 mm	9.38 mm				**870-013-00**	10 pieces
17-16 / 26-27	**14**	0.15 mm	9.50 mm				**870-014-00**	10 pieces
17-16 / 26-27	**15**	0.15 mm	9.62 mm				**870-015-00**	10 pieces
17-16 / 26-27	**16**	0.15 mm	9.74 mm				**870-016-00**	10 pieces
17-16 / 26-27	**17**	0.15 mm	9.86 mm				**870-017-00**	10 pieces
17-16 / 26-27	**18**	0.15 mm	9.98 mm				**870-018-00**	10 pieces
17-16 / 26-27	**19**	0.15 mm	10.10 mm				**870-019-00**	10 pieces
17-16 / 26-27	**20**	0.15 mm	10.22 mm				**870-020-00**	10 pieces
17-16 / 26-27	**21**	0.15 mm	10.34 mm				**870-021-00**	10 pieces
17-16 / 26-27	**22**	0.15 mm	10.46 mm				**870-022-00**	10 pieces
17-16 / 26-27	**23**	0.15 mm	10.58 mm				**870-023-00**	10 pieces
17-16 / 26-27	**24**	0.15 mm	10.70 mm				**870-024-00**	10 pieces
17-16 / 26-27	**25**	0.15 mm	10.82 mm				**870-025-00**	10 pieces
17-16 / 26-27	**26**	0.15 mm	10.94 mm				**870-026-00**	10 pieces
17-16 / 26-27	**27**	0.15 mm	11.06 mm				**870-027-00**	10 pieces
17-16 / 26-27	**28**	0.15 mm	11.18 mm				**870-028-00**	10 pieces
17-16 / 26-27	**29**	0.15 mm	11.30 mm				**870-029-00**	10 pieces
17-16 / 26-27	**30**	0.15 mm	11.42 mm				**870-030-00**	10 pieces
17-16 / 26-27	**31**	0.15 mm	11.54 mm				**870-031-00**	10 pieces
17-16 / 26-27	**32**	0.15 mm	11.66 mm				**870-032-00**	10 pieces



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Standard bands / Single packs

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Lower first and second molar bands, right and left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
47-46 / 36-37	**1**	0.15 mm	8.94 mm				**871-001-00**	10 pieces
47-46 / 36-37	**2**	0.15 mm	9.06 mm				**871-002-00**	10 pieces
47-46 / 36-37	**3**	0.15 mm	9.18 mm				**871-003-00**	10 pieces
47-46 / 36-37	**4**	0.15 mm	9.30 mm				**871-004-00**	10 pieces
47-46 / 36-37	**5**	0.15 mm	9.42 mm				**871-005-00**	10 pieces
47-46 / 36-37	**6**	0.15 mm	9.54 mm				**871-006-00**	10 pieces
47-46 / 36-37	**7**	0.15 mm	9.56 mm				**871-007-00**	10 pieces
47-46 / 36-37	**8**	0.15 mm	9.78 mm				**871-008-00**	10 pieces
47-46 / 36-37	**9**	0.15 mm	9.90 mm				**871-009-00**	10 pieces
47-46 / 36-37	**10**	0.15 mm	10.02 mm				**871-010-00**	10 pieces
47-46 / 36-37	**11**	0.15 mm	10.14 mm				**871-011-00**	10 pieces
47-46 / 36-37	**12**	0.15 mm	10.25 mm				**871-012-00**	10 pieces
47-46 / 36-37	**13**	0.15 mm	10.38 mm				**871-013-00**	10 pieces
47-46 / 36-37	**14**	0.15 mm	10.50 mm				**871-014-00**	10 pieces
47-46 / 36-37	**15**	0.15 mm	10.62 mm				**871-015-00**	10 pieces
47-46 / 36-37	**16**	0.15 mm	10.74 mm				**871-016-00**	10 pieces
47-46 / 36-37	**17**	0.15 mm	10.86 mm				**871-017-00**	10 pieces
47-46 / 36-37	**18**	0.15 mm	10.98 mm				**871-018-00**	10 pieces
47-46 / 36-37	**19**	0.15 mm	11.10 mm				**871-019-00**	10 pieces
47-46 / 36-37	**20**	0.15 mm	11.22 mm				**871-020-00**	10 pieces
47-46 / 36-37	**21**	0.15 mm	11.34 mm				**871-021-00**	10 pieces
47-46 / 36-37	**22**	0.15 mm	11.46 mm				**871-022-00**	10 pieces
47-46 / 36-37	**23**	0.15 mm	11.58 mm				**871-023-00**	10 pieces
47-46 / 36-37	**24**	0.15 mm	11.70 mm				**871-024-00**	10 pieces
47-46 / 36-37	**25**	0.15 mm	11.82 mm				**871-025-00**	10 pieces
47-46 / 36-37	**26**	0.15 mm	11.94 mm				**871-026-00**	10 pieces
47-46 / 36-37	**27**	0.15 mm	12.06 mm				**871-027-00**	10 pieces
47-46 / 36-37	**28**	0.15 mm	12.18 mm				**871-028-00**	10 pieces
47-46 / 36-37	**29**	0.15 mm	12.30 mm				**871-029-00**	10 pieces
47-46 / 36-37	**30**	0.15 mm	12.42 mm				**871-030-00**	10 pieces
47-46 / 36-37	**31**	0.15 mm	12.54 mm				**871-031-00**	10 pieces
47-46 / 36-37	**32**	0.15 mm	12.66 mm				**871-032-00**	10 pieces

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Upper cuspid bands, right and left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
13 / 23	**1**	0.12 mm	7.10 mm				**850-101-00**	10 pieces
13 / 23	**2**	0.12 mm	7.20 mm				**850-102-00**	10 pieces
13 / 23	**3**	0.12 mm	7.30 mm				**850-103-00**	10 pieces
13 / 23	**4**	0.12 mm	7.50 mm				**850-104-00**	10 pieces
13 / 23	**5**	0.12 mm	7.60 mm				**850-105-00**	10 pieces
13 / 23	**6**	0.12 mm	7.80 mm				**850-106-00**	10 pieces
13 / 23	**7**	0.12 mm	7.90 mm				**850-107-00**	10 pieces
13 / 23	**8**	0.12 mm	8.00 mm				**850-108-00**	10 pieces
13 / 23	**8.5**	0.12 mm	8.10 mm				**850-121-00**	10 pieces
13 / 23	**9**	0.12 mm	8.20 mm				**850-109-00**	10 pieces
13 / 23	**9.5**	0.12 mm	8.30 mm				**850-122-00**	10 pieces
13 / 23	**10**	0.12 mm	8.40 mm				**850-110-00**	10 pieces
13 / 23	**10.5**	0.12 mm	8.50 mm				**850-123-00**	10 pieces
13 / 23	**11**	0.12 mm	8.60 mm				**850-111-00**	10 pieces
13 / 23	**11.5**	0.12 mm	8.70 mm				**850-124-00**	10 pieces
13 / 23	**12**	0.12 mm	8.80 mm				**850-112-00**	10 pieces
13 / 23	**12.5**	0.12 mm	8.90 mm				**850-125-00**	10 pieces
13 / 23	**13**	0.12 mm	9.10 mm				**850-113-00**	10 pieces
13 / 23	**14**	0.12 mm	9.20 mm				**850-114-00**	10 pieces
13 / 23	**15**	0.12 mm	9.40 mm				**850-115-00**	10 pieces
13 / 23	**16**	0.12 mm	9.50 mm				**850-116-00**	10 pieces
13 / 23	**17**	0.12 mm	9.80 mm				**850-117-00**	10 pieces
13 / 23	**18**	0.12 mm	9.90 mm				**850-118-00**	10 pieces
13 / 23	**19**	0.12 mm	10.00 mm				**850-119-00**	10 pieces
13 / 23	**20**	0.12 mm	10.10 mm				**850-120-00**	10 pieces

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Lower cuspid bands, right and left

Tooth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)		REF	
43 / 33	**1**	0.12 mm	6.20 mm				**851-101-00**	10 pieces
43 / 33	**2**	0.12 mm	6.30 mm				**851-102-00**	10 pieces
43 / 33	**3**	0.12 mm	6.50 mm				**851-103-00**	10 pieces
43 / 33	**4**	0.12 mm	6.60 mm				**851-104-00**	10 pieces
43 / 33	**5**	0.12 mm	6.80 mm				**851-105-00**	10 pieces
43 / 33	**5.5**	0.12 mm	6.90 mm				**851-117-00**	10 pieces
43 / 33	**6**	0.12 mm	7.00 mm				**851-106-00**	10 pieces
43 / 33	**6.5**	0.12 mm	7.10 mm				**851-118-00**	10 pieces
43 / 33	**7**	0.12 mm	7.20 mm				**851-107-00**	10 pieces
43 / 33	**7.5**	0.12 mm	7.30 mm				**851-119-00**	10 pieces
43 / 33	**8**	0.12 mm	7.40 mm				**851-108-00**	10 pieces
43 / 33	**8.5**	0.12 mm	7.50 mm				**851-120-00**	10 pieces
43 / 33	**9**	0.12 mm	7.60 mm				**851-109-00**	10 pieces
43 / 33	**9.5**	0.12 mm	7.80 mm				**851-121-00**	10 pieces
43 / 33	**10**	0.12 mm	7.90 mm				**851-110-00**	10 pieces
43 / 33	**11**	0.12 mm	8.00 mm				**851-111-00**	10 pieces
43 / 33	**12**	0.12 mm	8.20 mm				**851-112-00**	10 pieces
43 / 33	**13**	0.12 mm	8.30 mm				**851-113-00**	10 pieces
43 / 33	**14**	0.12 mm	8.40 mm				**851-114-00**	10 pieces
43 / 33	**15**	0.12 mm	8.60 mm				**851-115-00**	10 pieces
43 / 33	**16**	0.12 mm	8.70 mm				**851-116-00**	10 pieces

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Accessories



Band material

on roll

Soft, upper side highly polished, underside mat.

Thickness x width	Length	REF	Quantity
0.10 mm x 3.80 mm / 4 x 150	10 m	**812-038-00**	1 piece
0.12 mm x 4.55 mm / 5 x 180	10 m	**813-045-00**	1 piece
0.15 mm x 4.55 mm / 6 x 180	10 m	**814-045-00**	1 piece



Matrix band

on roll

Material No.: 1.4310

spring-hard

Thickness x width	Length	REF	Quantity
0.05 mm x 5.00 mm	1 m	**831-601-00**	1 piece
0.05 mm x 5.00 mm	10 m	**831-701-00**	1 piece
0.05 mm x 6.00 mm	1 m	**831-606-00**	1 piece
0.05 mm x 7.00 mm	1 m	**831-603-00**	1 piece
0.05 mm x 7.00 mm	10 m	**831-703-00**	1 piece

Band cabinet

Standard model plastic

For storing preformed bands, 10 trays (without contents or vacuum-formed inserts).



Dimensions (H x W x D)	REF	Quantity
31 cm x 27.5 cm x 25 cm	**890-414-00**	1 piece

Trays with lids and inserts

For band cabinet (REF 890-414-00).



Marking	REF	Quantity
Standard upper cuspid bands	**890-420-00**	1 piece
Standard lower cuspid bands	**890-421-00**	1 piece
Standard upper bicuspid bands	**890-422-00**	1 piece
Standard lower bicuspid bands	**890-423-00**	1 piece
Standard upper molar bands	**890-424-00**	1 piece
Standard lower molar bands	**890-425-00**	1 piece
dentaform® upper first molar bands, right	**890-426-00**	1 piece
dentaform® upper first molar bands, left	**890-427-00**	1 piece
dentaform® upper second molar bands, right	**890-428-00**	1 piece
dentaform® upper second molar bands, left	**890-429-00**	1 piece
dentaform® lower first molar bands, right	**890-430-00**	1 piece
dentaform® lower first molar bands, left	**890-431-00**	1 piece
dentaform® lower second molar bands, right	**890-432-00**	1 piece
dentaform® lower second molar bands, left	**890-433-00**	1 piece
Direct bonding technique	**890-412-00**	1 piece
Drawer with plain insert	**890-406-00**	1 piece

Accessories



Stopper
For band cabinet (REF 890-414-00).

REF 890-414-10	1 piece



Head-end framework
For customized assembly of the band cabinet (REF 890-414-00).
Without stopper (REF 890-414-10).

REF 890-402-00	1 piece



Extension framework
For expanding the capacity of the band cabinet individually (REF 890-414-00).
Incl. stopper (REF 890-414-10).

REF 890-407-00	1 piece



Base plate
For customized assembly of the band cabinet (REF 890-414-00).
Without stopper (REF 890-414-10).

REF 890-403-00	1 piece

Adhesives and accessories Page 178

Adhesives.

For perfect bonding results.



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Our adhesives for your dental practice.

The range of adhesives from Dentaurum gives users a wide selection for all bonding tasks in the orthodontic practice.

The light-curing adhesives CONTEC lc and CONTEC lcr have been especially designed for bonding fixed orthodontic appliances – CONTEC lc is for bonding metal, ceramic and plastic brackets and buccal tubes, CONTEC lcr is for bonding orthodontic retainers using adhesive. Both adhesives have a very high bond strength. An alternative to the light-curing adhesive CONTEC lc is the chemically-curing bracket adhesive CONTEC go. CONTEC lc contains no BisGMA (bisphenol A glycerolate dimethacrylate), TEGDMA (triethylene glycol dimethacrylate) or HEMA (hydroxyethyl methacrylate). CONTEC lcr and CONTEC go are free of TEGDMA and HEMA. The adhesives are therefore also suitable for patients with an allergy to methacrylates.

CONTEC

Best compatibility, no TEGDMA or HEMA.





Adhesives – areas of application.

	CONTEC lc	CONTEC lcr	CONTEC go
discovery® sl	+++	+	+++
discovery® sl 2.0	+++	+	+++
discovery®	+++	+	+++
discovery® smart	+++	+	+++
discovery® pearl	+++	+	+++
discovery® delight	+++	++	+
topic	+++	+	+++
equilibrium® 2 / ti	+++	+	+++
equilibrium® mini	+++	+	+++
Retainer	++	+++	—
Buccal tubes	++	+	++

+++ highly suitable
++ very suitable
+ suitable with restrictions
— not suitable

Adhesives and accessories



CONTEC lc set

REF 163-110-00	1 set

Light-curing.
For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.
For approx. 800 brackets (40 treatment cases).
A plastic primer must be used to bond plastic brackets.
Content:
- 3 x CONTEC lc bracket adhesive, each 3 g (REF 163-111-00)
- 1 x CONTEC lc / lcr primer, 5 ml (REF 163-113-10)
- 2 x CONTEC etching gel, each 2.5 ml (REF 163-115-00)
- 6 x CONTEC disposable tube for etching gel
- 50 x CONTEC disposable brush
- 1 x CONTEC combination instrument
- 1 x CONTEC mixing pad

When used with metal and ceramic brackets, CONTEC lc is free of BisGMA, TEGDMA and HEMA.
CONTEC lc, used with plastic brackets, is free of TEGDMA and HEMA.



CONTEC lc bracket adhesive

REF 163-111-00	2 pieces (3 g each)

Light-curing.
For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.
A plastic primer must be used to bond plastic brackets.

When used with metal and ceramic brackets, CONTEC lc is free of BisGMA, TEGDMA and HEMA.
CONTEC lc, used with plastic brackets, is free of TEGDMA and HEMA.



CONTEC lcr set

REF 163-130-00	1 set

Light-curing.
For bonding of retainers.
For approx. 80 retainers, braided or approx. 250 retainer 3-3.
Content:
- 2 x CONTEC lcr retainer adhesive, each 3.4 g (REF 163-131-00)
- 1 x CONTEC lc / lcr primer, 5 ml (REF 163-113-10)
- 2 x CONTEC etching gel, each 2,5 ml (REF 163-115-00)
- 6 x CONTEC lcr disposable tube
- 6 x CONTEC disposable tube for etching gel
- 50 x CONTEC disposable brush
- 1 x CONTEC combination instrument
- 1 x CONTEC mixing pad

CONTEC lcr is free of TEGDMA and HEMA.

Adhesives and accessories

CONTEC lcr retainer adhesive

Light-curing.
For bonding retainers.
Without disposable tube.

CONTEC lcr is free of TEGDMA and HEMA.

REF 163-131-00	3.4 g



CONTEC lc / lcr primer

Light-curing.
For CONTEC lc bracket adhesive (REF 163-111-00)
and CONTEC lcr retainer adhesive (REF 163-131-00).

REF 163-113-10	5 ml



CONTEC etching gel

35% phosphoric acid
For etching dental enamel.
Suitable for all CONTEC adhesives.
Without disposable tubes.

REF 163-115-00	2 pieces (2.5 ml each)



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Adhesives and accessories



CONTEC go set

Chemically-curing
For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.
For approx. 600 brackets (30 treatment cases).
Content:
- 3 x CONTEC go bracket adhesive, each 2.5 g (REF 163-121-00)
- 1 x CONTEC go primer, 5 ml (REF 163-114-00)
- 2 x CONTEC etching gel, je 2,5 ml (REF 163-115-00)
- 6 x CONTEC disposable tube for etching gel
- 50 x CONTEC disposable brush
- 1 x CONTEC combination instrument
- 1 x CONTEC mixing pad

CONTEC go is free of TEGDMA and HEMA.
Only compatible with REF 163-114-00 CONTEC go primer and REF 163-121-00 CONTEC go bracket adhesive. No other Dentaurum adhesive is compatible and may, therefore, not be used in combination.

REF 163-107-00	1 set

NEW



CONTEC go bracket adhesive

Chemically-curing
For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.

CONTEC go is free of TEGDMA and HEMA.
Only compatible with REF 163-107-00 CONTEC go set and REF 163-114-00 CONTEC go primer. No other Dentaurum adhesive is compatible and may, therefore, not be used in combination.

REF 163-121-00	2 pieces (each 2.5 g)

NEW



CONTEC go primer

Chemically-curing
For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets

Only compatible with REF 163-107-00 CONTEC go set and REF 163-121-00 CONTEC go bracket adhesive. No other Dentaurum adhesive is compatible and may, therefore, not be used in combination.

REF 163-114-00	5 ml

NEW



CONTEC etching gel

35% phosphoric acid
For etching dental enamel.
Suitable for all CONTEC adhesives.
Without disposable tubes.

REF 163-115-00	2 pieces (2.5 ml each)

Adhesive residue remover

For gentle removal of residual adhesive and cement without damaging the enamel.

Use water cooling!

Recommended speed: 5000 min^{-1} - max. 10000 min^{-1}

Form	REF	Quantity
conical	**123-700-00**	10 pieces
radial	**123-701-00**	10 pieces
pear, large	**123-702-00**	10 pieces
pear, small	**123-703-00**	10 pieces



Carbide bur

sterilizable

For the removal of adhesive residue.

Shaft ø: 2.35 mm

Recommended speed: 40000 min^{-1}

Form	REF	Quantity	REF	Quantity
fine	**123-604-00**	1 piece	**123-604-30**	10 pieces
coarse	**123-603-00**	1 piece	**123-603-30**	10 pieces



Product range

Arches / Straight wires / Wires on coils	Page	192

Fixed appliance technique

Arches		
Nickel titanium	Page	200
Thermo-active nickel titanium	Page	207
Stainless steel (NiCr)	Page	211
Cobalt-chrome	Page	213
Nickel-free* titanium molybdenum	Page	214
Straight wires	Page	217
Wires on coils	Page	219
Retainer	Page	220
Accessories	Page	222

Removable appliance technique

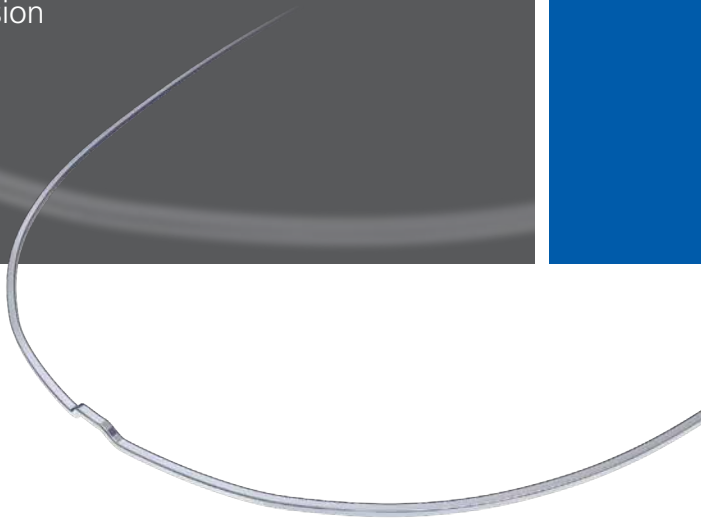
Straight wires	Page	227
Wires on coils	Page	229
Accessories	Page	231

Palatal and lingual arch systems	Page	236

* see Materials list Orthodontics

Wires I Arches Accessories.

Highest level of precision
for reliable results.



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Arches for every kind of treatment.

The choice of arch during therapy has a decisive influence on the optimal progress of an orthodontic treatment. That is why Dentaurum offers a wide range of high-quality arches made of different materials for the treatment of all kinds of situations. The depth of the program with respect to shapes, dimensions and strengths is unique as well.

Dentaurum´s assortment not only includes wires for the fixed technique, but also for the orthodontic laboratory – from clasp wires to pre-contoured wire elements for the immediate use on removable appliances.

In addition, the wire and arch program is complemented by highly biocompatible materials like rematitan® SPECIAL. These materials are the perfect complement to the nickel-free brackets and in combination enable a complete nickel-free treatment of sensitive allergy patients.

rematitan® LITE / rematitan® LITE White
Nickel titanium.

rematitan® LITE Spee®
Nickel titanium.

Tensic® / Tensic® White
Thermo-active nickel titanium.

Equire Thermo-Active
Thermo-active nickel titanium.

dentaflex®
Stainless steel (twisted and braided).

remanium® / Equire
Stainless steel (NiCr).

remaloy®
Cobalt-chrome.

Noninium®
Nickel-free* stainless steel wire.

rematitan® SPECIAL
Titanium molybdenum.

* Nickel trace elements of ≤ 0.2 % are due to the process of manufacturing

Suggested applications for Dentaurum wires and arches.

Wire material	Initial phase			Intermediate phase				Final phase	
	Levelling	Torque	Rotation	Dentoalveolar compensation	Torque	Rotation	Retraction with loops	Dentoalveolar compensation	Torque
Nickel titanium									
rematitan® LITE round	+		+						
rematitan® LITE rectangular		+		+	+	+		+	+
rematitan® sl round	+		+						
Nickel titanium (white coated)									
rematitan® LITE White round	+		+			+			
rematitan® LITE White rectangular		+			+	+			
Thermo-active nickel titanium									
Tensic® round	+		+			+			
Tensic® rectangular	+	+			+	+			
Equire Thermo-Active round	+		+			+			
Equire Thermo-Active rectangular	+	+			+	+			
Thermo-active nickel titanium (white coated)									
Tensic® White round	+		+			+			
Tensic® White rectangular	+	+			+	+			
Stainless steel (twisted and braided)									
dentaflex® 3 strands round	+								
dentaflex® 6 strands round	+								
dentaflex® 3 strands rectangular		+							
dentaflex® 8 strands rectangular	+	+							
Stainless steel									
remanium® round				+					
remanium® rectangular				+	+		+	+	+
Equire round				+					
Equire rectangular				+	+		+	+	+
Cobalt-chrome									
remaloy® rectangular					+		+		
Nickel-free titanium molybdenum									
rematitan® SPECIAL round				+					
rematitan® SPECIAL rectangular		+			+		+		+

Strength categories.

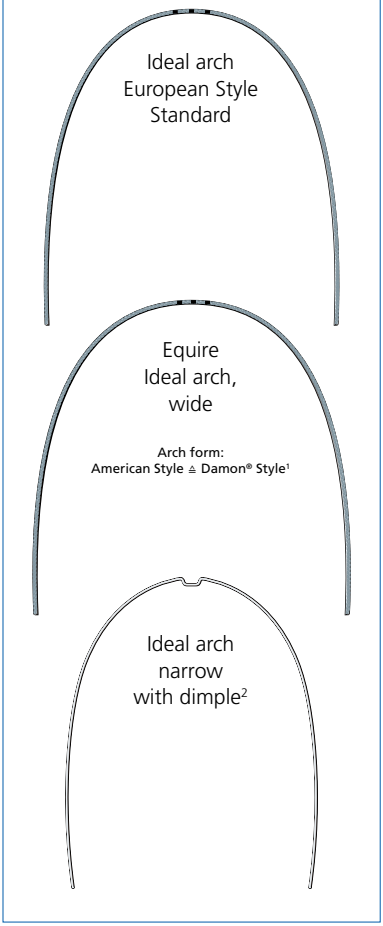
Strength category	N/mm²	rematitan® LITE	Tensic®	Equire	dentaflex®	remanium®	remaloy®	Noninium®	rematitan® SPECIAL
middle plus 0	1100 – < 1400								+
hard 1	1400 – < 1600					+	+	+	
hard plus 2	1600 – < 1800				+		+		
spring hard 3	1800 – < 2000					+	+	+	
spring hard plus 4	2000 – < 2300			+		+			
extra spring hard 5	2000 – < 2500					+			
super spring hard 6	2500 – < 2700				+				
super elastic 7	–	+	+	+					



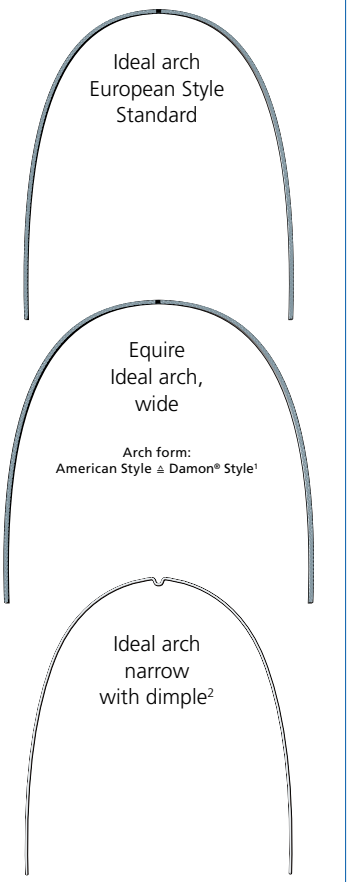
Arch forms in comparison.

Illustrations are for reference purposes only. The actual product may deviate from the illustration.

Ideal arch, maxilla

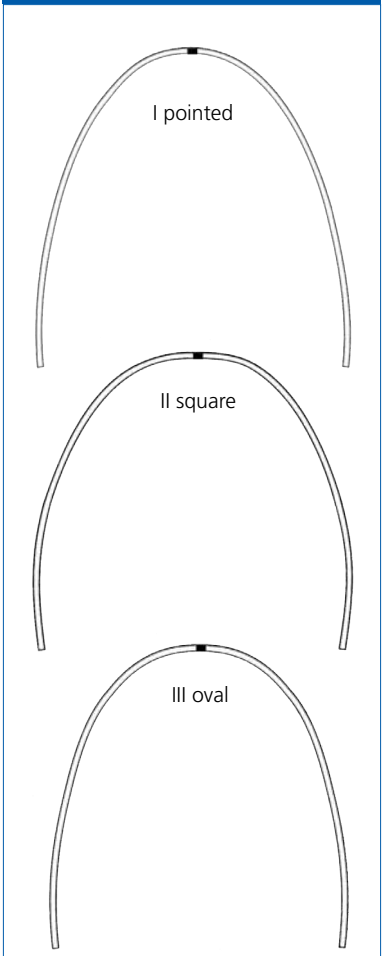


Ideal arch, mandible

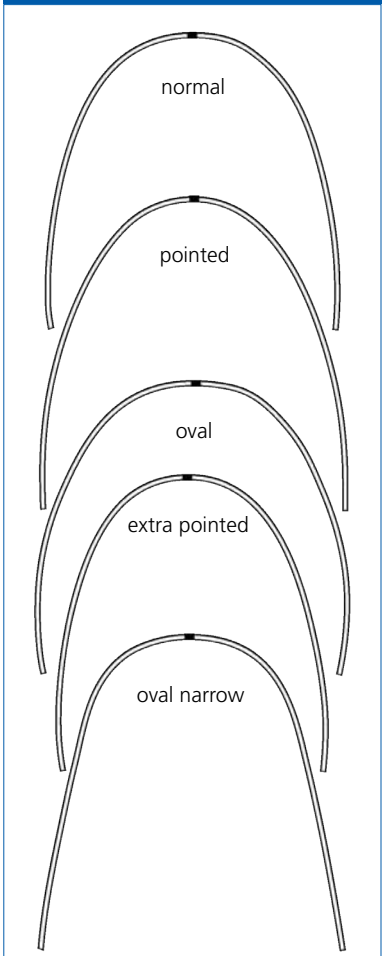


- Available in rematitan® LITE only.
- Same shape for maxilla and mandible.

McLaughlin-Bennett-Trevisi[3] arch



Ricketts® PENTA arch



[1] Damon® is a registered trademark of Ormco BV.
[2] Available in rematitan® LITE only.
[3] The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

A brief overview of the program.

rematitan® LITE – nickel titanium.

rematitan® LITE arches are made from a super elastic, nickel titanium alloy. The super elasticity allows for reversibility and an even and gentle transfer of force. Due to its elastic recovery, rematitan® LITE arches are ideal in the levelling phase.

Available in the strength categories 0 1 2 3 4 5 6 **7**

Tensic® – thermo-active nickel titanium.

Tensic® arches are super elastic and very easy to bend in martensitic state at room temperature. The transformation temperature, which is close to body temperature, is responsible for the transfer of constant, gentle forces, which prevents the risk of root resorption during the levelling phase.

Available in the strength categories 0 1 2 3 4 5 6 **7**

Equire – thermo-active nickel-titanium (American Style ≙ Damon® Style[1]).

Equire nickel titanium arches are super elastic. Apart from their arch form they are identical to Tensic® arches and may be used throughout the entire treatment, even when the wire is frequently replaced. Equire nickel titanium arches are easy to form and weld in a martensitic state at room temperature and have smooth, low friction surfaces. The arch form complies with the American orthodontic ideal size.

Available in the strength categories 0 1 2 3 4 5 6 **7**

dentaflex® – stainless steel (twisted and braided).

dentaflex® wires and arches are available as triple-stranded and twisted wires. They are slightly stronger than the 6-strand, coaxial version and offer a well proven alternative to NiTi wires. dentaflex® 8-strand braided arches are available in addition. These particular arches are especially useful for torque during the initial stages.

Available in the strength categories 0 1 **2** 3 4 5 **6** 7

remanium® – stainless steel.

remanium® wires and arches are the best solution when stronger forces are required or when precise torque control is required towards the end of treatment. The wide spectrum of strength categories available in this series allows the use of remanium® wires and arches throughout the entire treatment, even when the wire is frequently replaced. They are easy to form and weld and have smooth surfaces with low friction.

Available in the strength categories 0 **1** 2 **3** **4** **5** 6 7

Equire – stainless steel (American Style ≙ Damon® Style[1]).

Equire stainless steel arches are best suitable when forces are required such as those produced by remanium® arches. They may be used throughout the entire treatment, even when the wire is frequently replaced. Equire arches are easy to form, can be welded and have smooth, low friction surfaces. The arch shape complies with the American orthodontic ideal size.

Available in the strength categories 0 1 2 3 **4** 5 6 7

remaloy® – cobalt-chrome.

remaloy® wires and arches are made of a cobalt chrome alloy, which can be tempered and are extremely break-resistant. This makes bending loops with fingers or pliers much easier. The surfaces are smooth, and low in friction.

Available in the strength categories 0 **1** **2** **3** 4 5 6 7

Noninium® – nickel-free[2] stainless steel wire.

Noninium® wires are especially designed for patients who are sensitized to nickel as they do not contain nickel[2]. They are very break-resistant and have outstanding mechanical properties.

Available in the strength categories 0 **1** 2 **3** 4 5 6 7

rematitan® SPECIAL – titanium molybdenum.

The rematitan® SPECIAL wires and arches are made of a titanium molybdenum nickel-free[2] alloy, and are therefore suitable for patients who are sensitized to nickel. This alloy's modulus of elasticity, which is much lower compared to that of stainless steel wires, creates significantly lower forces but at the same time enables high elasticity and easy bending properties.

Available in the strength categories **0** 1 2 3 4 5 6 7

[1] Damon® is a registered trademark of Ormco BV
[2] Nickel trace elements of ≤ 0.2 % are due to the process of manufacturing

Delivery program arches

Nickel titanium, super elastic

ø	REF (Maxillary)	REF (Mandibular)	Quantity
rematitan® LITE ideal arch, round			
12	**766-058-00**	**766-059-00**	10 pieces
14	**766-080-00**	**766-081-00**	10 pieces
14	**766-080-01**	**766-081-01**	50 pieces
16	**766-082-00**	**766-083-00**	10 pieces
16	**766-082-01**	**766-083-01**	50 pieces
18	**766-084-00**	**766-085-00**	10 pieces
18	**766-084-01**	**766-085-01**	50 pieces
20	**768-100-00**	**768-101-00**	10 pieces
20	**768-100-01**	**768-101-01**	50 pieces
rematitan® LITE ideal arch, rectangular			
16 x 16	**766-088-00**	**766-089-00**	10 pieces
16 x 16	**766-088-01**	**766-089-01**	50 pieces
16 x 22	**766-090-00**	**766-091-00**	10 pieces
16 x 22	**766-090-01**	**766-091-01**	50 pieces
17 x 25	**766-092-00**	**766-093-00**	10 pieces
18 x 18	**768-102-00**	**768-103-00**	10 pieces
18 x 18	**768-102-01**	**768-103-01**	50 pieces
18 x 25	**768-104-00**	**768-105-00**	10 pieces
18 x 25	**768-104-01**	**768-105-01**	50 pieces
19 x 25	**768-106-00**	**768-107-00**	10 pieces
19 x 25	**768-106-01**	**768-107-01**	50 pieces
20 x 20	**768-108-00**	**768-109-00**	10 pieces
20 x 20	**768-108-01**	**768-109-01**	50 pieces
21 x 25	**768-110-00**	**768-111-00**	10 pieces
21 x 25	**768-110-01**	**768-111-01**	50 pieces
rematitan® LITE ideal arch, round, with dimple			
12	**766-060-00**	**766-061-00**	10 pieces
14	**766-062-00**	**766-063-00**	10 pieces
16	**766-064-00**	**766-065-00**	10 pieces
18	**766-066-00**	**766-067-00**	10 pieces
20	**768-112-00**	**768-113-00**	10 pieces
rematitan® LITE ideal arch, rectangular, with dimple			
16 x 16	**766-068-00**	**766-069-00**	10 pieces
16 x 22	**766-070-00**	**766-071-00**	10 pieces
17 x 25	**766-072-00**	**766-073-00**	10 pieces
18 x 18	**766-074-00**	**766-075-00**	10 pieces
18 x 25	**766-076-00**	**766-077-00**	10 pieces
19 x 25	**766-078-00**	**766-079-00**	10 pieces
20 x 20	**768-114-00**	**768-115-00**	10 pieces
21 x 25	**766-086-00**	**766-087-00**	10 pieces

rematitan® LITE ideal arch, round, narrow form, with dimple			
12	**766-160-00**	**766-161-00**	10 pieces
14	**766-162-00**	**766-163-00**	10 pieces
16	**766-164-00**	**766-165-00**	10 pieces
18	**766-166-00**	**766-167-00**	10 pieces
20	**768-116-00**	**768-117-00**	10 pieces
rematitan® LITE ideal arch, rectangular, narrow form, with dimple			
16 x 16	**766-168-00**	**766-169-00**	10 pieces
16 x 22	**766-170-00**	**766-171-00**	10 pieces
17 x 25	**766-172-00**	**766-173-00**	10 pieces
18 x 18	**766-174-00**	**766-175-00**	10 pieces
18 x 25	**766-176-00**	**766-177-00**	10 pieces
19 x 25	**766-178-00**	**766-179-00**	10 pieces
20 x 20	**768-118-00**	**768-119-00**	10 pieces
21 x 25	**768-120-00**	**768-121-00**	10 pieces
rematitan® LITE Spee® retraction arch, round, with dimple			
12	**766-014-00**	**766-015-00**	10 pieces
14	**766-018-00**	**766-019-00**	10 pieces
16	**766-050-00**	**766-051-00**	10 pieces
18	**766-052-00**	**766-053-00**	10 pieces
rematitan® LITE Spee® retraction arch, rectangular, with dimple			
16 x 22	**766-054-00**	**766-055-00**	10 pieces
17 x 25	**766-056-00**	**766-057-00**	10 pieces
18 x 18	**766-032-00**	**766-033-00**	10 pieces
18 x 25	**766-034-00**	**766-037-00**	10 pieces
19 x 25	**766-036-00**	**766-039-00**	10 pieces

Delivery program arches

Nickel titanium, super elastic

⍁	REF	Quantity
rematitan® LITE arch, arch form I, pointed, rectangular		
16 x 16	**766-180-00**	10 pieces
16 x 22	**766-181-00**	10 pieces
17 x 25	**766-182-00**	10 pieces
rematitan® LITE arch, arch form II, square, rectangular		
16 x 16	**766-183-00**	10 pieces
16 x 22	**766-184-00**	10 pieces
17 x 25	**766-185-00**	10 pieces
rematitan® LITE arch, arch form III, oval, rectangular		
16 x 16	**766-186-00**	10 pieces
16 x 22	**766-187-00**	10 pieces
17 x 25	**766-188-00**	10 pieces
rematitan® LITE Ricketts® PENTA arch, normal, rectangular		
16 x 16	**766-250-00**	10 pieces
16 x 22	**766-251-00**	10 pieces
17 x 25	**766-252-00**	10 pieces
rematitan® LITE Ricketts® PENTA arch, pointed, rectangular		
16 x 16	**766-253-00**	10 pieces
16 x 22	**766-254-00**	10 pieces
17 x 25	**766-255-00**	10 pieces
rematitan® LITE Ricketts® PENTA arch, oval, rectangular		
16 x 16	**766-256-00**	10 pieces
16 x 22	**766-257-00**	10 pieces
17 x 25	**766-258-00**	10 pieces
rematitan® LITE Ricketts® PENTA arch, extra pointed, rectangular		
16 x 16	**766-259-00**	10 pieces
16 x 22	**766-260-00**	10 pieces
17 x 25	**766-261-00**	10 pieces
rematitan® LITE Ricketts® PENTA arch, oval narrow, rectangular		
16 x 16	**766-262-00**	10 pieces
16 x 22	**766-263-00**	10 pieces
17 x 25	**766-264-00**	10 pieces

Thermo-active nickel titanium, super elastic

ø	REF (Maxillary)	REF (Mandibular)	Quantity
Tensic® ideal arch, round			
12	**766-700-00**	**766-701-00**	10 pieces
14	**766-702-00**	**766-703-00**	10 pieces
16	**766-704-00**	**766-705-00**	10 pieces
18	**766-706-00**	**766-707-00**	10 pieces
Tensic® ideal arch, rectangular			
16 x 16	**766-710-00**	**766-711-00**	10 pieces
16 x 22	**766-712-00**	**766-713-00**	10 pieces
17 x 25	**766-714-00**	**766-715-00**	10 pieces
18 x 25	**766-716-00**	**766-717-00**	10 pieces
19 x 25	**766-718-00**	**766-719-00**	10 pieces
21 x 25	**766-720-00**	**766-721-00**	10 pieces
Equire thermo-active, preformed ideal arch, round, arch form: American Style ≙ Damon Style*			
12	**766-800-00**	**766-801-00**	10 pieces
14	**766-802-00**	**766-803-00**	10 pieces
16	**766-804-00**	**766-805-00**	10 pieces
18	**766-806-00**	**766-807-00**	10 pieces
Equire thermo-active, preformed ideal arch, rectangular, arch form: American Style ≙ Damon Style*			
16 x 16	**766-808-00**	**766-809-00**	10 pieces
16 x 22	**766-810-00**	**766-811-00**	10 pieces
17 x 25	**766-812-00**	**766-813-00**	10 pieces
18 x 25	**766-814-00**	**766-815-00**	10 pieces
19 x 25	**766-816-00**	**766-817-00**	10 pieces
21 x 25	**766-818-00**	**766-819-00**	10 pieces

*Damon® is a registered trademark of Ormco BV

Delivery program arches

Stainless steel (twisted and braided), super spring hard

ø	REF (Maxillary)	REF (Mandibular)	Quantity
dentaflex® ideal arch, round, 3-strand twisted			
15	**766-120-00**	**766-121-00**	10 pieces
15	**766-120-01**	**766-121-01**	50 pieces
18	**766-122-00**	**766-123-00**	10 pieces
18	**766-122-01**	**766-123-01**	50 pieces
20	**766-124-00**	**766-125-00**	10 pieces
dentaflex® ideal arch, rectangular, 3-strand twisted			
16 x 16	**766-130-00**	**766-131-00**	10 pieces
16 x 22	**766-132-00**	**766-133-00**	10 pieces
16 x 22	**766-132-01**	**766-133-01**	50 pieces
dentaflex® ideal arch, rectangular, 8-strand braided			
16 x 16	**766-100-00**	**766-200-00**	10 pieces
16 x 16	**766-100-01**	**766-200-01**	50 pieces
16 x 22	**766-101-00**	**766-201-00**	10 pieces
16 x 22	**766-101-01**	**766-201-01**	50 pieces
17 x 25	**766-103-00**	**766-203-00**	10 pieces
18 x 25	**766-104-00**	**766-204-00**	10 pieces
19 x 25	**766-105-00**	**766-205-00**	10 pieces

Stainless steel (twisted and braided), hard plus

ø	REF (Maxillary)	REF (Mandibular)	Quantity
dentaflex® ideal arch, round, 6-strand co-axial			
15	**766-300-00**	**766-400-00**	10 pieces
15	**766-300-01**	**766-400-01**	50 pieces
18	**766-301-00**	**766-401-00**	10 pieces
18	**766-301-01**	**766-401-01**	50 pieces

Stainless steel (nickel chromium), spring hard plus

ø	REF (Maxillary)	REF (Mandibular)	Quantity
remanium® ideal arch, round			
14	**765-200-00**	**765-300-00**	10 pieces
16	**765-201-00**	**765-301-00**	10 pieces
16	**765-201-01**	**765-301-01**	50 pieces
18	**765-202-00**	**765-302-00**	10 pieces
18	**765-202-01**	**765-302-01**	50 pieces
20	**765-203-00**	**765-303-00**	10 pieces
remanium® ideal arch, rectangular			
16 x 16	**767-100-00**	**767-200-00**	10 pieces
16 x 16	**767-100-01**	**767-200-01**	50 pieces
16 x 22	**767-101-00**	**767-201-00**	10 pieces
16 x 22	**767-101-01**	**767-201-01**	50 pieces
17 x 22	**767-102-00**	**767-202-00**	10 pieces
17 x 25	**767-103-00**	**767-203-00**	10 pieces
17 x 25	**767-103-01**	**767-203-01**	50 pieces
18 x 25	**767-104-00**	**767-204-00**	10 pieces
19 x 25	**767-105-00**	**767-205-00**	10 pieces
19 x 25	**767-105-01**	**767-205-01**	50 pieces
21.5 x 25	**767-106-00**	**767-206-00**	10 pieces
21.5 x 28	**767-107-00**	**767-207-00**	10 pieces
Equire preformed ideal arch, round, arch form: American Style ≙ Damon Style*			
12	**769-000-00**	**769-001-00**	10 pieces
14	**769-002-00**	**769-003-00**	10 pieces
16	**769-004-00**	**769-005-00**	10 pieces
18	**769-006-00**	**769-007-00**	10 pieces
Equire preformed ideal arch, rectangular, arch form: American Style ≙ Damon Style*			
16 x 16	**769-008-00**	**769-009-00**	10 pieces
16 x 22	**769-010-00**	**769-011-00**	10 pieces
17 x 25	**769-012-00**	**769-013-00**	10 pieces
18 x 25	**769-014-00**	**769-015-00**	10 pieces
19 x 25	**769-016-00**	**769-017-00**	10 pieces
21 x 25	**769-018-00**	**769-019-00**	10 pieces

*Damon® is a registered trademark of Ormco BV

Cobalt chromium, hard plus

⍁	REF (Maxillary)	REF (Mandibular)	Quantity
remaloy® ideal arch, rectangular			
16 x 16	**769-100-00**	**769-200-00**	10 pieces
16 x 22	**769-101-00**	**769-201-00**	10 pieces

Nickel-free titanium molybdenum, middle plus

ø	REF (Maxillary)	REF (Mandibular)	Quantity
rematitan® SPECIAL ideal arch, round			
16	**766-605-00**	**766-606-00**	10 pieces
18	**766-607-00**	**766-608-00**	10 pieces
rematitan® SPECIAL ideal arch, rectangular			
16 x 16	**766-631-00**	**766-632-00**	10 pieces
16 x 22	**766-609-00**	**766-610-00**	10 pieces
17 x 25	**766-611-00**	**766-612-00**	10 pieces
18 x 18	**766-613-00**	**766-614-00**	10 pieces
18 x 25	**766-615-00**	**766-616-00**	10 pieces
19 x 25	**766-617-00**	**766-618-00**	10 pieces
21 x 25	**766-619-00**	**766-620-00**	10 pieces

Nickel titanium (white coated), super elastic

ø	REF (Maxillary)	REF (Mandibular)	Quantity
rematitan® LITE White ideal arch, round			
16	**768-014-00**	**768-015-00**	3 pieces
18	**768-016-00**	**768-017-00**	3 pieces
rematitan® LITE White ideal arch, rectangular			
16 x 16	**768-018-00**	**768-019-00**	3 pieces
16 x 22	**768-020-00**	**768-021-00**	3 pieces
17 x 25	**768-022-00**	**768-023-00**	3 pieces

Thermo-active nickel titanium (white coated), super elastic

ø	REF (Maxillary)	REF (Mandibular)	Quantity
Tensic® White ideal arch, round			
16	**768-026-00**	**768-027-00**	3 pieces
18	**768-028-00**	**768-029-00**	3 pieces
Tensic® White ideal arch, rectangular			
16 x 16	**768-030-00**	**768-031-00**	3 pieces
16 x 22	**768-032-00**	**768-033-00**	3 pieces
17 x 25	**768-034-00**	**768-035-00**	3 pieces
18 x 25	**768-038-00**	**768-039-00**	3 pieces
19 x 25	**768-040-00**	**768-041-00**	3 pieces

Delivery program straight wires

Stainless steel (twisted and braided)

ø	REF	Quantity
dentaflex® straight wire, round, 3-strand twisted, super spring hard		
0.38 mm / 15	**545-738-00**	10 pieces
0.45 mm / 18	**545-745-00**	10 pieces
0.50 mm / 20	**545-750-00**	10 pieces
dentaflex® straight wire, round, 6-strand co-axial, hard plus		
0.38 mm / 15	**545-638-00**	10 pieces
0.45 mm / 18	**545-645-00**	10 pieces
rematain® flat retainer wire, 6-strand braided		
10 x 29	**530-000-00**	10 pieces

Stainless steel (nickel chromium)

ø	REF	Quantity
remanium® straight wire, round, extra spring hard		
0.35 mm / 14	**535-035-00**	25 pieces
0.40 mm / 16	**535-040-00**	25 pieces
0.45 mm / 18	**535-045-00**	25 pieces
remanium® straight wire, rectangular, spring hard		
16 x 16	**537-340-00**	10 pieces
16 x 22	**537-310-00**	10 pieces
17 x 22	**537-311-00**	10 pieces
17 x 25	**537-313-00**	10 pieces
18 x 25	**537-314-00**	10 pieces
19 x 19	**535-048-00**	25 pieces
20 x 20	**535-051-00**	25 pieces
21.5 x 28	**537-324-00**	10 pieces
remanium® straight wire, rectangular, spring hard plus		
16 x 16	**537-440-00**	10 pieces
16 x 22	**537-410-00**	10 pieces
17 x 22	**537-411-00**	10 pieces
17 x 25	**537-413-00**	10 pieces
18 x 25	**537-414-00**	10 pieces
21.5 x 25	**537-423-00**	10 pieces
21.5 x 28	**537-424-00**	10 pieces
remanium® straight wire, round, spring hard		
0.40 mm / 16	**525-040-00**	25 pieces
0.50 mm / 20	**535-002-00**	25 pieces
0.60 mm / 23	**535-003-00**	25 pieces
0.70 mm / 28	**527-070-00**	25 pieces
0.70 mm / 28	**527-005-00**	900 pieces
0.70 mm / 28	**527-004-00**	1100 pieces
0.75 mm / 30	**535-005-00**	25 pieces
0.80 mm / 31	**527-080-00**	25 pieces
0.80 mm / 31	**527-006-00**	875 pieces
0.90 mm / 36	**527-090-00**	25 pieces
1.00 mm / 39	**527-100-00**	25 pieces
1.15 mm / 45	**535-009-00**	25 pieces

Cobalt chromium

▱	REF	Quantity
remaloy® straight wire, rectangular, hard plus		
16 x 16	**537-540-00**	10 pieces
16 x 22	**537-510-00**	10 pieces
remaloy® straight wire, round, hard		
0.70 mm / 28	**528-070-00**	10 pieces
0.80 mm / 31	**528-080-00**	10 pieces
0.90 mm / 36	**528-090-00**	10 pieces
1.00 mm / 39	**528-100-00**	10 pieces
1.10 mm / 43	**528-110-00**	10 pieces
1.20 mm / 47	**528-120-00**	10 pieces
1.30 mm / 51	**528-130-00**	10 pieces
1.50 mm / 59	**528-150-00**	10 pieces
remaloy® straight wire, half-round, spring hard		
1.50 mm x 0.75 mm / 59 x 30	**528-155-00**	10 pieces
1.75 mm x 0.90 mm / 69 x 36	**528-158-00**	10 pieces
remaloy® straight wire, rectangular rounded, hard plus		
1.92 mm x 0.90 mm / 76 x 36	**528-159-00**	10 pieces

Delivery program straight wires

Nickel-free titanium molybdenum

ø	REF	Quantity
rematitan® SPECIAL straight wire, round, middle plus		
0.40 mm / 16	**766-600-00**	10 pieces
0.45 mm / 18	**766-601-00**	10 pieces
0.80 mm / 32	**766-629-00**	10 pieces
rematitan® SPECIAL straight wire, rectangular, middle plus		
16 x 16	**766-633-00**	10 pieces
16 x 22	**766-602-00**	10 pieces
17 x 25	**766-603-00**	10 pieces
19 x 25	**766-604-00**	10 pieces

Titanium

ø	REF	Quantity
Titanium retainer wire, 3-strand twisted, Ti1, round		
0.44 mm / 17	**528-001-01**	10 pieces
0.50 mm / 20	**528-000-01**	10 pieces
Titanium retainer wire, 3-strand twisted, Ti5, round		
0.44 mm / 17	**528-001-00**	10 pieces
0.50 mm / 20	**528-000-00**	10 pieces

Gold

ø	REF	Quantity
Gold retainer, 3-strand twisted, round		
0.50 mm / 20	**529-000-00**	1 piece

Dimensions

Inch		mm
10	round	0.25 mm
12	round	0.30 mm
14	round	0.35 mm
15	round	0.38 mm
16	round	0.40 mm
18	round	0.45 mm
20	round	0.50 mm
23	round	0.60 mm
28	round	0.70 mm
32	round	0.80 mm
36	round	0.90 mm
39	round	1.00 mm
43	round	1.10 mm
47	round	1.20 mm
51	round	1.30 mm
59	round	1.50 mm

Inch		mm
16 x 16	rectangular	0.41 mm x 0.41 mm
16 x 22	rectangular	0.41 mm x 0.56 mm
17 x 22	rectangular	0.43 mm x 0.56 mm
17 x 25	rectangular	0.43 mm x 0.64 mm
18 x 25	rectangular	0.46 mm x 0.64 mm
19 x 25	rectangular	0.48 mm x 0.64 mm
21 x 25	rectangular	0.53 mm x 0.64 mm
21.5 x 25	rectangular	0.55 mm x 0.64 mm
21.5 x 28	rectangular	0.55 mm x 0.70 mm

Delivery program wires on coils

Nickel titanium

ø	REF	Quantity
rematitan® LITE wire on coils, round, super elastic		
0.30 mm / 12	**766-094-00**	4.5 m
0.35 mm / 14	**766-095-00**	4.5 m
0.40 mm / 16	**766-196-00**	4.5 m

Stainless steel (twisted and braided)

ø	REF	Quantity
dentaflex® wire on coils, round, 3-strand twisted, super spring hard		
0.38 mm / 15	**545-738-01**	4 m
0.45 mm / 18	**545-745-01**	4 m
dentaflex® wire on coils, round, 6-strand co-axial, super spring hard		
0.38 mm / 15	**545-638-01**	4 m
0.45 mm / 18	**545-645-01**	4 m

Stainless steel (nickel chromium)

ø	REF	Quantity
remanium® wire on coils, round, extra spring hard		
0.35 mm / 14	**530-035-00**	7.5 m
0.40 mm / 16	**530-040-00**	7.5 m
0.45 mm / 18	**530-045-00**	7.5 m
remanium® ligature wire, round, soft		
0.25 mm / 10	**500-025-00**	80 m
0.25 mm / 10	**501-025-00**	1160 m
0.30 mm / 12	**500-030-00**	60 m
0.40 mm / 16	**500-040-00**	30 m
0.50 mm / 20	**503-050-00**	50 m
0.50 mm / 20	**501-050-00**	320 m
remanium® laboratory coil, round, hard		
0.70 mm / 28	**513-070-00**	30 m
0.80 mm / 31	**513-080-00**	20 m
0.90 mm / 36	**513-090-00**	10 m
1.00 mm / 39	**513-100-00**	10 m
1.20 mm / 47	**513-120-00**	10 m
1.50 mm / 59	**513-150-00**	10 m
remanium® clinical coil, round, hard		
0.70 mm / 28	**514-070-00**	165 m
0.80 mm / 31	**514-080-00**	125 m
0.90 mm / 36	**514-090-00**	100 m
1.00 mm / 39	**514-100-00**	80 m
remanium® laboratory coil, round, spring hard		
0.40 mm / 16	**521-040-00**	30 m
0.50 mm / 20	**523-050-00**	50 m
0.60 mm / 23	**523-060-00**	40 m
0.70 mm / 28	**523-070-00**	30 m
0.80 mm / 31	**523-080-00**	20 m
0.90 mm / 36	**523-090-00**	10 m
1.00 mm / 39	**523-100-00**	10 m
1.10 mm / 43	**523-110-00**	10 m
1.20 mm / 47	**523-120-00**	10 m
1.50 mm / 59	**523-150-00**	10 m
remanium® clinical coil, round, spring hard		
0.60 mm / 23	**524-060-00**	225 m
0.70 mm / 28	**524-070-00**	165 m
0.80 mm / 31	**524-080-00**	125 m
0.90 mm / 36	**524-090-00**	100 m
1.00 mm / 39	**524-100-00**	80 m
1.10 mm / 43	**524-110-00**	70 m
remanium® wire on coils, half-round, hard		
1.30 mm x 0.65 mm / 51 x 26	**308-513-00**	10 m
1.50 mm x 0.75 mm / 59 x 30	**308-515-00**	10 m
1.75 mm x 0.90 mm / 69 x 36	**308-518-00**	10 m
2.00 mm x 1.00 mm / 79 x 40	**308-520-00**	10 m
remanium® clinical coil, half-round, hard		
1.30 mm x 0.65 mm / 51 x 26	**308-713-00**	90 m
1.50 mm x 0.75 mm / 59 x 30	**308-715-00**	65 m
1.75 mm x 0.90 mm / 69 x 36	**308-718-00**	50 m
remanium® wire on coils, oval, hard		
2.40 mm x 1.40 mm / 95 x 55	**385-624-00**	10 m
3.00 mm x 1.50 mm / 118 x 59	**385-630-00**	10 m

Delivery program wires on coils

Nickel-free* stainless steel

ø	REF	Quantity
Noninium® wire on coils, round, hard		
0.70 mm / 28	**520-070-10**	30 m
0.80 mm / 31	**520-080-10**	20 m
0.90 mm / 36	**520-090-10**	10 m
1.20 mm / 47	**520-120-10**	10 m
Noninium® wire on coils, round, spring hard		
0.60 mm / 23	**520-062-10**	40 m
0.70 mm / 28	**520-072-10**	30 m
0.80 mm / 31	**520-082-10**	20 m
0.90 mm / 36	**520-092-10**	10 m

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

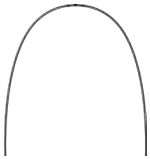
Titanium

ø	REF	Quantity
Titanium retainer wire, 3-strand twisted, Ti1, round		
0.50 mm / 20	**528-000-02**	2 m

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Fixed appliance technique / Arches

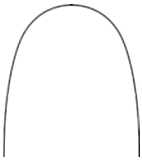
Nickel titanium



rematitan® LITE ideal arch, round

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-058-00**	10 pieces
0.35 mm / 14			**766-080-00**	10 pieces
0.35 mm / 14			**766-080-01**	50 pieces
0.40 mm / 16			**766-082-00**	10 pieces
0.40 mm / 16			**766-082-01**	50 pieces
0.45 mm / 18			**766-084-00**	10 pieces
0.45 mm / 18			**766-084-01**	50 pieces
0.50 mm / 20			**768-100-00**	10 pieces
0.50 mm / 20			**768-100-01**	50 pieces



Mid-line marking: Mandibular 1 dot

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-059-00**	10 pieces
0.35 mm / 14			**766-081-00**	10 pieces
0.35 mm / 14			**766-081-01**	50 pieces
0.40 mm / 16			**766-083-00**	10 pieces
0.40 mm / 16			**766-083-01**	50 pieces
0.45 mm / 18			**766-085-00**	10 pieces
0.45 mm / 18			**766-085-01**	50 pieces
0.50 mm / 20			**768-101-00**	10 pieces
0.50 mm / 20			**768-101-01**	50 pieces

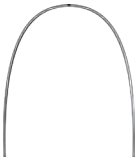
Nickel titanium



rematitan® LITE ideal arch, rectangular

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary 3 dots

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-088-00**	10 pieces
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-088-01**	50 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-090-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-090-01**	50 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-092-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**768-102-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**768-102-01**	50 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**768-104-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**768-104-01**	50 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**768-106-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**768-106-01**	50 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-108-00**	10 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-108-01**	50 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**768-110-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**768-110-01**	50 pieces

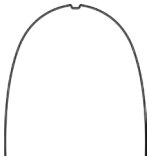


Mid-line marking: Mandibular 1 dot

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-089-00**	10 pieces
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-089-01**	50 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-091-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-091-01**	50 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-093-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**768-103-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**768-103-01**	50 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**768-105-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**768-105-01**	50 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**768-107-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**768-107-01**	50 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-109-00**	10 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-109-01**	50 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**768-111-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**768-111-01**	50 pieces

Fixed appliance technique / Arches

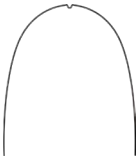
Nickel titanium



rematitan® LITE ideal arch, round

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: with dimple

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-060-00**	10 pieces
0.35 mm / 14			**766-062-00**	10 pieces
0.40 mm / 16			**766-064-00**	10 pieces
0.45 mm / 18			**766-066-00**	10 pieces
0.50 mm / 20			**768-112-00**	10 pieces



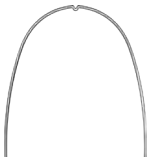
ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-061-00**	10 pieces
0.35 mm / 14			**766-063-00**	10 pieces
0.40 mm / 16			**766-065-00**	10 pieces
0.45 mm / 18			**766-067-00**	10 pieces
0.50 mm / 20			**768-113-00**	10 pieces



rematitan® LITE ideal arch, rectangular

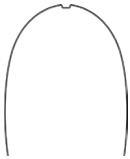
Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: with dimple

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-068-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-070-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-072-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-074-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-076-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-078-00**	10 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-114-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-086-00**	10 pieces



⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-069-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-071-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-073-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-075-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-077-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-079-00**	10 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-115-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-087-00**	10 pieces

Nickel titanium

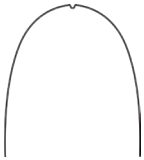


rematitan® LITE ideal arch, round

For narrow jaws. Narrow arch form.

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: with dimple

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-160-00**	10 pieces
0.35 mm / 14			**766-162-00**	10 pieces
0.40 mm / 16			**766-164-00**	10 pieces
0.45 mm / 18			**766-166-00**	10 pieces
0.50 mm / 20			**768-116-00**	10 pieces



ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-161-00**	10 pieces
0.35 mm / 14			**766-163-00**	10 pieces
0.40 mm / 16			**766-165-00**	10 pieces
0.45 mm / 18			**766-167-00**	10 pieces
0.50 mm / 20			**768-117-00**	10 pieces



rematitan® LITE ideal arch, rectangular

For narrow jaws. Narrow arch form.

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: with dimple

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-168-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-170-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-172-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-174-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-176-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-178-00**	10 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-118-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**768-120-00**	10 pieces



⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-169-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-171-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-173-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-175-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-177-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-179-00**	10 pieces
0.51 mm x 0.51 mm / 20 x 20		0.64 mm	**768-119-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**768-121-00**	10 pieces

Fixed appliance technique / Arches

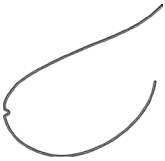
Nickel titanium



rematitan® LITE Spee® retraction arch, round

Strength category: super elastic
Mid-line marking: with dimple

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-014-00**	10 pieces
0.35 mm / 14			**766-018-00**	10 pieces
0.40 mm / 16			**766-050-00**	10 pieces
0.45 mm / 18			**766-052-00**	10 pieces



ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-015-00**	10 pieces
0.35 mm / 14			**766-019-00**	10 pieces
0.40 mm / 16			**766-051-00**	10 pieces
0.45 mm / 18			**766-053-00**	10 pieces



rematitan® LITE Spee® retraction arch, rectangular

Strength category: super elastic
Mid-line marking: with dimple

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-054-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-056-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-032-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-034-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-036-00**	10 pieces



⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-055-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-057-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-033-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-037-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-039-00**	10 pieces

Nickel titanium



rematitan® LITE arch, arch form I, pointed

For McLaughlin-Bennett-Trevisi technique**

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-180-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-181-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-182-00**	10 pieces

** The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.



rematitan® LITE arch, arch form II, square

For McLaughlin-Bennett-Trevisi technique**

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-183-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-184-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-185-00**	10 pieces

** The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.



rematitan® LITE arch, arch form III, oval

For McLaughlin-Bennett-Trevisi technique**

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-186-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-187-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-188-00**	10 pieces

** The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.



rematitan® LITE Ricketts® PENTA arch, normal

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-250-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-251-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-252-00**	10 pieces

Fixed appliance technique / Arches

Nickel titanium



rematitan® LITE Ricketts® PENTA arch, pointed

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-253-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-254-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-255-00**	10 pieces



rematitan® LITE Ricketts® PENTA arch, oval

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-256-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-257-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-258-00**	10 pieces



rematitan® LITE Ricketts® PENTA arch, extra pointed

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-259-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-260-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-261-00**	10 pieces

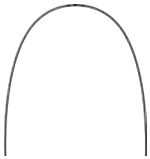


rematitan® LITE Ricketts® PENTA arch, oval narrow

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary / Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-262-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-263-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-264-00**	10 pieces

Thermo-active nickel titanium

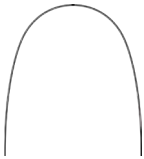


Tensic® ideal arch, round

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-700-00**	10 pieces
0.35 mm / 14			**766-702-00**	10 pieces
0.40 mm / 16			**766-704-00**	10 pieces
0.45 mm / 18			**766-706-00**	10 pieces

Mid-line marking: Mandibular 1 dot



ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-701-00**	10 pieces
0.35 mm / 14			**766-703-00**	10 pieces
0.40 mm / 16			**766-705-00**	10 pieces
0.45 mm / 18			**766-707-00**	10 pieces

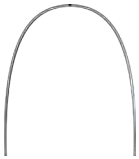


Tensic® ideal arch, rectangular

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: Maxillary 3 dots

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-710-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-712-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-714-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-716-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-718-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-720-00**	10 pieces

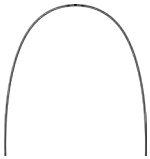
Mid-line marking: Mandibular 1 dot



⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-711-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-713-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-715-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-717-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-719-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-721-00**	10 pieces

Fixed appliance technique / Arches

Thermo-active nickel titanium



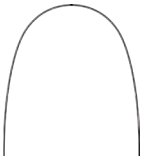
Equire thermo-active, preformed ideal arch, round

Arch form: American Style ≙ Damon Style*

Strength category: super elastic

Mid-line marking: Maxillary 3 dots, etched

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-800-00**	10 pieces
0.35 mm / 14			**766-802-00**	10 pieces
0.40 mm / 16			**766-804-00**	10 pieces
0.45 mm / 18			**766-806-00**	10 pieces



Mid-line marking: Mandibular 1 dot, etched

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**766-801-00**	10 pieces
0.35 mm / 14			**766-803-00**	10 pieces
0.40 mm / 16			**766-805-00**	10 pieces
0.45 mm / 18			**766-807-00**	10 pieces

*Damon® is a registered trademark of Ormco BV



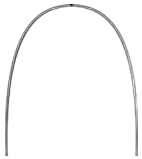
Equire thermo-active, preformed ideal arch, rectangular

Arch form: American Style ≙ Damon Style*

Strength category: super elastic

Mid-line marking: Maxillary 3 dots, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-808-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-810-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-812-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-814-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-816-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-818-00**	10 pieces



Mid-line marking: Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-809-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-811-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-813-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-815-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-817-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-819-00**	10 pieces

*Damon® is a registered trademark of Ormco BV

Stainless steel (twisted and braided)



dentaflex® ideal arch, round, 3-strand twisted

Strength category: super spring hard · 2500 N/mm² - 2700 N/mm²
Color-coded packaging: red
Mid-line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			**766-120-00**	10 pieces
0.38 mm / 15			**766-120-01**	50 pieces
0.45 mm / 18			**766-122-00**	10 pieces
0.45 mm / 18			**766-122-01**	50 pieces
0.50 mm / 20			**766-124-00**	10 pieces



Mid-line marking: Mandibular 1 dot

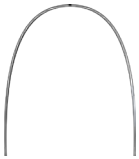
ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			**766-121-00**	10 pieces
0.38 mm / 15			**766-121-01**	50 pieces
0.45 mm / 18			**766-123-00**	10 pieces
0.45 mm / 18			**766-123-01**	50 pieces
0.50 mm / 20			**766-125-00**	10 pieces



dentaflex® ideal arch, rectangular, 3-strand twisted

Strength category: super spring hard · 2500 N/mm² - 2700 N/mm²
Color-coded packaging: red
Mid-line marking: Maxillary 3 dots

▱	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-130-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-132-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-132-01**	50 pieces



Mid-line marking: Mandibular 1 dot

▱	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-131-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-133-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-133-01**	50 pieces

Fixed appliance technique / Arches

Stainless steel (twisted and braided)

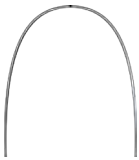


dentaflex® ideal arch, rectangular, 8-strand braided

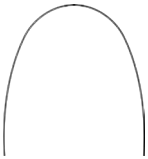
Strength category: super spring hard · 2500 N/mm² - 2700 N/mm²
Color-coded packaging: red
Mid-line marking: Maxillary 3 dots

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-100-00**	10 pieces
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-100-01**	50 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-101-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-101-01**	50 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-103-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-104-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-105-00**	10 pieces

Mid-line marking: Mandibular 1 dot



⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-200-00**	10 pieces
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-200-01**	50 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-201-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-201-01**	50 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-203-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-204-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-205-00**	10 pieces

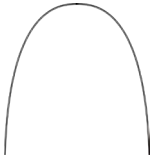


dentaflex® ideal arch, round, 6-strand co-axial

Strength category: hard plus · 1600 N/mm² - 1800 N/mm²
Color-coded packaging: red
Mid-line marking: Maxillary 3 dots

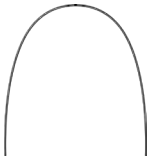
ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			**766-300-00**	10 pieces
0.38 mm / 15			**766-300-01**	50 pieces
0.45 mm / 18			**766-301-00**	10 pieces
0.45 mm / 18			**766-301-01**	50 pieces

Mid-line marking: Mandibular 1 dot



ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			**766-400-00**	10 pieces
0.38 mm / 15			**766-400-01**	50 pieces
0.45 mm / 18			**766-401-00**	10 pieces
0.45 mm / 18			**766-401-01**	50 pieces

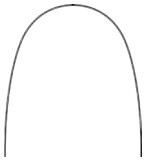
Stainless steel (nickel chromium)



remanium® ideal arch, round

Strength category: spring hard plus · 2000 N/mm² - 2300 N/mm²
Color-coded packaging: red
Mid-line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.35 mm / 14			**765-200-00**	10 pieces
0.40 mm / 16			**765-201-00**	10 pieces
0.40 mm / 16			**765-201-01**	50 pieces
0.45 mm / 18			**765-202-00**	10 pieces
0.45 mm / 18			**765-202-01**	50 pieces
0.50 mm / 20			**765-203-00**	10 pieces



Mid-line marking: Mandibular 1 dot

ø	Length	Diagonal M.	REF	Quantity
0.35 mm / 14			**765-300-00**	10 pieces
0.40 mm / 16			**765-301-00**	10 pieces
0.40 mm / 16			**765-301-01**	50 pieces
0.45 mm / 18			**765-302-00**	10 pieces
0.45 mm / 18			**765-302-01**	50 pieces
0.50 mm / 20			**765-303-00**	10 pieces

DENTAURUM ONLINE SHOP shop.dentaurum.com

Fixed appliance technique / Arches

Stainless steel (nickel chromium)



remanium® ideal arch, rectangular

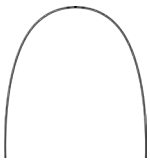
Strength category: spring hard plus · 2000 N/mm² - 2300 N/mm²
Color-coded packaging: red
Mid-line marking: Maxillary 3 dots

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**767-100-00**	10 pieces
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**767-100-01**	50 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**767-101-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**767-101-01**	50 pieces
0.43 mm x 0.56 mm / 17 x 22		0.64 mm	**767-102-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**767-103-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**767-103-01**	50 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**767-104-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**767-105-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**767-105-01**	50 pieces
0.55 mm x 0.64 mm / 21.5 x 25		0.76 mm	**767-106-00**	10 pieces
0.55 mm x 0.70 mm / 21.5 x 28		0.81 mm	**767-107-00**	10 pieces



Mid-line marking: Mandibular 1 dot

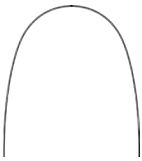
⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**767-200-00**	10 pieces
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**767-200-01**	50 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**767-201-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**767-201-01**	50 pieces
0.43 mm x 0.56 mm / 17 x 22		0.64 mm	**767-202-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**767-203-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**767-203-01**	50 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**767-204-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**767-205-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**767-205-01**	50 pieces
0.55 mm x 0.64 mm / 21.5 x 25		0.76 mm	**767-206-00**	10 pieces
0.55 mm x 0.70 mm / 21.5 x 28		0.81 mm	**767-207-00**	10 pieces



Equire preformed ideal arch, round

Arch form: American Style ≙ Damon Style*
Strength category: spring hard plus · 2000 N/mm² - 2300 N/mm²
Mid-line marking: Maxillary 3 dots, etched

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**769-000-00**	10 pieces
0.35 mm / 14			**769-002-00**	10 pieces
0.40 mm / 16			**769-004-00**	10 pieces
0.45 mm / 18			**769-006-00**	10 pieces



Mid-line marking: Mandibular 1 dot, etched

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			**769-001-00**	10 pieces
0.35 mm / 14			**769-003-00**	10 pieces
0.40 mm / 16			**769-005-00**	10 pieces
0.45 mm / 18			**769-007-00**	10 pieces

*Damon® is a registered trademark of Ormco BV

Stainless steel (nickel chromium)



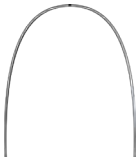
Equire preformed ideal arch, rectangular

Arch form: American Style ≙ Damon Style*

Strength category: spring hard plus · 2000 N/mm² - 2300 N/mm²

Mid-line marking: Maxillary 3 dots, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**769-008-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**769-010-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**769-012-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**769-014-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**769-016-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**769-018-00**	10 pieces



Mid-line marking: Mandibular 1 dot, etched

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**769-009-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**769-011-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**769-013-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**769-015-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**769-017-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**769-019-00**	10 pieces

*Damon® is a registered trademark of Ormco BV

CoCr



remaloy® ideal arch, rectangular

Strength category: hard plus · 1600 N/mm² - 1800 N/mm²

Color-coded packaging: blue

Mid-line marking: Maxillary 3 dots

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**769-100-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**769-101-00**	10 pieces

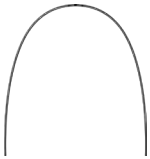


Mid-line marking: Mandibular 1 dot

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**769-200-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**769-201-00**	10 pieces

Fixed appliance technique / Arches

Nickel-free titanium molybdenum

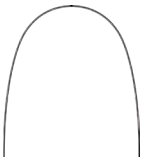


rematitan® SPECIAL ideal arch, round

Strength category: middle plus · 1100 N/mm² - 1400 N/mm²
Color-coded packaging: yellow
Mid-line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			**766-605-00**	10 pieces
0.45 mm / 18			**766-607-00**	10 pieces

Mid-line marking: Mandibular 1 dot



ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			**766-606-00**	10 pieces
0.45 mm / 18			**766-608-00**	10 pieces

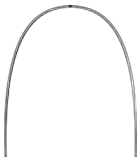


rematitan® SPECIAL ideal arch, rectangular

Strength category: middle plus · 1100 N/mm² - 1400 N/mm²
Color-coded packaging: yellow
Mid-line marking: Maxillary 3 dots

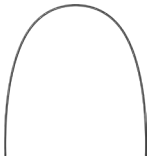
⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-631-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-609-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-611-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-613-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-615-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-617-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-619-00**	10 pieces

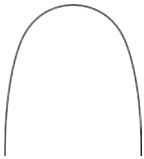
Mid-line marking: Mandibular 1 dot



⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**766-632-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**766-610-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**766-612-00**	10 pieces
0.46 mm x 0.46 mm / 18 x 18		0.59 mm	**766-614-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**766-616-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**766-618-00**	10 pieces
0.53 mm x 0.64 mm / 21 x 25		0.76 mm	**766-620-00**	10 pieces

Nickel titanium (white coated)



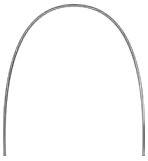


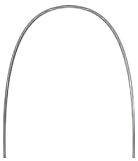
rematitan® LITE White ideal arch, round

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: none

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			**768-014-00**	3 pieces
0.45 mm / 18			**768-016-00**	3 pieces

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			**768-015-00**	3 pieces
0.45 mm / 18			**768-017-00**	3 pieces





rematitan® LITE White ideal arch, rectangular

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: none

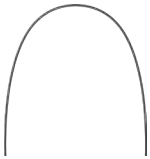
⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**768-018-00**	3 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**768-020-00**	3 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**768-022-00**	3 pieces

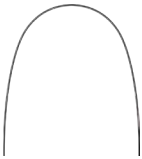
⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**768-019-00**	3 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**768-021-00**	3 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**768-023-00**	3 pieces

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Fixed appliance technique / Arches

Thermo-active nickel titanium (white coated)



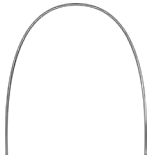


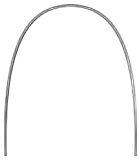
Tensic® White ideal arch, round

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: none

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			**768-026-00**	3 pieces
0.45 mm / 18			**768-028-00**	3 pieces

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			**768-027-00**	3 pieces
0.45 mm / 18			**768-029-00**	3 pieces





Tensic® White ideal arch, rectangular

Strength category: super elastic
Color-coded packaging: orange
Mid-line marking: none

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**768-030-00**	3 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**768-032-00**	3 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**768-034-00**	3 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**768-038-00**	3 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**768-040-00**	3 pieces

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16		0.54 mm	**768-031-00**	3 pieces
0.41 mm x 0.56 mm / 16 x 22		0.62 mm	**768-033-00**	3 pieces
0.43 mm x 0.64 mm / 17 x 25		0.70 mm	**768-035-00**	3 pieces
0.46 mm x 0.64 mm / 18 x 25		0.71 mm	**768-039-00**	3 pieces
0.48 mm x 0.64 mm / 19 x 25		0.73 mm	**768-041-00**	3 pieces

Stainless steel (twisted and braided)



dentaflex® straight wire, round, 3-strand twisted

Strength category: super spring hard · 2500 N/mm² - 2700 N/mm²
Color-coded packaging: red

ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	each 380 mm		**545-738-00**	10 pieces
0.45 mm / 18	each 380 mm		**545-745-00**	10 pieces
0.50 mm / 20	each 380 mm		**545-750-00**	10 pieces



dentaflex® straight wire, round, 6-strand co-axial

Strength category: hard plus · 1600 N/mm² - 1800 N/mm²
Color-coded packaging: red

ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	each 380 mm		**545-638-00**	10 pieces
0.45 mm / 18	each 380 mm		**545-645-00**	10 pieces

Stainless steel (nickel chromium)



remanium® straight wire, round

Strength category: extra spring hard · 2300 N/mm² - 2500 N/mm²
Color-coded packaging: red

ø	Length	Diagonal M.	REF	Quantity
0.35 mm / 14	each 380 mm		**535-035-00**	25 pieces
0.40 mm / 16	each 380 mm		**535-040-00**	25 pieces
0.45 mm / 18	each 380 mm		**535-045-00**	25 pieces



remanium® straight wire, rectangular

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²
Color-coded packaging: red

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	**537-340-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	**537-310-00**	10 pieces
0.43 mm x 0.56 mm / 17 x 22	each 380 mm	0.64 mm	**537-311-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	**537-313-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25	each 380 mm	0.71 mm	**537-314-00**	10 pieces
0.48 mm x 0.48 mm / 19 x 19	each 380 mm	0.62 mm	**535-048-00**	25 pieces
0.51 mm x 0.51 mm / 20 x 20	each 380 mm	0.64 mm	**535-051-00**	25 pieces
0.55 mm x 0.70 mm / 21.5 x 28	each 380 mm	0.81 mm	**537-324-00**	10 pieces

Fixed appliance technique / Straight wires

Stainless steel (nickel chromium)



remanium® straight wire, rectangular

Strength category: spring hard plus · 2000 N/mm² - 2300 N/mm²
Color-coded packaging: red

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	**537-440-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	**537-410-00**	10 pieces
0.43 mm x 0.56 mm / 17 x 22	each 380 mm	0.64 mm	**537-411-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	**537-413-00**	10 pieces
0.46 mm x 0.64 mm / 18 x 25	each 380 mm	0.71 mm	**537-414-00**	10 pieces
0.55 mm x 0.64 mm / 21.5 x 25	each 380 mm	0.76 mm	**537-423-00**	10 pieces
0.55 mm x 0.70 mm / 21.5 x 28	each 380 mm	0.81 mm	**537-424-00**	10 pieces

CoCr



remaloy® straight wire, rectangular

Strength category: hard plus · 1600 N/mm² - 1800 N/mm²
Color-coded packaging: blue

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	**537-540-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	**537-510-00**	10 pieces

Nickel-free titanium molybdenum



rematitan® SPECIAL straight wire, round

Strength category: middle plus · 1100 N/mm² - 1400 N/mm²
Color-coded packaging: yellow

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16	each 380 mm		**766-600-00**	10 pieces
0.45 mm / 18	each 380 mm		**766-601-00**	10 pieces
0.80 mm / 32	each 360 mm		**766-629-00**	10 pieces



rematitan® SPECIAL straight wire, rectangular

Strength category: middle plus · 1100 N/mm² - 1400 N/mm²
Color-coded packaging: yellow

⍁	Length	Diagonal M.	REF	Quantity
0.41 mm x 0.41 mm / 16 x 16	each 360 mm	0.54 mm	**766-633-00**	10 pieces
0.41 mm x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	**766-602-00**	10 pieces
0.43 mm x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	**766-603-00**	10 pieces
0.48 mm x 0.64 mm / 19 x 25	each 380 mm	0.73 mm	**766-604-00**	10 pieces

Nickel titanium



rematitan® LITE wire on coils, round

For gentle levelling in the initial phase immediately after bonding.

Strength category: super elastic

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12	4.5 m		**766-094-00**	1 piece
0.35 mm / 14	4.5 m		**766-095-00**	1 piece
0.40 mm / 16	4.5 m		**766-196-00**	1 piece

Stainless steel (twisted and braided)



dentaflex® wire on coils, round, 3-strand twisted

Strength category: super spring hard · 2500 N/mm² - 2700 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	4 m		**545-738-01**	1 piece
0.45 mm / 18	4 m		**545-745-01**	1 piece



dentaflex® wire on coils, round, 6-strand co-axial

Strength category: super spring hard · 2500 N/mm² - 2700 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.38 mm / 15	4 m		**545-638-01**	1 piece
0.45 mm / 18	4 m		**545-645-01**	1 piece

Stainless steel (nickel chromium)



remanium® wire on coils, round

Strength category: extra spring hard · 2300 N/mm² - 2500 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.35 mm / 14	7.5 m		**530-035-00**	1 piece
0.40 mm / 16	7.5 m		**530-040-00**	1 piece
0.45 mm / 18	7.5 m		**530-045-00**	1 piece

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Fixed appliance technique / Retainer wires

Stainless steel (nickel chromium)



rematain® flat retainer wire

For maxilla and mandible, 6-strand braided.
Easy to adapt, very flat for high level of patient comfort

⍁	Length	Diagonal M.	REF	Quantity
0.25 mm x 0.73 mm / 10 x 29	150 mm	0.77 mm	**530-000-00**	10 pieces

Titanium



Titanium retainer wire, Ti1

For maxilla and mandible, 3-strand twisted.
Grade 1 indicates a very low oxygen content, relative degree of softness and easy adaptation when cold.

ø	Length	Diagonal M.	REF	Quantity
0.44 mm / 17	50 mm		**528-001-01**	10 pieces
0.50 mm / 20	50 mm		**528-000-01**	10 pieces



Titanium retainer wire, Ti5

For maxilla and mandible, 3-strand twisted.
Grade 5 indicates a very high mechanical strength.

ø	Length	Diagonal M.	REF	Quantity
0.44 mm / 17	50 mm		**528-001-00**	10 pieces
0.50 mm / 20	50 mm		**528-000-00**	10 pieces



Titanium retainer wire, Ti1

For maxilla and mandible, 3-strand twisted.
Grade 1 indicates a very low oxygen content, relative degree of softness and easy adaptation when cold.

ø	Length	Diagonal M.	REF	Quantity
0.50 mm / 20	2 m		**528-000-02**	1 piece

Gold



Gold retainer wire

For maxilla and mandible, 3-strand twisted.

ø	Length	Diagonal M.	REF	Quantity
0.50 mm / 20	160 mm		**529-000-00**	1 piece

remanium® lingual retainer, assortment

For lower cuspids 3-3, anatomically preformed.
1 assortment = 20 pieces
Material: stainless steel
ø 0.80 mm / 32

REF 728-500-00	1 assortment

Contents:

4 x lingual retainer, 22 mm	REF 728-501-00
4 x lingual retainer, 24 mm	REF 728-502-00
4 x lingual retainer, 26 mm	REF 728-503-00
4 x lingual retainer, 28 mm	REF 728-504-00
4 x lingual retainer, 30 mm	REF 728-505-00



remanium® lingual retainer

For lower cuspids 3-3, anatomically preformed.
The stated length conforms with the transverse distance of both lower cuspids.
Material: stainless steel



ø	Length	REF	Quantity
0.80 mm / 32	22 mm	**728-501-00**	5 pieces
0.80 mm / 32	24 mm	**728-502-00**	5 pieces
0.80 mm / 32	26 mm	**728-503-00**	5 pieces
0.80 mm / 32	28 mm	**728-504-00**	5 pieces
0.80 mm / 32	30 mm	**728-505-00**	5 pieces

prime4me® RETAIN3R maxilla*

Unique fit using a three-dimensional construction design and highest biocompatibility: milled retainer in grade 5 titanium. Can be ordered together with prime4me® RETAIN3R optionally: Transfer tray for prime4me® RETAIN3R for placement in the mouth.

REF 430-120-30	1 piece



prime4me® RETAIN3R mandible*

Unique fit using a three-dimensional construction design and highest biocompatibility: milled retainer in grade 5 titanium. Can be ordered together with prime4me® RETAIN3R optionally: Transfer tray for prime4me® RETAIN3R for placement in the mouth.

REF 430-120-40	1 piece



* Availability may vary depending on the country. Please ask your local representative.

Fixed appliance technique / Accessories



remanium® ligature wire

Material: stainless steel
Strength category: soft · ≤ 800 N/mm²

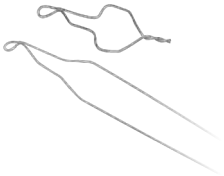
ø	Length	REF	Quantity
0.25 mm / 10	80 m	**500-025-00**	1 piece
0.25 mm / 10	1160 m	**501-025-00**	1 piece
0.30 mm / 12	60 m	**500-030-00**	1 piece
0.40 mm / 16	30 m	**500-040-00**	1 piece
0.50 mm / 20	50 m	**503-050-00**	1 piece
0.50 mm / 20	320 m	**501-050-00**	1 piece



remanium® preformed ligature

Material: stainless steel
Strength category: soft · ≤ 800 N/mm²

Version	ø	REF	Quantity
short	0.25 mm / 10	**751-000-00**	1000 pieces
long	0.25 mm / 10	**751-001-00**	1000 pieces



remanium® Kobayashi ligature

With hook for elastics.
Material: stainless steel
Strength category: soft · ≤ 800 N/mm²

Version	ø	REF	Quantity
short	0.30 mm / 12	**751-005-00**	100 pieces
short	0.35 mm / 14	**751-004-00**	100 pieces
long	0.30 mm / 12	**751-003-00**	100 pieces



Ligature White, short

Material: stainless steel
Strength category: soft · ≤ 800 N/mm²

ø	REF	Quantity
0.30 mm / 12	**768-036-00**	100 pieces

Kobayashi White ligature, short



With hook for elastics.
Material: stainless steel
Strength category: soft · ≤ 800 N/mm²

ø	REF	Quantity
0.40 mm / 16	**768-037-00**	20 pieces

remanium® tension spring



Material: stainless steel

Outer ø	Inner ø	Length	REF	Quantity
1.15 mm / 45	0.70 mm / 28	1 m	**758-165-00**	1 piece
1.21 mm / 48	0.75 mm / 30	1 m	**758-175-00**	1 piece
1.66 mm / 66	1.20 mm / 47	10 mm	**758-180-00**	6 pieces

rematitan® LITE tension spring



Advantages:
- high elasticity with virtually constant restoring force
- fatigue-free, low, uniform transfer of forces

With eyelets for easy engagement.
Material: nickel titanium
Strength category: super elastic

Outer ø	Inner ø	Length with eyelets	Wire strength ø	REF	Quantity
1.26 mm / 50	0.76 mm / 30	9 mm	0.25 mm / 10	**758-160-00**	10 pieces
1.26 mm / 50	0.76 mm / 30	12 mm	0.25 mm / 10	**758-161-00**	10 pieces



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Fixed appliance technique / Accessories



Cuspid retraction spring

acc. to Ladanyi
For distalizing cuspids.
Material: stainless steel

Quadrant	REF	Quantity
upper right / lower left	**758-861-00**	10 pieces
upper left / lower right	**758-862-00**	10 pieces

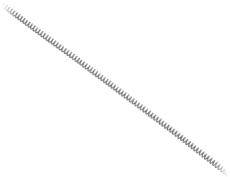




remanium® compression spring

Material: stainless steel

Outer ø	Inner ø	Length	REF	Quantity
1.16 mm / 45	0.70 mm / 28	1 m	**758-365-00**	1 piece
1.21 mm / 48	0.75 mm / 30	1 m	**758-375-00**	1 piece
1.66 mm / 66	1.20 mm / 47	15 mm	**758-380-00**	6 pieces



rematitan® LITE compression spring

Advantages:
- high elasticity with virtually constant restoring force
- fatigue-free, low, uniform transfer of forces

May be individually shortened.
Material: nickel titanium
Strength category: super elastic

Inner ø	Length	Wire strength ø	Force	REF	Quantity
0.76 mm / 30	18 cm	0.25 mm / 10	light	**758-360-00**	3 pieces
1.14 mm / 45	18 cm	0.25 mm / 10	light	**758-367-00**	3 pieces
0.76 mm / 30	18 cm	0.30 mm / 12	medium	**758-361-00**	3 pieces
1.00 mm / 40	18 cm	0.30 mm / 12	medium	**758-368-00**	3 pieces
0.90 mm / 36	18 cm	0.35 mm / 14	heavy	**758-362-00**	3 pieces



Jaw fracture splint

With hooks.
Material: stainless steel

REF 402-253-00	1 m



Sliding tubes, round

Closed with hook. For lip bumper etc.
Material: stainless steel



Inner ø	Length	REF	Quantity
0.60 mm / 23	2 mm	**480-803-00**	10 pieces
0.90 mm / 36	2 mm	**480-809-00**	10 pieces

Sliding tubes, rectangular

Slotted with hook. Can be placed directly on the archwire and crimped in place with removing ligature. Universal application for the 18/22 technique.
Material: stainless steel



Quadrant	REF	Quantity
upper right / lower left	**480-619-00**	10 pieces
upper left / lower right	**480-620-00**	10 pieces

Sliding tubes, rectangular

Slotted with wire ø 0.7 mm, spring hard.
Can be placed directly on the arch wire and crimped in place without removing ligature.
Universal application for the 18/22 technique.
Material: stainless steel



Quadrant	REF	Quantity
upper / lower right and left	**480-621-00**	10 pieces
upper / lower right and left	**480-621-02**	2 pieces

Crimping pliers

sterilizable
Tip with V-shaped notch for holding and crimping sliding/clamping and stop tubes.
Premium-Line · 10 year guarantee

REF 003-711-00	1 piece



Fixed appliance technique / Accessories



Cross tube

Transverse connection between two small rectangular tubes for joining two wires without welding. Ideal for stainless steel or titanium connections.
Horizontal tube:
Overall length: 4.0 mm
Inner ⍁ 0.46 mm x 0.64 mm / 18 x 25
Vertical tube:
Overall length: 2.0 mm
Inner ⍁ 0.56 mm x 0.70 mm / 22 x 28
Material: stainless steel

REF 480-000-00	10 pieces



Cross tube

Transverse connection between two small rectangular tubes for joining two wires without welding. Ideal for stainless steel or titanium connections.
Horizontal tube:
Overall length: 4.0 mm
Inner ⍁: 0.56 mm x 0.70 mm / 22 x 28
Vertical tube:
Overall length: 2.0 mm
Inner ⍁: 0.56 mm x 0.70 mm / 22 x 28
Material: stainless steel

REF 480-100-00	10 pieces



Rectangular tube

For use with suprastructures in orthodontic implantology for holding wires and springs.
Material: stainless steel

Inner ⍁	Length	REF	Quantity
0.56 mm x 0.70 mm / 22 x 28	5 mm	**480-022-00**	10 pieces



Stop tubes, slotted

Prevents slipping within the bracket buccal tube assembly with nickel titanium arches or as stop for compression springs.
Material: stainless steel

⍁	REF	Quantity
0.46 mm x 0.64 mm / 18 x 25	**480-617-01**	100 pieces
0.56 mm x 0.70 mm / 22 x 28	**480-618-01**	100 pieces



Archwire holder for preformed arches

For 11 different arches.
Especially hygienic due to protective cover.
Material: acrylic
Dimensions: 25.3 cm x 11.0 cm x 10.3 cm (W x H x D)

REF 055-104-00	1 piece

Stainless steel (nickel chromium)



remanium® straight wire, round

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²
Color-coded packaging: red

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16	each 380 mm		**525-040-00**	25 pieces
0.50 mm / 20	each 380 mm		**535-002-00**	25 pieces
0.60 mm / 23	each 380 mm		**535-003-00**	25 pieces
0.70 mm / 28	each 300 mm		**527-070-00**	25 pieces
0.70 mm / 28	each 190 mm		**527-005-00**	900 pieces
0.70 mm / 28	each 150 mm		**527-004-00**	1100 pieces
0.75 mm / 30	each 380 mm		**535-005-00**	25 pieces
0.80 mm / 31	each 300 mm		**527-080-00**	25 pieces
0.80 mm / 31	each 150 mm		**527-006-00**	875 pieces
0.90 mm / 36	each 300 mm		**527-090-00**	25 pieces
1.00 mm / 39	each 300 mm		**527-100-00**	25 pieces
1.15 mm / 45	each 380 mm		**535-009-00**	25 pieces

CoCr



remaloy® straight wire, round

Recommended for Quad Helix, Crozat appliances, palatal and lingual bars etc.
Can be heat treated · 450 °C / 842 °F for about 5 min
Strength category: hard · 1400 N/mm² - 1600 N/mm²
Color-coded packaging: blue

ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	each 380 mm		**528-070-00**	10 pieces
0.80 mm / 31	each 380 mm		**528-080-00**	10 pieces
0.90 mm / 36	each 380 mm		**528-090-00**	10 pieces
1.00 mm / 39	each 380 mm		**528-100-00**	10 pieces
1.10 mm / 43	each 380 mm		**528-110-00**	10 pieces
1.20 mm / 47	each 380 mm		**528-120-00**	10 pieces
1.30 mm / 51	each 380 mm		**528-130-00**	10 pieces
1.50 mm / 59	each 380 mm		**528-150-00**	10 pieces

Removable appliance technique / Straight wires

CoCr



remaloy® straight wire, half-round

Can be heat treated · 450 °C / 842 °F for about 5 min
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²
Color-coded packaging: blue

ø	Length	Diagonal M.	REF	Quantity
1.50 mm x 0.75 mm / 59 x 30	each 380 mm		**528-155-00**	10 pieces
1.75 mm x 0.90 mm / 69 x 36	each 380 mm		**528-158-00**	10 pieces



remaloy® straight wire, rectangular rounded

With rounded edges, for use as TPA or reinforcing bow.
Can be heat treated · 450 °C / 842 °F for about 5 min
Strength category: hard plus · 1600 N/mm² - 1800 N/mm²
Color-coded packaging: blue

ø	Length	Diagonal M.	REF	Quantity
1.92 mm x 0.90 mm / 76 x 36	each 380 mm		**528-159-00**	10 pieces

Stainless steel (nickel chromium)



remanium® laboratory coil, round

Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	30 m		**513-070-00**	1 piece
0.80 mm / 31	20 m		**513-080-00**	1 piece
0.90 mm / 36	10 m		**513-090-00**	1 piece
1.00 mm / 39	10 m		**513-100-00**	1 piece
1.20 mm / 47	10 m		**513-120-00**	1 piece
1.50 mm / 59	10 m		**513-150-00**	1 piece



remanium® clinical coil, round

Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	165 m		**514-070-00**	1 piece
0.80 mm / 31	125 m		**514-080-00**	1 piece
0.90 mm / 36	100 m		**514-090-00**	1 piece
1.00 mm / 39	80 m		**514-100-00**	1 piece



remanium® laboratory coil, round

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16	30 m		**521-040-00**	1 piece
0.50 mm / 20	50 m		**523-050-00**	1 piece
0.60 mm / 23	40 m		**523-060-00**	1 piece
0.70 mm / 28	30 m		**523-070-00**	1 piece
0.80 mm / 31	20 m		**523-080-00**	1 piece
0.90 mm / 36	10 m		**523-090-00**	1 piece
1.00 mm / 39	10 m		**523-100-00**	1 piece
1.10 mm / 43	10 m		**523-110-00**	1 piece
1.20 mm / 47	10 m		**523-120-00**	1 piece
1.50 mm / 59	10 m		**523-150-00**	1 piece



remanium® clinical coil, round

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.60 mm / 23	225 m		**524-060-00**	1 piece
0.70 mm / 28	165 m		**524-070-00**	1 piece
0.80 mm / 31	125 m		**524-080-00**	1 piece
0.90 mm / 36	100 m		**524-090-00**	1 piece
1.00 mm / 39	80 m		**524-100-00**	1 piece
1.10 mm / 43	70 m		**524-110-00**	1 piece

Removable appliance technique / Wires on coils

Stainless steel (nickel chromium)



remanium® wire on coils, half-round

Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	Diagonal M.	REF	Quantity
1.30 mm x 0.65 mm / 51 x 26	10 m		**308-513-00**	1 piece
1.50 mm x 0.75 mm / 59 x 30	10 m		**308-515-00**	1 piece
1.75 mm x 0.90 mm / 69 x 36	10 m		**308-518-00**	1 piece
2.00 mm x 1.00 mm / 79 x 40	10 m		**308-520-00**	1 piece



remanium® clinical coil, half-round

Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	Diagonal M.	REF	Quantity
1.30 mm x 0.65 mm / 51 x 26	90 m		**308-713-00**	1 piece
1.50 mm x 0.75 mm / 59 x 30	65 m		**308-715-00**	1 piece
1.75 mm x 0.90 mm / 69 x 36	50 m		**308-718-00**	1 piece



remanium® wire on coils, oval

Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	Diagonal M.	REF	Quantity
2.40 mm x 1.40 mm / 95 x 55	10 m		**385-624-00**	1 piece
3.00 mm x 1.50 mm / 118 x 59	10 m		**385-630-00**	1 piece

Nickel-free* stainless steel



Noninium® wire on coils, round

Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	30 m		**520-070-10**	1 piece
0.80 mm / 31	20 m		**520-080-10**	1 piece
0.90 mm / 36	10 m		**520-090-10**	1 piece
1.20 mm / 47	10 m		**520-120-10**	1 piece

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



Noninium® wire on coils, round

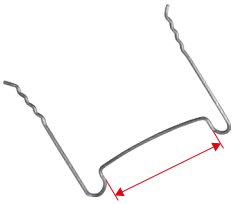
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²

ø	Length	Diagonal M.	REF	Quantity
0.60 mm / 23	40 m		**520-062-10**	1 piece
0.70 mm / 28	30 m		**520-072-10**	1 piece
0.80 mm / 31	20 m		**520-082-10**	1 piece
0.90 mm / 36	10 m		**520-092-10**	1 piece

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

Noninium® standard labial arch

Material: nickel-free* stainless steel
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²



ø	Length mesial-mesial	REF	Quantity
0.80 mm / 31	28 mm	**621-028-01**	10 pieces
0.80 mm / 31	31 mm	**621-031-01**	10 pieces
0.80 mm / 31	34 mm	**621-034-01**	10 pieces
0.80 mm / 31	37 mm	**621-037-01**	10 pieces
0.80 mm / 31	40 mm	**621-040-01**	10 pieces
0.80 mm / 31	43 mm	**621-043-01**	10 pieces
0.80 mm / 31	46 mm	**621-046-01**	10 pieces

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

Noninium® Adams clasp, assortment

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²
1 assortment = 250 pieces
Material: nickel-free* stainless steel
ø 0.70 mm / 28

REF 621-500-01	1 assortment
	Contents:
30 x Adams clasp, 7 mm	REF 621-404-01
30 x Adams clasp, 8 mm	REF 621-405-01
40 x Adams clasp, 9 mm	REF 621-406-01
60 x Adams clasp, 10 mm	REF 621-407-01
60 x Adams clasp, 11 mm	REF 621-408-01
30 x Adams clasp, 12 mm	REF 621-409-01
1 x ruler	REF 766-000-00

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



Noninium® Adams clasp

Material: nickel-free* stainless steel
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²



ø	Length mesial-distal	REF	Quantity
0.70 mm / 28	7 mm	**621-404-01**	10 pieces
0.70 mm / 28	8 mm	**621-405-01**	10 pieces
0.70 mm / 28	9 mm	**621-406-01**	10 pieces
0.70 mm / 28	10 mm	**621-407-01**	10 pieces
0.70 mm / 28	11 mm	**621-408-01**	10 pieces
0.70 mm / 28	12 mm	**621-409-01**	10 pieces

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

Removable appliance technique / Accessories



Noninium® triangular clasp

Material: nickel-free* stainless steel
Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	REF	Quantity
0.70 mm / 28	each 36 mm	**621-300-01**	100 pieces

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



Noninium® arrow clasp

Material: nickel-free* stainless steel
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²

ø	Length	REF	Quantity
0.70 mm / 28	each 41 mm	**621-200-01**	100 pieces

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

Noninium® ball retainer clasp

Material: nickel-free* stainless steel
Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	REF	Quantity
0.70 mm / 28	each 38 mm	**620-207-02**	100 pieces
0.80 mm / 32	each 38 mm	**620-208-02**	100 pieces
0.90 mm / 36	each 38 mm	**620-209-02**	100 pieces

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

remanium® ball retainer clasp

Material: stainless steel
Strength category: hard · 1400 N/mm² - 1600 N/mm²

ø	Length	REF	Quantity
0.70 mm / 28	each 38 mm	**620-107-00**	100 pieces
0.80 mm / 31	each 38 mm	**620-108-00**	100 pieces
0.90 mm / 36	each 38 mm	**620-109-00**	100 pieces
1.00 mm / 39	each 38 mm	**620-110-00**	100 pieces

Guide pin

acc. to G. Müller®
Guide pin between upper and lower plates intended for bite correction of Angle Class II + Class III.
Material: stainless steel

REF 607-204-00	2 pieces
REF 607-204-30	20 pieces



Guide pin

acc. to Hinz
Material: stainless steel

ø	REF	Quantity	REF	Quantity
1.50 mm / 59	**607-202-00**	1 piece	**607-202-30**	10 pieces



Lingual bar

Anatomically shaped e.g. for occlusion plates.
Material: stainless steel

Length	Dimensions	REF	Quantity
6 cm	3.0 mm x 1.5 mm	**311-306-30**	10 pieces
7 cm	3.0 mm x 1.5 mm	**311-307-30**	10 pieces
8 cm	3.0 mm x 1.5 mm	**311-308-30**	10 pieces



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Removable appliance technique / Accessories



Strengthener

Twisted and rolled flat.
Material: stainless steel

Length	⍁	REF	Quantity
10 m	1.8 mm x 0.8 mm	**312-106-00**	1 piece
10 m	2.4 mm x 0.8 mm	**312-107-00**	1 piece



Stainless steel tube

Round
Material: stainless steel

Inner ø	Length	REF	Quantity
0.50 mm / 20	30 cm	**480-001-00**	1 piece
0.60 mm / 23	30 cm	**480-003-00**	1 piece
0.70 mm / 28	30 cm	**480-005-00**	1 piece
0.80 mm / 31	30 cm	**480-007-00**	1 piece
0.90 mm / 36	30 cm	**480-009-00**	1 piece
1.00 mm / 39	30 cm	**480-011-00**	1 piece
1.10 mm / 43	30 cm	**480-013-00**	1 piece
1.20 mm / 47	30 cm	**480-015-00**	1 piece
1.30 mm / 51	30 cm	**480-017-00**	1 piece



remanium® Goshgarian palatal bars, assortment

Strength category: hard · 1400 N/mm² - 1600 N/mm²
Reverse Loop – mesial
The inverted loop is better for suppressing the gag reflex.
Enables controllable movements of upper molars.
1 assortment = 30 pieces
Material: stainless steel
ø 0.90 mm / 36

REF 728-020-00	1 assortment

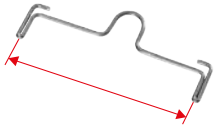
Contents:

5 x palatal bars, 37 mm	REF 728-021-00
5 x palatal bars, 40 mm	REF 728-022-00
5 x palatal bars, 43 mm	REF 728-023-00
5 x palatal bars, 46 mm	REF 728-024-00
5 x palatal bars, 49 mm	REF 728-025-00
5 x palatal bars, 52 mm	REF 728-026-00

remanium® Goshgarian palatal bars

Reverse Loop – mesial

The inverted loop is better for suppressing the gag reflex.
Enables controllable movements of upper molars.
Material: stainless steel
Strength category: hard · 1400 N/mm² - 1600 N/mm²

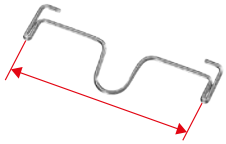


ø	Size	REF	Quantity
0.90 mm / 36	1 = 37 mm	**728-021-00**	10 pieces
0.90 mm / 36	2 = 40 mm	**728-022-00**	10 pieces
0.90 mm / 36	3 = 43 mm	**728-023-00**	10 pieces
0.90 mm / 36	4 = 46 mm	**728-024-00**	10 pieces
0.90 mm / 36	5 = 49 mm	**728-025-00**	10 pieces
0.90 mm / 36	6 = 52 mm	**728-026-00**	10 pieces

remanium® Goshgarian palatal bars

Standard Loop – distal

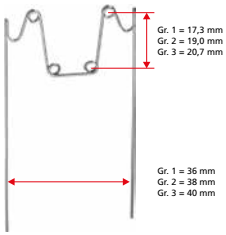
Enables controllable movement of upper molars.
Material: stainless steel
Strength category: hard · 1400 N/mm² - 1600 N/mm²



ø	Size	REF	Quantity
0.90 mm / 36	1 = 34 mm	**728-005-00**	10 pieces
0.90 mm / 36	2 = 37 mm	**728-006-00**	10 pieces
0.90 mm / 36	3 = 41 mm	**728-007-00**	10 pieces
0.90 mm / 36	4 = 45 mm	**728-008-00**	10 pieces
0.90 mm / 36	5 = 47 mm	**728-013-00**	10 pieces
0.90 mm / 36	6 = 49 mm	**728-014-00**	10 pieces
0.90 mm / 36	7 = 52 mm	**728-015-00**	10 pieces

remanium® Quad Helix

Removable; for insertion into palatal sheaths on the upper molars.
Application: for expansion of posterior segments
Material: stainless steel
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²



ø	Length	Size	REF	Quantity
0.90 mm / 36	17.3 mm	1 = 36 mm	**728-100-01**	10 pieces
0.90 mm / 36	19.0 mm	2 = 38 mm	**728-101-01**	10 pieces
0.90 mm / 36	20.7 mm	3 = 40 mm	**728-102-01**	10 pieces

Palatal and lingual arch systems



Orthorama® palatal arches, assortment

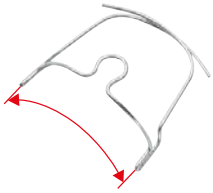
1 assortment = 10 pieces

Material: CoCr

REF 728-205-00	1 assortment

Contents:

2 x Orthorama® palatal arch, 40 mm	REF 728-200-00
2 x Orthorama® palatal arch, 45 mm	REF 728-201-00
2 x Orthorama® palatal arch, 50 mm	REF 728-202-00
2 x Orthorama® palatal arch, 55 mm	REF 728-203-00
2 x Orthorama® palatal arch, 60 mm	REF 728-204-00
1 x ruler	REF 766-000-00



Orthorama® palatal arch

Material: CoCr

ø	Size	REF	Quantity
0.90 mm / 36	1 = 40 mm	**728-200-00**	10 pieces
0.90 mm / 36	2 = 45 mm	**728-201-00**	10 pieces
0.90 mm / 36	3 = 50 mm	**728-202-00**	10 pieces
0.90 mm / 36	4 = 55 mm	**728-203-00**	10 pieces
0.90 mm / 36	5 = 60 mm	**728-204-00**	10 pieces



Orthorama® lingual arches, assortment

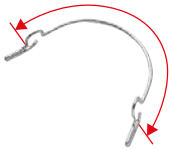
1 assortment = 18 pieces

Material: CoCr

REF 728-215-00	1 assortment

Contents:

2 x Orthorama® lingual arch, 48 mm	REF 728-206-00
2 x Orthorama® lingual arch, 51 mm	REF 728-207-00
2 x Orthorama® lingual arch, 54 mm	REF 728-208-00
2 x Orthorama® lingual arch, 57 mm	REF 728-209-00
2 x Orthorama® lingual arch, 60 mm	REF 728-210-00
2 x Orthorama® lingual arch, 63 mm	REF 728-211-00
2 x Orthorama® lingual arch, 66 mm	REF 728-212-00
2 x Orthorama® lingual arch, 69 mm	REF 728-213-00
2 x Orthorama® lingual arch, 72 mm	REF 728-214-00
1 x ruler	REF 766-000-00



Orthorama® lingual arch

Material: CoCr

ø	Size	REF	Quantity
0.90 mm / 36	1 = 48 mm	**728-206-00**	10 pieces
0.90 mm / 36	2 = 51 mm	**728-207-00**	10 pieces
0.90 mm / 36	3 = 54 mm	**728-208-00**	10 pieces
0.90 mm / 36	4 = 57 mm	**728-209-00**	10 pieces
0.90 mm / 36	5 = 60 mm	**728-210-00**	10 pieces
0.90 mm / 36	6 = 63 mm	**728-211-00**	10 pieces
0.90 mm / 36	7 = 66 mm	**728-212-00**	10 pieces
0.90 mm / 36	8 = 69 mm	**728-213-00**	10 pieces
0.90 mm / 36	9 = 72 mm	**728-214-00**	10 pieces

Palatal and lingual arch systems

Orthorama® Multi-Action lingual arches assortment

1 assortment = 8 pieces

Material: CoCr

REF 728-222-00	1 assortment

Contents:

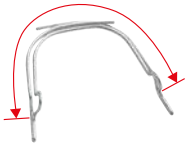
2 x Orthorama® Multi-Action lingual arch, 53 mm	REF 728-218-00
2 x Orthorama® Multi-Action lingual arch, 57 mm	REF 728-219-00
2 x Orthorama® Multi-Action lingual arch, 61 mm	REF 728-220-00
2 x Orthorama® Multi-Action lingual arch, 65 mm	REF 728-221-00
1 x ruler	REF 766-000-00



Orthorama® Multi-Action lingual arch

Material: CoCr

ø	Size	REF	Quantity
0.90 mm / 36	1 = 53 mm	**728-218-00**	10 pieces
0.90 mm / 36	2 = 57 mm	**728-219-00**	10 pieces
0.90 mm / 36	3 = 61 mm	**728-220-00**	10 pieces
0.90 mm / 36	4 = 65 mm	**728-221-00**	10 pieces



Orthorama® sectional arch

Material: CoCr

Version	REF	Quantity
with Omega loop	**728-216-00**	10 pieces
without Omega loop	**728-217-00**	10 pieces



Orthorama® transfer system

The indirect transfer system permits the precise fitting of an Orthorama® palatal or lingual arch onto a plaster model, as well as the identical transfer of the palatal or lingual sheath's position in the mouth onto the model.

Material: stainless steel

REF 728-400-00	10 pairs

Contents:

10 x transfer jigs	REF 728-401-00
10 x retention band	REF 728-402-00





Orthorama® transfer jig

Material: stainless steel

REF 728-401-00	10 pieces



Orthorama® retention band

Material: stainless steel

REF 728-402-00	10 pieces



Class II appliances

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tomas® / Pins	Page	254



Class II appliances.

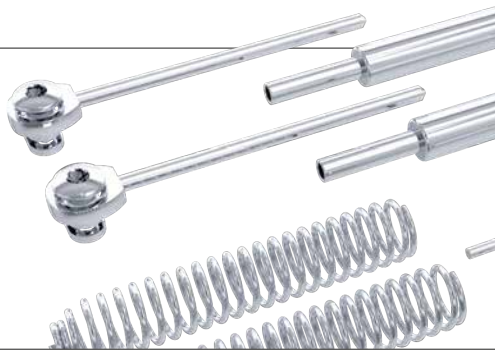
Achieve Class I successfully.



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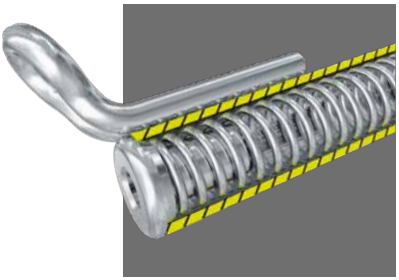
SUS3
Sabbagh Universal Spring

The ideal path
to achieving Class I.



SUS³ – first-class treatment for your Class II patients.

The SUS³ Sabbagh Universal Spring is a telescope appliance with spring for universal intermaxillary use when treating Class II. It provides a perfect alternative for patients with compliance issues. The SUS³ acts with constant, gentle forces, mainly horizontal, on the temporomandibular joint, and can help to avoid the need for some extractions and dysgnathic surgery.







Indications:

- Distoclusion/Class II (unilateral/bilateral).
- Molar distalization (headgear substitute).
- Dentoalveolar compensation of the occlusion (elastics substitute).
- Midline displacement.
- Gap closure (aplasia)/anchorage (alternative to mini screws).
- Alternative to dysgnathia operation.
- Temporomandibular joint disorder and craniomandibular dysfunction (repositioning effect).
- Therapy for snoring and sleep apnea.

The ideal solution for patients with:

- poor compliance.
- minimal residual growth.
- hindrance to using removable appliances.
- illnesses to the primary respiratory tract or asthma.
- allergy to components in acrylic.
- disability.

Herbst bite jumping hinges.

Safe, proven, effective.



The classic correction of distoclusions.

Dentaurum's program consists of four versions of the proven Herbst bite jumping hinge. Each of the versions has a high mechanical stability and an excellent finish which guarantee adequate safety reserves for an effective therapy, even when under great stress.





Herbst TS.

This Herbst version is fitted with an inner telescope. This prevents the hinge from sliding apart.

The new laser markings on the telescopic element indicating size and side guarantee clear allocation to the jaw.

Herbst I.

Classic retention hinge for welding to bands.

The Dentaurum Herbst I bite jumping hinge is the classic version that is welded onto bands or cast splints, depending on the aim of the treatment and the experience of the orthodontist. This means maximum flexibility and enables individual treatment.

Herbst II.

Modification of classic appliance for fixing onto the archwire of multi-bracket appliances.

Herbst IV.

Modified version with ball and socket joint and C-clips for fixing. Greater lateral freedom of movement.

This clever solution opens up a new dimension of movement in the mandible during treatment with Herbst bite jumping hinges since the ball and socket joint on Herbst IV greatly improves patient comfort.

The C-clips mean screws need not be screwed in place on the Dentaurum Herbst IV retention hinge. This makes it easier to handle and offers in particular more security.

SUS³ – Sabbagh Universal Spring



SUS³ starter set



REF 607-160-00	1 set

Contents:

2 x SUS³ telescope element	REF 607-157-00
2 x SUS³ telescope rod, assembled	REF 607-158-00
2 x SUS³ ball retainer clasp, ø 1.0 mm	REF 607-154-00
2 x SUS³ turbo spring (stainless steel), length 27 mm	REF 607-156-00
2 x spacer ring, crimpable, length 1 mm	REF 607-103-11
2 x spacer ring, crimpable, length 2 mm	REF 607-104-11
1 x hexagon socket key 1.5	REF 607-144-00



SUS³ set

An Allen key is not included in the delivery.



REF 607-165-00	1 set

Contents:

2 x SUS³ telescope element	REF 607-157-00
2 x SUS³ telescope rod, assembled	REF 607-158-00
2 x SUS³ ball retainer clasp, ø 1.0 mm	REF 607-154-00
2 x SUS³ turbo spring (stainless steel), length 27 mm	REF 607-156-00
2 x spacer ring, crimpable, length 1 mm	REF 607-103-11
2 x spacer ring, crimpable, length 2 mm	REF 607-104-11



SUS³ telescope rod, assembled

REF 607-158-00	2 pieces

Contents:

2 x SUS³ arch adapter / fixing screw (1 pair)	REF 607-153-00
2 x SUS³ telescope rod	REF 607-159-00



SUS³ telescope rod

REF 607-159-00	2 pieces



SUS³ arch adapter / fixing screw

REF 607-153-00	1 pair



SUS³ telescope element

REF 607-157-00	1 piece

SUS³ – Sabbagh Universal Spring

SUS³ turbo spring (stainless steel)
Length: 27 mm

REF 607-156-00	6 pieces



SUS³ compression spring (stainless steel)
Length: 15 mm

REF 607-151-00	6 pieces



SUS³ distance spring
Length: 10 mm

REF 607-152-00	6 pieces



Crimping pliers, for Herbst TS / SUS
sterilizable
For clamping slotted spacers for Herbst TS and SUS.
Premium-Line · 10 year guarantee

REF 003-710-00	1 piece



SUS³ ball retainer clasp
Shaft ø: 1 mm
Head ø: 2.1 mm
Length: 18 mm

REF 607-154-00	10 pieces



Spacer ring, crimpable

Length	for	REF	Quantity
1 mm	Herbst TS, SUS	**607-103-11**	10 pieces
2 mm	Herbst TS, SUS	**607-104-11**	10 pieces
3 mm	Herbst TS, SUS	**607-105-11**	10 pieces
4 mm	Herbst TS, SUS	**607-107-11**	10 pieces



Hexagon socket key 1.5
sterilizable

Key width	for	REF	Quantity
1.5 mm	Herbst TS / I / II, SUS	**607-144-00**	1 piece



Herbst bite jumping hinges / Sets



Herbst TS set

Telescope system. For welding onto bands or cast splints.

Contents:

- 1 x telescopic tube, right
- 1 x telescopic tube, left
- 4 x hexagon socket screw
- 4 x F-base

A hex key is not included in the set!

Length	REF	Quantity
20 mm	**607-126-20**	1 set
22 mm	**607-126-22**	1 set
24 mm	**607-126-24**	1 set

Please note that we offer a welding service for double bands for the Herbst technique free of charge. Please contact your local medical product advisor.





Herbst I set

With hexagon socket screws.

For welding onto bands or cast splints.

A hex key is not included in the set!



REF 607-120-00	1 set

Contents:

1 x telescopic tube, right	REF 607-121-00
1 x telescopic tube, left	REF 607-122-00
2 x telescopic rod	REF 607-124-00
4 x hexagon socket screw	REF 607-122-30
4 x F-base	REF 607-127-30

Please note that we offer a welding service for double bands for the Herbst technique free of charge. Please contact your local medical product advisor.



Herbst II set

With hexagon socket screws.

To fix onto arch wires with the multi-bracket technique.

A hex key is not included in the set!



REF 607-108-00	1 set

Contents:

1 x telescopic tube, right	REF 607-121-00
1 x telescopic tube, left	REF 607-122-00
2 x telescopic rod	REF 607-124-00
2 x hexagon socket screw, short	REF 607-108-10
2 x hexagon socket screw, long	REF 607-108-20
4 x pivot	REF 607-111-00

Herbst IV set

With ball head.

For welding onto bands or cast splints. Big lateral movement. It is retained on the base using lock washers. No screw retention and consequently no lost screws. Great patient comfort.

Contents:

- 2 x telescopic tube with ball and socket joint
- 2 x telescopic rod with ball head
- 2 x coupling for ball head
- 4 x base
- 10 x C-clip, lock washer



REF 607-115-00	1 set

Please note that we offer a welding service for double bands for the Herbst technique free of charge. Please contact your local medical product advisor.



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Herbst bite jumping hinges / Accessories



Hexagon socket screw

Version	for	REF	Quantity
with base	Herbst TS / I	**607-121-30**	10 pairs
without base	Herbst TS / I	**607-122-30**	10 pieces
with short shank and tip	Herbst II	**607-108-10**	10 pieces
with long shank and tip	Herbst II	**607-108-20**	10 pieces



Slotted screw

Version	for	REF	Quantity
with base	Herbst TS / I	**607-101-00**	10 pairs
without base	Herbst TS / I	**607-102-00**	10 pieces
with short shank and tip	Herbst II	**607-109-00**	10 pieces
with long shank and tip	Herbst II	**607-110-00**	10 pieces



Lock washer

Designation	for	REF	Quantity
C-clip	Herbst IV	**607-116-00**	10 pieces

Base / pivot

Designation	for	REF	Quantity
F-base, form concave	Herbst TS / I	**607-127-30**	10 pieces
Base, form cylindrical	Herbst TS / I	**607-117-00**	10 pieces
Base, curved inner shape	Herbst IV	**607-118-00**	10 pieces
Pivot	Herbst II	**607-111-00**	10 pieces



Telescopic tube

Designation	for	REF	Quantity
Telescopic tube, right	Herbst I / II	**607-121-00**	1 piece
Telescopic tube, left	Herbst I / II	**607-122-00**	1 piece
Telescopic tube with ball joint	Herbst IV	**607-125-00**	1 piece



Telescopic rod

Designation	for	REF	Quantity
Telescopic rod	Herbst I / II	**607-124-00**	1 piece
Telescopic rod with ball head	Herbst IV	**607-128-00**	1 piece



Herbst bite jumping hinges / Accessories



Spacer ring

For Herbst I to IV.

Length	for	REF	Quantity
1 mm	Herbst I / II / IV	**607-103-00**	10 pieces
2 mm	Herbst I / II / IV	**607-104-00**	10 pieces
3 mm	Herbst I / II / IV	**607-105-00**	10 pieces
4 mm	Herbst I / II / IV	**607-107-00**	10 pieces
5 mm	Herbst I / II / IV	**607-112-00**	10 pieces



Spacer ring, crimpable

Length	for	REF	Quantity
1 mm	Herbst TS, SUS	**607-103-11**	10 pieces
2 mm	Herbst TS, SUS	**607-104-11**	10 pieces
3 mm	Herbst TS, SUS	**607-105-11**	10 pieces
4 mm	Herbst TS, SUS	**607-107-11**	10 pieces



Crimping pliers, for Herbst TS / SUS

sterilizable

For clamping slotted spacers for Herbst TS and SUS.

Premium-Line · 10 year guarantee

REF 003-710-00	1 piece



Hexagon socket key 1.5

sterilizable

Key width	for	REF	Quantity
1.5 mm	Herbst TS / I / II, SUS	**607-144-00**	1 piece



Hexagon socket key

Only intended for use in the laboratory!

Key width	for	REF	Quantity
1.5 mm	Herbst TS / I	**607-123-10**	1 piece

amda® starter set (assembled)

Skeletally anchored appliance for the distalization of molars with the tomas®-pin EP.





REF 607-180-00	1 set

Contents:

1 x amda® telescope (2 pieces)	REF 607-181-02
1 x amda® connector, pair 7 mm	REF 607-184-07
1 x amda® connector, pair 10 mm	REF 607-184-10
1 x amda® connector, pair 13 mm	REF 607-184-13
1 x amda® palatal arch	REF 607-185-01
1 x hexagon socket key 0.9	REF 607-129-00

amda® / Appliance and accessories



amda® telescope

Encapsulated stainless steel spring with two stop screws (REF 302-013-01).
Spring force: max. 4.7 N
Spring travel: max. 4.0 mm

REF 607-181-02	2 pieces
REF 607-181-10	10 pieces



amda® connector, left

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	**607-182-07**	10 pieces
10 mm	**607-182-10**	10 pieces
13 mm	**607-182-13**	10 pieces



amda® connector, right

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	**607-183-07**	10 pieces
10 mm	**607-183-10**	10 pieces
13 mm	**607-183-13**	10 pieces



amda® connector, pair

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	**607-184-07**	1 pair
10 mm	**607-184-10**	1 pair
13 mm	**607-184-13**	1 pair

amda® palatal arch

(incl. 2 x tomas®-abutments EP, REF 302-027-00).
Palatal arch for amda® for fixing the amda® telescopes.

REF 607-185-01	1 piece
REF 607-185-10	10 pieces



Hexagon socket key 0.9

sterilizable
Key width: 0.9 mm

REF 607-129-00	1 piece



Orthodontic demonstration model tomas® / amda®

Fitted with:

- tomas®-pin EP
- amda®
- lingual / palatal sheaths easy in, welded to standard molar bands

Maxilla made of plastic.

REF 892-000-26	1 piece





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tomas® / Pins



tomas®-pin EP

self-drilling
sterile
Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: mushroom-shaped

Length	Color-coded packaging	REF	Quantity
6 mm	white	**302-206-00**	1 piece
8 mm	grey	**302-208-00**	1 piece
10 mm	black	**302-210-00**	1 piece



tomas®-pin EP N

self-drilling
non-sterile
sterilizable
Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: mushroom-shaped

Length	REF	Quantity	REF	Quantity
6 mm	**302-206-10**	1 piece	**302-206-30**	10 pieces
8 mm	**302-208-10**	1 piece	**302-208-30**	10 pieces
10 mm	**302-210-10**	1 piece	**302-210-30**	10 pieces

Intra- and extra-oral

Extra-oral appliances	Page	260
Accessories / Extra-oral	Page	264
Elastics and auxiliaries / Intra-oral	Page	267
Oral screens	Page	271

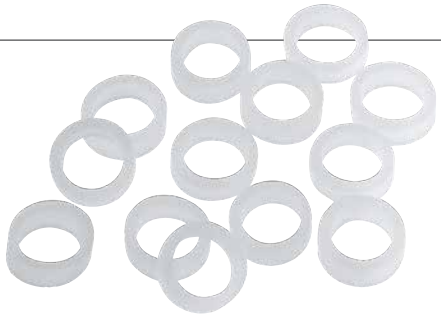
Intra- and extra-oral.

Appliances for every treatment technique.



DENTAURUM ONLINE SHOP shop.dentaurum.com





Complete delivery program for all areas of treatment.

The range of intra-oral and extra-oral products from Dentaurum extends from simple elastics or separators for intra-oral use to neck pads and innovative appliances such as the FaceFormer.

During the development, production and selection of all intra- and extra-oral products, great care is taken to comply with the Dentaurum quality standards. Not only does this guarantee a high degree of security for the practitioner and patient, but it also enables time-saving and effective treatment.





Elastic auxiliaries

Available in many colors, diameters and with various traction forces.

Dentalastics® separators

For quick and easy separation of teeth.



Extra-oral appliances



High-pull headgear with safety modules

The traction modules on the cervical pads and high pull headgear help to prevent accidental dislodging of the facebow. When a traction force exceeds (approx. 2.5 kg –3 kg/5.5 lbs. – 6.6 lbs.) the traction modules separate automatically disengaging the facebow, preventing any whip-back (e.g. of the facebow). Reassembly is easy for either patient or parent. The traction module released by the clip is simply pushed back into position.

Headgear must always be used with safety modules!

Form of delivery:

High-pull headgear with relevant safety module.

Traction force	High-pull headgear	Module	REF	Quantity
light to 4.5 N (450 g)	Denim, blue	white	**745-024-00**	1 piece
medium to 6 N (600 g)	Denim, blue	dark blue	**745-025-00**	1 piece
strong to 7.5 N (750 g)	Denim, blue	light blue	**745-026-00**	1 piece



High-pull headgear without safety modules

Headgear must always be used with safety modules!

High-pull headgear	REF	Quantity
Cotton, blue	**745-031-00**	1 piece



High-pull headgear with eyelets for chin cap therapy

Headgear should only be used with chin cap and flexible plastic chains!

High-pull headgear	REF	Quantity
Denim, blue	**744-711-50**	1 piece



Neck band with safety modules

The traction modules on the cervical bands and high pull headgear help to prevent accidental dislodging of the facebow. When a traction force exceeds (approx. 2.5 kg – 3 kg/5.5 lbs. – 6.6 lbs.) the traction modules separate automatically disengaging the facebow, preventing any whip-back (e.g. of the facebow). Reassembly is easy for either patient or parent. The traction module released by the clip is simply pushed back into position.

Neck bands must always be used with safety modules!

Form of delivery:

Neck band with relevant safety module.

Traction force	Neck pad	Module	REF	Quantity
light to 4.5 N (450 g)	Denim, blue	white	**745-020-00**	1 piece
medium to 6 N (600 g)	Denim, blue	dark blue	**745-021-00**	1 piece
strong to 7.5 N (750 g)	Denim, blue	light blue	**745-022-00**	1 piece

Neck band without safety modules

Neck bands must always be used with safety modules!



Neck pad	Length	REF	Quantity
Cotton, blue	180 mm	**745-033-00**	5 pieces

Neck band without safety modules, padded

Neck bands must always be used with safety modules!



Neck pad	Length	REF	Quantity
blue / red	180 mm	**745-038-00**	5 pieces

Safety module with metal clip

For neck bands or high-pull headgear.

Headgear and neck bands must always be used with safety modules!



Traction force	Module	REF	Quantity
light to 4.5 N (450 g)	white	**745-028-00**	10 pieces
medium to 6 N (600 g)	dark blue	**745-029-00**	10 pieces
strong to 7.5 N (750 g)	light blue	**745-030-00**	10 pieces

Face mask

Support on the forehead and chin allows a ventral direction of traction for the maxilla and upper dental arch as well as mesial movement of the upper and lower posterior teeth.

Indications:

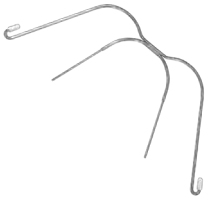
- for early treatment of Angle Class III malocclusions
  - skeletal retrusion of the maxilla (micrognathia)
  - dentoalveolar retrusion in the maxilla
  - skeletal overdevelopment of the mandible (macrogenia)
  - reduces anterior lower facial height (deep overbite)
- protrusion of teeth (single or in groups of teeth)
- in the case of cheilognathopalatoschisis
- for mesialization of the maxillary dentition

Forehead pad with band and chin cap see accessories.



Designation	REF	Quantity
Reverse-pull headgear Tübinger model	**745-300-00**	1 piece

Extra-oral appliances



Noninium® facebow, medium

nickel-free

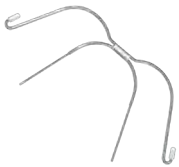
(Nickel trace elements of ≤ 0.2% are due to the process of manufacturing)

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Facebows must always be used with headgear and neck bands with safety modules!

Inner bow ø	Safety caps	REF	Quantity
1.15 mm / 45	white	**740-000-00**	1 piece



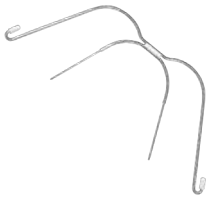
Standard facebow, mini

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Facebows must always be used with headgear and neck bands with safety modules!

Inner bow ø	Stop loops	Safety caps	REF	Quantity
1.15 mm / 45		white	**740-019-00**	1 piece
1.15 mm / 45	97 mm	red	**741-049-00**	1 piece



Standard facebow, medium

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Facebows must always be used with headgear and neck bands with safety modules!

Inner bow ø	Safety caps	REF	Quantity
1.00 mm / 40	white	**740-010-00**	1 piece
1.15 mm / 45	white	**740-020-00**	1 piece

Standard facebow, maxi



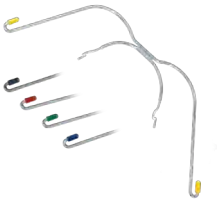
Break resistant laser welded connection between outer and inner bow.

Safety Note:

Facebows must always be used with headgear and neck bands with safety modules!

Inner bow ø	Safety caps	REF	Quantity
1.15 mm / 45	white	**740-021-00**	1 piece

Facebow, medium, with stop loops



Facebow: without coating

Inner bow ø: 1.15 mm / 45

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Facebows must always be used with headgear and neck bands with safety modules!

Outer bow size	Inner bow size	Stop loops	Safety caps / Size	Cuspid hooks	REF	Quantity
49 mm	29 mm	83 mm	yellow / Size 1		**741-040-00**	1 piece
49 mm	32 mm	90 mm	grey / Size 2		**741-045-00**	1 piece
49 mm	35 mm	97 mm	red / Size 3		**741-050-00**	1 piece
49 mm	38 mm	104 mm	green / Size 4		**741-055-00**	1 piece
49 mm	41 mm	111 mm	blue / Size 5		**741-060-00**	1 piece
49 mm	35 mm	97 mm	red / Size 3	•	**741-150-00**	1 piece

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Accessories / Extra-oral



Chin cap
Rigid, padded, with short hooks, air permeable.
Color: blue

REF 744-613-01	1 piece

NEW



Chin cap
Rigid, padded, with long hooks, air permeable.
Color: blue

REF 744-615-01	1 piece



Chin cap
For reverse-pull headgear, Tübinger model (REF 745-300-00), air permeable.
Color: blue

REF 745-304-01	1 piece



Chin cap liner
To make the chin cap more comfortable and to prevent skin irritation.

REF 744-616-00	10 pieces



Headband, elastic adjustable
For reverse-pull headgear, Tübinger model (REF 745-300-00).
Length: 40 cm

REF 745-302-00	5 pieces



Forehead pad with band
For reverse-pull headgear, Tübinger model (REF 745-300-00).

REF 745-301-01	5 pieces

Dentalastics® extra-oral plastic chain



Color	Length	REF	Quantity
transparent	118 mm	**774-300-00**	10 pieces

Extra-oral latex elastics



Highest elasticity and fatigue resistance.
The elastic packs are marked according to size and strength with symbols.
Every type can therefore be quickly identified.
Strength:
Strength ratings are based on the elastic being stretched 3 times the listed inner diameter.
Content:
30 x 100 rings = 3000 pieces or 30 x 50 ringe = 1500 pieces

Traction force	Inner ø	REF	Quantity
light 2.2 N (225 g)	6.4 mm / 1/4 inch	**772-203-02**	3000 pieces
light 2.2 N (225 g)	8.0 mm / 5/16 inch	**772-204-02**	3000 pieces
light 2.2 N (225 g)	9.5 mm / 3/8 inch	**772-205-02**	3000 pieces
strong 4.0 N (400 g)	8.0 mm / 5/16 inch	**772-208-02**	1500 pieces
strong 4.0 N (400 g)	12.7 mm / 1/2 inch	**772-210-02**	1500 pieces

Lip bumper



With plastic shield and hook for intermaxillary elastics.
Indications:
- for distalization of molars
- for stabilization of molars in the late mixed dentition
- with labial tipping of the anterior teeth caused by tongue pressure

for tubes	REF	Quantity
ø 0.90 mm / 36	**748-009-00**	1 piece
ø 1.15 mm / 45	**748-114-00**	1 piece

Accessories / Extra-oral



Stop tube

For facebow and lip bumper.

Inner ø	Length	REF	Quantity
1.15 mm / 45	2 mm	**480-914-00**	100 pieces



Stop screw

acc. to Ladanyi
For facebow and lip bumper.

Inner ø	REF	Quantity
1.15 mm / 45	**480-918-02**	10 pieces



Key for hexagon socket screws

For stop screws acc. to Ladanyi.
Only intended for use in the laboratory!

Key width	REF	Quantity
0.9 mm	**480-924-02**	1 piece



Activator tubes

E.g. for Teuscher activator. These tubes can be built directly into an activator to hold a facebow.
Used for attaching a facebow.

Inner ø	REF	Quantity
1.15 mm / 45	**607-300-00**	10 pieces
1.30 mm / 51	**607-301-00**	10 pieces

Elastic placer

For seating and removing intra-oral elastics.
Color: assorted colors

REF 772-400-00	50 pieces



Intra-oral latex elastics

Highest elasticity and fatigue resistance.
The elastic packs are marked according to size and strength with symbols.
Every type can therefore be quickly identified.

Strength:
Strength ratings are based on the elastic being stretched 3 times the listed inner diameter.

Content:
10 x 100 pieces = 1000 pieces



Color	Traction force	Inner ø	REF	Quantity	
natural	light 0.7 N (71 g)	3.2 mm / 1/8 inch	**772-103-00**	1000 pieces	1
natural	light 0.7 N (71 g)	4.8 mm / 3/16 inch	**772-104-00**	1000 pieces	2
natural	light 0.7 N (71 g)	6.4 mm / 1/4 inch	**772-106-00**	1000 pieces	3
natural	light 0.7 N (71 g)	8.0 mm / 5/16 inch	**772-107-00**	1000 pieces	4
natural	light 0.7 N (71 g)	9.5 mm / 3/8 inch	**772-109-00**	1000 pieces	5
natural	medium 1.3 N (128 g)	3.2 mm / 1/8 inch	**772-113-00**	1000 pieces	6
natural	medium 1.3 N (128 g)	4.8 mm / 3/16 inch	**772-114-00**	1000 pieces	7
natural	medium 1.3 N (128 g)	6.4 mm / 1/4 inch	**772-116-00**	1000 pieces	8
natural	medium 1.3 N (128 g)	8.0 mm / 5/16 inch	**772-117-00**	1000 pieces	9
natural	medium 1.3 N (128 g)	9.5 mm / 3/8 inch	**772-119-00**	1000 pieces	10
natural	strong 1.8 N (184 g)	3.2 mm / 1/8 inch	**772-123-00**	1000 pieces	11
natural	strong 1.8 N (184 g)	4.8 mm / 3/16 inch	**772-124-00**	1000 pieces	12
natural	strong 1.8 N (184 g)	6.4 mm / 1/4 inch	**772-125-00**	1000 pieces	13
natural	strong 1.8 N (184 g)	8.0 mm / 5/16 inch	**772-126-00**	1000 pieces	14
natural	strong 1.8 N (184 g)	9.5 mm / 3/8 inch	**772-127-00**	1000 pieces	15

Elastics and auxiliaries / Intra-oral



Intra-oral non-latex elastics

Highest elasticity and fatigue resistance.
The elastic packs are marked according to size and strength with symbols.
Every type can therefore be quickly identified.

Strength:
Strength ratings are based on the elastic being stretched 3 times the listed inner diameter.

Content:
30 x 100 pieces = 3000 pieces

Color	Traction force	Inner ø	REF	Quantity
transparent	medium 1.3 N (128 g)	3.2 mm / 1/8 inch	**772-313-01**	3000 pieces
transparent	medium 1.3 N (128 g)	4.8 mm / 3/16 inch	**772-314-01**	3000 pieces
transparent	medium 1.3 N (128 g)	6.4 mm / 1/4 inch	**772-316-01**	3000 pieces
transparent	medium 1.3 N (128 g)	8.0 mm / 5/16 inch	**772-317-01**	3000 pieces
transparent	strong 1.8 N (184 g)	3.2 mm / 1/8 inch	**772-323-01**	3000 pieces
transparent	strong 1.8 N (184 g)	4.8 mm / 3/16 inch	**772-324-01**	3000 pieces
transparent	strong 1.8 N (184 g)	6.4 mm / 1/4 inch	**772-325-01**	3000 pieces
transparent	strong 1.8 N (184 g)	8.0 mm / 5/16 inch	**772-326-01**	3000 pieces



Container for intra-oral elastics

For mini patient packs. With wall mount.
Dimensions (W x H x D): 508 mm x 169 mm x 107 mm
Color: white

REF 772-000-00	1 piece



Intra-oral latex elastics

Special sizes
Cuspid to cuspid, for facebows with cuspid hooks. Highest elasticity and fatigue resistance.
Strength ratings are based on the elastic being stretched 3 times the listed inner diameter.

Traction force	Inner ø	REF	Quantity
medium 1.3 N (128 g)	16 mm / 5/8 inch	**772-100-00**	1000 pieces
medium 1.3 N (128 g)	19 mm / 3/4 inch	**772-200-00**	1000 pieces

Dentalastics® plastic ligatures

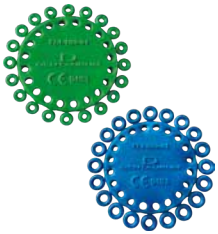
For ligating arch wires to brackets, instead of wire ligatures.



Color	Inner ø	Height	REF	Quantity
transparent	1.3 mm	0.9 mm	**774-002-01**	1000 pieces

Dentalastics® separators

For quick and easy separation of teeth. Radiopaque (ideal setting 60 kV and 3 mA).



Color	Inner ø	Indication	REF	Quantity
green	1.5 mm	for anteriors	**774-100-01**	1000 pieces
blue	2.1 mm	for posteriors	**774-200-01**	1000 pieces



SUPER Elasto-Force plastic chains

Consistent traction force over a long period of time. High elasticity with excellent elastic recovery.

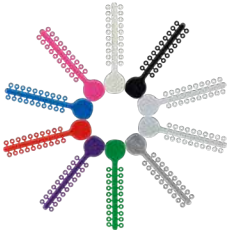


Color	Inner ø	Length	Connector	REF	Quantity
transparent	1.3 mm	4.6 m	•	**774-220-01**	1 roll
pink	1.3 mm	4.6 m	•	**774-231-01**	1 roll
blue	1.3 mm	4.6 m	•	**774-232-01**	1 roll
red	1.3 mm	4.6 m	•	**774-233-01**	1 roll
silver	1.3 mm	4.6 m	•	**774-235-01**	1 roll
transparent	1.3 mm	4.6 m		**774-221-01**	1 roll
blue	1.3 mm	4.6 m		**774-226-01**	1 roll
silver	1.3 mm	4.6 m		**774-229-01**	1 roll
pearl	1.3 mm	4.6 m		**774-236-01**	1 roll



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Elastics and auxiliaries / Intra-oral



Dentalastics® Personal / assortment

Colored ligatures

Especially delicate plastic ligatures, instead of wire ligatures, for ligating archwires in brackets.

Content:

10 colors (without yellow or orange), 5 sticks each, total 50 sticks x 20 rings = 1000 pieces

Color	Inner ø	Height	REF	Quantity
10 colors	1.3 mm	0.7 mm	**774-561-04**	1 assortment

Dentalastics® Personal / Single packs

Colored ligatures

Especially delicate plastic ligatures, instead of wire ligatures, for ligating archwires in brackets.

Contents: 50 sticks x 20 rings = 1000 pieces



Color	Inner ø	Height	REF	Quantity
silver	1.3 mm	0.7 mm	**774-549-01**	1 pack
transparent	1.3 mm	0.7 mm	**774-551-02**	1 pack
black	1.3 mm	0.7 mm	**774-552-01**	1 pack
white	1.3 mm	0.7 mm	**774-553-01**	1 pack
pink	1.3 mm	0.7 mm	**774-554-01**	1 pack
blue	1.3 mm	0.7 mm	**774-555-01**	1 pack
red	1.3 mm	0.7 mm	**774-556-01**	1 pack
purple	1.3 mm	0.7 mm	**774-557-01**	1 pack
yellow	1.3 mm	0.7 mm	**774-558-01**	1 pack
green	1.3 mm	0.7 mm	**774-559-01**	1 pack
orange	1.3 mm	0.7 mm	**774-560-01**	1 pack
pearl	1.3 mm	0.7 mm	**774-563-01**	1 pack



Oral screen Ulmer model



Indications:

- incorrect functions of the tongue (pressing of the tongue, incorrect position of the tongue)
- biting the lips
- sucking the lips
- thumb sucking
- weak muscle structure of the lips

Advantages:

- no pressure points due to the flexible material
- more comfortable to wear
- better acceptance by the patient
- easy to monitor the performance of the myofunctional exercises

Special appliance containers see Supplies!

Size	REF	Quantity
Mini / Size 1 = for preschool age patients	**074-000-00**	1 piece
Maxi / Size 2 = for patients from school age to adults	**074-001-00**	1 piece

FaceFormer ONE blue with hygiene box



acc. to Berndsen

FaceFormer therapy targets the cause and is holistic. Regular FaceFormer training actively tones tissues, muscles and skin in the mouth and face. It strengthens and harmonizes muscle functions that are particularly important for chewing, swallowing, speaking, breathing, tooth position as well as facial expressions and tightening of the skin.

Indications:

- difficulty in swallowing (dysphagia)
- incorrect functions of the tongue
- dysfunctional mastication
- speech disorders with functional causes
- curing thumb/pacifier sucking, lip biting etc.
- paralysis of the oral and facial areas
- following an operation on the face, jaw or tongue
- malalignment of the teeth, anomalies in the jaw
- grinding the teeth (bruxism), temporomandibular problems
- sleep disorders, snoring, sleep apnea
- hearing loss, tinnitus
- dizziness, Menière's disease
- problems compensating pressure in the middle ear
- activation of nasal breathing, curing mouth breathing
- etc.

Color	Form	REF	Quantity
transparent blue	anatomical	**074-101-01**	1 piece

Anchorage systems

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Patient consultation material	Page	293





tomas® & amda®

Anchorage systems.
innovative – comprehensive – efficient.



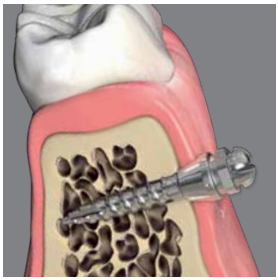
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The complete system for all indications.

The concept.

The tomas® system has been one of the leading skeletal anchorage systems for many years. Users value its easy handling and high reliability. By integrating the new tomas®-pin EP and a selection of abutments for direct and indirect coupling, the system can be used in the buccal and the palatal region. Be it distalization, mesialization, intrusion, palatal expansion or indirect anchorage: tomas® has something to offer both the beginner and the professional in skeletal anchorage systems.





Indications.

The tomas®-pin SD and the tomas®-pin EP are used to provide temporary orthodontic anchorage for the following treatment examples:

- Distalization and mesialization of teeth.
- Uprighting of molars.
- Intrusion of teeth.
- Space closure in class I occlusion.
- Sliding mechanics in class II.
- Preventing the protrusion of incisors.
- Palatal expansion.
- Oligodontia.
- Changing the tooth position as part of preprosthetic treatment.
- Anchoring temporary crowns.

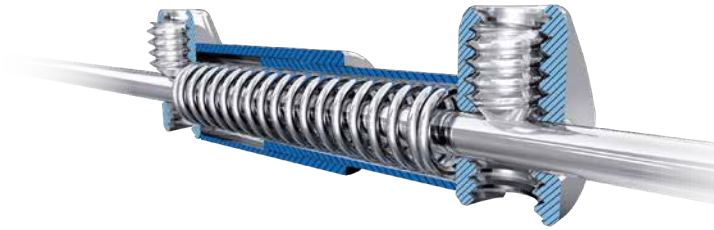
The advantages:

- Quick and easy to fit.
- Coordinated accessories.
- Effective around the clock – day and night.
- No patient compliance required.
- Perfect biomechanics.



amda®

advanced
molar
distalization
appliance.



advanced molar distalization appliance.

Together with the tomas® system, amda® offers a safe system for the distalization of upper molars. As a skeletal anchorage device it can be used for the bi- or unilateral distalization or the mesialization of upper molars and for the retraction of the upper anterior teeth depending on how it is fitted.

The appliance serves as a skeletally anchored transpalatal arch during the retention phase. amda® is more than merely a distalization appliance!

The amda® system was designed by Prof. Dr. med. dent. Moschos A. Papadopoulos. Dentaurum developed the system in close cooperation with him. Dr. Papadopoulos is a Professor and Chairman of the Department of Orthodontics at the School of Dentistry, Aristotle University in Thessaloniki, Greece.



Indications:

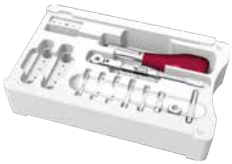
- Distalization of molars.
- Mesialization of molars.
- Retraction of anterior teeth.
- Combination of distalization and mesialization.
- Retention of molars.

The advantages:

- No patient compliance required.
- In situ – 24 hours.
- Hygienic and comfortable for the patient.
- No contamination of the spring.
- Easy to fit/Easy to remove.



Tool sets



tomas®-tool set XL

The tomas®-tool set XL contains all instruments for manual and mechanical insertion of a tomas®-pin.

REF 302-151-00	1 set

Contents:

1 x tomas®-drill SD 1.1, short pilot drill	REF 302-103-00
1 x tomas®-guide driver	REF 302-080-00
1 x tomas®-driver	REF 302-004-50
1 x tomas®-applicator	REF 302-004-20
1 x tomas®-wheel, ø 10 mm	REF 302-004-30
1 x tomas®-applicator, long version	REF 302-004-70
1 x tomas®-torque ratchet	REF 302-004-41
1 x tomas®-screwdriver	REF 302-004-10
1 x tomas®-tool tray	REF 302-156-00



tomas®-tool set S

The tomas®-tool set S contains the instruments required to insert a tomas®-pin.

REF 302-251-00	1 set

Contents:

1 x tomas®-drill SD 1.1, short pilot drill	REF 302-103-00
1 x tomas®-guide driver	REF 302-080-00
1 x tomas®-screwdriver	REF 302-004-10
1 x tomas®-tool tray	REF 302-156-00

tomas®-pin SD

self-drilling
sterile
Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: cross-slot



Length	Color-coded packaging	REF	Quantity
6 mm	yellow	**302-106-00**	1 piece
8 mm	blue	**302-108-00**	1 piece
10 mm	green	**302-110-00**	1 piece

tomas®-pin EP

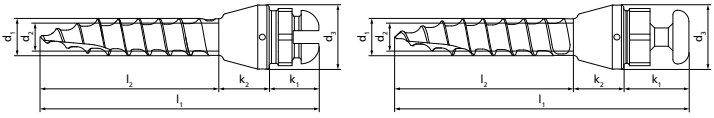
self-drilling
sterile
Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: mushroom-shaped



Length	Color-coded packaging	REF	Quantity
6 mm	white	**302-206-00**	1 piece
8 mm	grey	**302-208-00**	1 piece
10 mm	black	**302-210-00**	1 piece

ISO 19023

	SD / SD N	EP / EP N
d_1	1.6 mm	1.6 mm
d_2	1.2 mm	1.2 mm
d_3	2.8 mm	2.8 mm
k_1	2.2 mm	2.9 mm
k_2	2.0 mm	2.0 mm
l_1	10.2 mm / 12.2 mm / 14.2 mm	10.9 mm / 12.9 mm / 14.9 mm
l_2	6.0 mm / 8.0 mm / 10.0 mm	6.0 mm / 8.0 mm / 10.0 mm



Pins, non-sterile



tomas®-pin SD N

self-drilling
non-sterile
sterilizable
Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: cross-slot

Length	REF	Quantity	REF	Quantity
6 mm	**302-106-10**	1 piece	**302-106-30**	10 pieces
8 mm	**302-108-10**	1 piece	**302-108-30**	10 pieces
10 mm	**302-110-10**	1 piece	**302-110-30**	10 pieces



tomas®-pin EP N

self-drilling
non-sterile
sterilizable
Titanium grade 5
Thread ø: 1.6 mm
Core ø: 1.2 mm
Head type: mushroom-shaped

Length	REF	Quantity	REF	Quantity
6 mm	**302-206-10**	1 piece	**302-206-30**	10 pieces
8 mm	**302-208-10**	1 piece	**302-208-30**	10 pieces
10 mm	**302-210-10**	1 piece	**302-210-30**	10 pieces

tomas®-drill SD 1.1, short pilot drill



sterilizable

The drilling must be undertaken at 800 min^{-1} (max. 1500 min^{-1}) with a sterile, physiological saline solution.
For perforating the compact bone (≥ 2.0 mm) when using tomas®-pin SD and EP.

Length	ø	Color-coded packaging	REF	Quantity
4 mm	1.1 mm	yellow	**302-103-00**	1 piece

tomas®-applicator

sterilizable

For manual insertion and explantation of tomas®-pin.
Long version especially suitable for palatal insertion.

Length	REF	Quantity
18 mm	**302-004-20**	1 piece
28 mm	**302-004-70**	1 piece



tomas®-wheel

sterilizable

(nut)
For manual insertion and explantation of the tomas®-pin in combination with the tomas®-applicator (REF 302-004-20 / 302-004-70).
ø: 10.0 mm

REF 302-004-30	1 piece



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Instruments and accessories



tomas®-torque ratchet
For manual insertion and explantation of the tomas®-pin in combination with the tomas®-applicator (REF 302-004-20 / 302-004-70); torque should be limited to 20 Ncm.

REF 302-004-41	1 piece



tomas®-driver
sterilizable
(mechanical screwing aid)
For mechanical insertion of the tomas®-pin with the aid of a lockable torque instrument. The setting should be limited to 20 Ncm and 25 min^{-1}.
Length: 22 mm

REF 302-004-50	1 piece



tomas®-guide driver
sterilizable
(power-driven insertion aid)
Long version.
Handpiece-held insertion instrument coordinated with tomas®-guide tubes. For the power-driven insertion of the tomas®-pin with the help of a contra-angle handpiece with restricted torque. Torque restriction should be set at 20 Ncm and 25 min^{-1}. Highly suitable for palatal insertion of the tomas®-pin.
Length: 27 mm

REF 302-080-00	1 piece



Manually turned unit mod. acc. to Pauls, with adjustable torque from 0 - 40 Ncm
sterilizable
(Manually turned unit)
Manually turned unit with adjustable torque from 0 Ncm - 40 Ncm. Torque should not exceed 20 Ncm. Can be fitted to a contra-angle handpiece as cost-effective alternative to a surgical tool or electrically-powered equipment.

REF 302-004-81	1 piece



tomas®-screwdriver
sterilizable
For manual insertion and explantation of tomas®-pin.
Contains tomas®-screwdriver key 1.3 (hex key REF 302-004-16) and tomas®-screwdriver key 3.0 (REF 302-004-14).

REF 302-004-10	1 piece



tomas®-tool tray
sterilizable
For storage of tomas®-components.

REF 302-156-00	1 piece

tomas®-abutment kit

(set of coupling elements)
The tomas®-abutment kit contains abutments for the tomas®-pin SD and the tomas®-pin EP.
For skeletal anchorage of appliances for mesialization, distalization and intrusion of teeth and for maxillary expansion. Appliances can be made in the dental practice or in a laboratory.

REF 302-050-00	1 set

Contents:

6 x tomas®-abutment universal	REF 302-025-00
6 x tomas®-abutment tube 1.1	REF 302-025-11
2 x tomas®-abutment tube 1.5	REF 302-025-15
2 x tomas®-abutment tube square 22	REF 302-025-22
2 x tomas®-abutment wire 6	REF 302-025-06
4 x tomas®-abutment wire 12	REF 302-025-12
2 x tomas®-abutment plain	REF 302-026-00
2 x tomas®-abutment EP	REF 302-027-00
50 x tomas®-transfer cap	REF 302-028-01
10 x tomas®-laboratory pin EP	REF 302-029-01
10 x tomas®-laboratory pin SD	REF 302-030-01
1 x tomas®-box	REF 302-023-10



tomas®-abutment universal

(coupling element)
Indirect coupling between tomas®-pin and conventional multi-bracket systems over one or more teeth. Direct coupling to skeletally-anchored appliances. Temporary fixation of wires with 1.1 mm ø by means of snap effect (only in connection with tomas®-pin SD!).

REF 302-025-00	2 pieces



tomas®-abutment tube 1.1

(coupling element with tube)
Abutment with rotatable tube for direct coupling between tomas®-pin and various appliances, e.g. for bi- or unilateral mesialization, distalization, intrusion etc.
The tomas®-abutment wire 6 (REF 302-025-06) and tomas®-abutment wire 12 (REF 302-025-12) can be used in addition.



Inner ø tube	Width tube	REF	Quantity
1.15 mm / 45	3.0 mm	**302-025-11**	1 piece

tomas®-abutment tube 1.5

(coupling element with tube)
Abutment with rotatable tube for direct coupling between the tomas®-pin and all hyrax® RPE screws.
Can be used for hybrid RPE appliance or skeletal RPE appliance using Pin-First© approach.



Inner ø tube	Width tube	REF	Quantity
1.55 mm / 61	3.0 mm	**302-025-15**	1 piece

tomas®-RPE eyelet

(coupling element for RPE screws)
Eyelet for direct coupling between tomas®-pin with all hyrax® RPE screws with two supports for easier placement on working model.
Can be used for hybrid RPE appliance or skeletal RPE appliance using Pin-Last© approach.



Outer ø eyelet	Inner ø eyelet	Thickness eyelet	REF	Quantity
5.0 mm	top 3.0 mm bottom 2.3 mm	1.5 mm	**302-602-00**	12 pieces + 2 holders

Instruments and accessories



tomas®-abutment tube square 22

(coupling element with tube)
Abutment with rotatable square tube for direct coupling between the tomas®-pin and various appliances, e.g. for intrusion etc.

Inner ⍁ tube	Width tube	REF	Quantity
0.56 mm x 0.70 mm / 22 x 28	4.0 mm	**302-025-22**	1 piece



tomas®-abutment double tube 1.5

Concept by Dr. Sohani
(coupling element with 2 tubes)
Abutment with rotatable double tube for direct coupling between tomas®-pin and various appliances, e.g. for bi- or unilateral mesialization, distalization, intrusion etc. The tomas®-abutment U-wire (REF 302-025-21) can be used in addition.

Inner ø tube	Width tube	REF	Quantity
1.55 mm / 61	2 x 3.0 mm	**302-025-30**	1 piece



tomas®-abutment U-wire

(coupling element with wire)
Abutment with rotatable bilateral wire for direct coupling between the tomas®-pin and various appliances, e.g. for bi- or unilateral mesialization, distalization etc. The tomas®-abutment double tube 1.5 (REF 302-025-30) can be used in addition.

Wire ø	Wire length	REF	Quantity
1.10 mm / 43	2 x 80 mm	**302-025-21**	1 piece



tomas®-abutments median

Combination of tomas®-abutment U-wire (REF 302-025-21) and tomas®-abutment double tube 1.5 (REF 302-025-30). Combination is intended for two tomas®-pins which are placed sagitally to the mid-palatal suture. The distance between the tomas®-pins must be at least 6 mm.

Inner ø tube	Width tube	Wire ø	Wire length	REF	Quantity
1.55 mm / 61	2 x 3.0 mm	1.10 mm / 43	2 x 80 mm	**302-025-51**	1 piece



tomas®-abutment wire 6

(coupling element with wire)
Abutment with rotatable unilateral wire for direct coupling between the tomas®-pin and various appliances, e.g. for bi- or unilateral mesialization, distalization etc. The tomas®-abutment tube 1.1 (REF 302-025-11) can be used in addition.

Wire ø	Wire length	REF	Quantity
1.10 mm / 43	60 mm	**302-025-06**	1 piece

tomas®-abutment wire 12

(coupling element with wire)
Abutment with rotatable unilateral wire for direct coupling between the tomas®-pin and various appliances, e.g. for bi- or unilateral mesialization, distalization etc. The tomas®-abutment tube 1.1 (REF 302-025-11) can be used in addition.

Wire ø	Wire length	REF	Quantity
1.10 mm / 43	120 mm	**302-025-12**	1 piece



tomas®-abutment plain

(coupling element)
For welding individual elements and for anchoring temporary crowns.

REF 302-026-00	1 piece



tomas®-abutment EP

(coupling element)
Direct coupling between the tomas®-pin EP and distalization appliances.

Inner ø tube	Width tube	Inner ø eyelet	Thickness eyelet	REF	Quantity
1.05 mm / 41	2.0 mm	2.4 mm / 94	0.8 mm	**302-027-00**	2 pieces



tomas®-transfer cap

Transfer of oral status to a dental cast.

REF 302-028-01	2 pieces



tomas®-laboratory pin EP

Laboratory analog for the tomas®-pin EP for manufacture of orthodontic appliances with skeletal anchorage in a laboratory.

REF 302-029-01	1 piece



tomas®-laboratory pin SD

Laboratory analog for the tomas®-pin SD for manufacture of orthodontic appliances with skeletal anchorage in a laboratory.

REF 302-030-01	1 piece



Instruments and accessories



tomas®-auxiliary kit

(set of accessories)

The tomas®-auxiliary kit contains accessories for mesializing, distalizing and uprighting of teeth in connection with the tomas®-pin.

REF 302-001-20	1 set

Contents:

10 x tomas®-coil spring, light (8 mm)	REF 302-012-00
10 x tomas®-coil spring, medium (8 mm)	REF 302-012-10
10 x tomas®-coil spring, heavy (8 mm)	REF 302-012-20
10 x tomas®-uprighting spring	REF 302-009-00
3 x rematitan® LITE compression spring	REF 758-361-00
10 x tomas®-stop screw	REF 302-013-01
1 x hexagon socket key 0.9	REF 607-129-00
10 x tomas®-T-wire	REF 302-024-00
10 x tomas®-power arm, square	REF 302-015-00
10 x tomas®-power arm, round	REF 302-019-00
10 x tomas®-crimp hook, Upper left / Lower right	REF 302-020-00
10 x tomas®-crimp hook, Upper right / Lower left	REF 302-020-10
10 x tomas®-aligner hook, Upper left / Lower right	REF 302-021-00
10 x tomas®-aligner hook, Upper right / Lower left	REF 302-021-10
1 x tomas®-box	REF 302-023-10



tomas®-coil spring

Nickel titanium tension springs with eyelets for linking to the tomas®-pin and hooks.
Length: 8 mm (measured from the center of the two eyelets)
Inner ø: 0.90 mm / 36
Strength category: super elastic

Traction force	Wire strength ø	Color coded packaging	REF	Quantity
light 1.38 N (140 g)	0.21 mm / 8	blue	**302-012-00**	10 pieces
medium 2.01 N (200 g)	0.23 mm / 9	yellow	**302-012-10**	10 pieces
heavy 2.74 N (270 g)	0.23 mm / 9	red	**302-012-20**	10 pieces



SUPER Elasto-Force plastic chains

Consistent traction force over a long period of time. High elasticity with excellent elastic recovery.

Color	Inner ø	Length	REF	Quantity
transparent	1.3 mm	4.6 m	**774-221-01**	1 roll

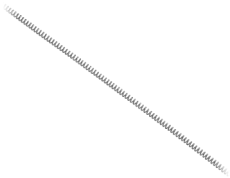


tomas®-uprighting spring

For uprighting and simultaneous intrusion or extrusion of molars.

REF 302-009-00	10 pieces

rematitan® LITE compression spring



Advantages:
- high elasticity with virtually constant restoring force
- fatigue-free, low, uniform transfer of forces

May be individually shortened.
Material: nickel titanium
Strength category: super elastic

Inner ø	Length	Wire strength ø	Force	REF	Quantity
0.76 mm / 30	18 cm	0.30 mm / 12	medium	**758-361-00**	3 pieces

tomas®-stop screw

Without hexagon socket key.

REF 302-013-01	10 pieces



Hexagon socket key 0.9

sterilizable
Key width: 0.9 mm

REF 607-129-00	1 piece



tomas®-slotted stop

Suitable as stop for tension springs.



⍁	REF	Quantity
0.46 mm x 0.64 mm / 18 x 25	**302-022-18**	100 pieces
0.56 mm x 0.70 mm / 22 x 28	**302-022-22**	100 pieces

tomas®-hook

For fixing elastic elements (plastic chains, springs)
to the tomas®-pin SD head.

REF 302-009-10	10 pieces



tomas®-T-wire

Made of remanium® for direct and indirect connection with the tomas®-pin SD.
Material: stainless steel
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²



⍁	REF	Quantity
0.55 mm x 0.70 mm / 21.5 x 28	**302-024-00**	10 pieces

Instruments and accessories



tomas®-cross tube 18

Transverse connection between two small rectangular tubes for joining two wires without welding. Ideal for the connection between tomas®-pin SD and arch.

Horizontal tube:
Overall length: 4.0 mm
Inner ⍁: 0.46 mm x 0.64 mm / 18 x 25
Vertical tube:
Overall length: 2.0 mm
Inner ⍁: 0.56 mm x 0.70 mm / 22 x 28

REF 302-014-18	10 pieces



tomas®-cross tube 22

Transverse connection between two small rectangular tubes for joining two wires without welding. Ideal for the connection between tomas®-pin SD and arch.

Horizontal tube:
Overall length: 4.0 mm
Inner ⍁: 0.56 mm x 0.70 mm / 22 x 28
Vertical tube:
Overall length: 2.0 mm
Inner ⍁: 0.56 mm x 0.70 mm / 22 x 28

REF 302-014-22	10 pieces



tomas®-power arm, square

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²
Crimping tube slotted, with spring hard wire, square (⍁ 0.55 mm x 0.70 mm / 21.5 x 28). Can be placed directly on the arch wire, without loss of ligation of the archwire. Universal application for the slot 18/22 technique. Ideal for coupling with the tomas®-pin SD and for bending individual hooks.

Dimensions:
Tube length: 2.0 mm
Wire length: 25.0 mm

REF 302-015-00	10 pieces



tomas®-power arm, round

Strength category: spring hard · 1800 N/mm² - 2000 N/mm²
Crimping tube slotted, with spring hard wire, round (ø 0.7 mm / 28). Can be placed directly on the arch wire, without loss of ligation of the archwire. Universal application for the slot 18/22 technique. For bending individual hooks.

Dimensions:
Tube length: 2.0 mm
Wire length: 25.0 mm

REF 302-019-00	10 pieces

Crimping pliers

sterilizable

Tip with V-shaped notch for holding and crimping sliding/clamping and stop tubes.

Premium-Line · 10 year guarantee

REF 003-711-00	1 piece



tomas®-crimp hook

Crimping hook slotted, with 4 hooks to engage springs and plastic chains.
Universal application for the slot 18/22 technique.
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²



Quadrant	REF	Quantity
upper left / lower right	**302-020-00**	10 pieces
upper right / lower left	**302-020-10**	10 pieces

tomas®-aligner hook

(bonding hook)
Hook for bonding on teeth or aligner for direct coupling with tomas®-pin.
Special adhesive (Bond Aligner™ from Reliance) is required to bond onto plastic of aligner.
Strength category: spring hard · 1800 N/mm² - 2000 N/mm²



Quadrant	REF	Quantity
upper left / lower right	**302-021-00**	10 pieces
upper right / lower left	**302-021-10**	10 pieces

tomas®-box

Plastic box with 2 inserts.

REF 302-023-10	1 piece



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amda® / Starter set



amda® starter set (assembled)
Skeletally anchored appliance for the distalization of molars with the tomas®-pin EP.



REF 607-180-00	1 set

Contents:

1 x amda® telescope (2 pieces)	REF 607-181-02
1 x amda® connector, pair 7 mm	REF 607-184-07
1 x amda® connector, pair 10 mm	REF 607-184-10
1 x amda® connector, pair 13 mm	REF 607-184-13
1 x amda® palatal arch	REF 607-185-01
1 x hexagon socket key 0.9	REF 607-129-00

amda® telescope

Encapsulated stainless steel spring with two stop screws (REF 302-013-01).
Spring force: max. 4.7 N
Spring travel: max. 4.0 mm

REF 607-181-02	2 pieces
REF 607-181-10	10 pieces



amda® connector, left

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	**607-182-07**	10 pieces
10 mm	**607-182-10**	10 pieces
13 mm	**607-182-13**	10 pieces



amda® connector, right

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	**607-183-07**	10 pieces
10 mm	**607-183-10**	10 pieces
13 mm	**607-183-13**	10 pieces



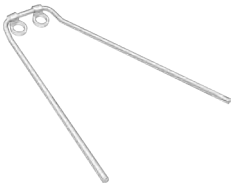
amda® connector, pair

Elements to connect the amda® appliance and the palatal sheath on the molars.

Height	REF	Quantity
7 mm	**607-184-07**	1 pair
10 mm	**607-184-10**	1 pair
13 mm	**607-184-13**	1 pair



amda® / Appliance and accessories



amda® palatal arch
(incl. 2 x tomas®-abutments EP, REF 302-027-00).
Palatal arch for amda® for fixing the amda® telescopes.

REF 607-185-01	1 piece
REF 607-185-10	10 pieces



Hexagon socket key 0.9
sterilizable
Key width: 0.9 mm

REF 607-129-00	1 piece

Patient consultation material

tomas®-demonstration pin SD 08 self-drilling
For patient demonstration.
Scale 5 : 1

REF 302-007-20	1 piece



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tomas®-demonstration pin EP 08 self-drilling
For patient demonstration.
Scale 5 : 1

REF 302-007-30	1 piece



Orthodontic demonstration model tomas® / amda®
Fitted with:
- tomas®-pin EP
- amda®
- lingual / palatal sheaths easy in, welded to standard molar bands

Maxilla made of plastic.

REF 892-000-26	1 piece





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Supplies

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Supplies.

Reliability at great value.



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Professional materials for the orthodontic practice.

Our wide product range for supplies ranges from impression materials to orthodontic tooth brushes. Every question from your patient can be answered with the help of our demonstration models and orthodontic study models.

Whether mini, maxi or magnum, your patients will be delighted with our appliance containers.

With the Ortho Brush, it is easy to clean multi-bracket appliances reliably and quickly.





Orthalgenat® Duo
The universal orthodontic impression material.

Flexaponal®
Special wax according to Uhlig.

Orthalgenat® Ex
The perfect cleaning material for impression trays.

Rapidur®
White, high-strength synthetic dental stone.

Orthodontic study and demonstration models
Wide range of models.

Appliance container
In all sizes and colors.

Impression-taking



Orthalgenat® Duo

Impression material incl. measuring set.

Flavor	Color	REF	Quantity
mint	green	**150-501-20**	1 kg
mint	green	**150-509-20**	9 kg
mint	green	**150-520-20**	20 kg

Packaging: 1 kg (box), 9 x 1 kg and 20 x 1 kg (bag)
DIN EN ISO 21563



Dosing bottle

For liquids.

Capacity	REF	Quantity
500 ml	**150-000-00**	1 piece



Orthalgenat® Ex

Impression tray cleaner. For removing alginate and plaster residue. Concentrate for manual or ultrasonic cleaning.

REF 150-010-00	1.5 kg

Flexaponal®, special wax

acc. to Uhlig

- for bite registration (as bite wafer or bite rim)
- for adhesive borders on impression trays
- soft, flexible and adhesive

Thickness: 1.0 mm



Dimensions (L x W)	Color	REF	Quantity
120 mm x 15 mm	red	**124-003-00**	50 pieces
200 mm x 10 mm	red	**124-002-00**	50 pieces
200 mm x 10 mm	white	**124-202-00**	50 pieces

Rapidur®

Synthetic dental stone
- extra hard, low expansion
- quick-setting

Application:
suitable for all areas of orthodontics and dental prosthetics
Norm: DIN EN ISO 6873
Class 4

Setting expansion	max. 0.15 %
Working time	min. 3 min
Compression resistance	min. 35 MPa
Setting time	max. 30 min
Color	white

REF 164-450-00	6 kg



Mixing bowl

For plaster, impression and investment materials, easy to clean.

Capacity	REF	Quantity
400 ml	**164-651-00**	1 piece
600 ml	**164-650-00**	1 piece



Model gloss

Environmentally friendly impregnation liquid for plaster demonstration models (e.g. Rapidur®, REF 164-450-00) for shiny, dust-repellent surfaces.

REF 166-450-00	4.5 kg



Ultrasonic cleaning solution

To remove	REF	Quantity
Polishing paste, wax, grease	**094-610-00**	1000 ml
Plaster and plaster-bonded investment material	**094-611-00**	1000 ml
Calculus, cement, etching residues	**094-612-00**	1000 ml



Model fabrication



Orthodontic base unit

acc. to Hinz
For fixing three-dimensionally oriented models. The uniform height (6 cm) of the orthodontic models is determined by the base unit, which is easy to use.

REF 050-500-00	1 piece



Base form with hinge

Made of impact-resistant plastic. Eliminates time consuming plaster model preparation.
Suitable for orthodontic base unit acc. to Hinz.

Material	Color	REF	Quantity
Plastic	white	**050-501-00**	100 pairs

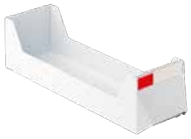


Bar with hinge

For base form (REF 050-501-00).
Suitable for orthodontic base unit acc. to Hinz.

Material	Color	REF	Quantity
Plastic	white	**050-503-01**	200 pieces

NEW



Orthodontic model tray

REF 050-502-00	10 pieces

With colored labels.
For 5 sets of models, stackable.
Dimensions (W x H x D): 94 mm x 83 mm x 330 mm
Material: Plastic
Color: white

Appliance containers and accessories

Appliance container, mini



The mini version is especially suitable for single appliances and oral screens (e.g. the Ulmer model).
Material: Plastic (dimensionally stable and impact resistant)
Dimensions (W x H x D): 7.00 cm x 3.30 cm x 4.80 cm

Size	Color	REF	Quantity
mini	pearl blue	**163-602-01**	10 pieces
mini	turquoise	**163-610-01**	10 pieces
mini	neon coral	**163-611-01**	10 pieces
mini	neon green	**163-612-01**	10 pieces

Appliance container, maxi



The maxi version is especially suitable for bimaxillary appliances (e.g. activator, bionator).
Material: Plastic (dimensionally stable and impact resistant)
Dimensions (W x H x D): 7.80 cm x 4.50 cm x 5.60 cm

Size	Color	REF	Quantity
maxi	ruby-red	**163-701-01**	10 pieces
maxi	pearl blue	**163-702-01**	10 pieces
maxi	pink	**163-703-01**	10 pieces
maxi	black	**163-707-01**	10 pieces
maxi	turquoise	**163-710-01**	10 pieces
maxi	neon coral	**163-711-01**	10 pieces
maxi	neon green	**163-712-01**	10 pieces
maxi	neon yellow	**163-713-01**	10 pieces

Appliance containers, magnum



The magnum version is especially suitable for extremely large appliances (e.g. Fraenkel appliances, orthodontic appliances for adult treatment, or dentures).
Material: Plastic (dimensionally stable and impact resistant)
Dimensions (W x H x D): 6.80 cm x 4.70 cm x 7.80 cm

Size	Color	REF	Quantity
magnum	ruby-red	**163-801-01**	10 pieces
magnum	pearl blue	**163-802-01**	10 pieces

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Appliance containers and accessories



Appliance container, football

Universal size for removable upper appliances, bimaxillary appliances and function regulators incl. snap hook.
Material: Plastic (dimensionally stable and impact resistant)

Color	REF	Quantity
black-white	**163-805-01**	10 pieces



Snap hook

For attaching the appliance container to a belt loop.

REF 163-801-00	10 pieces



Cord with safety lock

For appliance containers, printed with Dentaurum.

Color	REF	Quantity
a variety of colors	**163-807-00**	25 pieces

Orthodontic study and demonstration models

Typodont / Dentoform

Study and test device for fixed appliances. The unit mechanically corresponds to a simple articulator. Depending upon the task, the metal/plastic teeth are set in the wax sockets, banded or bonded with brackets and the arch wire fitted.

Availability:
Unit without teeth and accessories.

REF 050-801-00	1 piece



Metal/Plastic teeth

For Typodont / Dentoform unit (REF 050-801-00).
Tooth crowns made of plastic, tooth roots made of metal.

REF 050-803-01	28 pieces



Wax bases

For Typodont / Dentoform unit (REF 050-801-00).
Ideal occlusion (maxillary and mandibular incl. 2 wax sheets).

REF 050-802-00	1 pair



Orthodontic study model

Angle Class I, normal occlusion
Maxilla and mandible made of plastic.

REF 892-001-00	1 piece



Orthodontic study model

Angle Class II/1, distal occlusion with deep bite
Maxilla and mandible made of plastic.

REF 892-002-01	1 piece



Orthodontic study and demonstration models



Orthodontic study model

Angle Class II/2, distal occlusion with deep overbite

Maxilla and mandible made of plastic.

REF 892-002-02	1 piece



Orthodontic study model

Angle Class III, mesial occlusion, prognathic dentition

Maxilla and mandible made of plastic.

REF 892-003-00	1 piece



Orthodontic demonstration model discovery®

Angle Class I, normal occlusion

Roth 22

Fitted with:

- discovery® metal brackets
- Ortho-Cast M-Series buccal tubes and M-Series mini buccal tubes
- dentaform® bands
- rematitan® LITE arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-07	1 piece



Orthodontic demonstration model equilibrium® mini / equilibrium® 2

Angle Class I, normal occlusion

Roth 22

Fitted with:

- equilibrium® mini and equilibrium® 2 metal brackets
- Ortho-Cast M-Series mini buccal tubes and M-Series mini buccal tubes
- dentaform® bands
- rematitan® LITE arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-14	1 piece

Orthodontic study and demonstration models

Orthodontic demonstration model discovery® delight

REF 892-000-22	1 piece

Fitted with:
- discovery® delight lingual brackets
- discovery® delight molar tubes
- rematitan® LITE lingual arch
- dentaflex® lingual arch

Maxilla and mandible made of plastic, hinged.





Orthodontic demonstration model discovery® smart

REF 892-000-20	1 piece

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

Angle Class I, normal occlusion

McLaughlin-Bennett-Trevisi* 22

Fitted with:
- discovery® smart metal brackets
- Ortho-Cast M-Series and M-Series mini buccal tubes
- rematitan® LITE arches

Maxilla and mandible made of plastic, hinged.



Orthodontic demonstration model discovery® pearl

REF 892-000-18	1 piece

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

McLaughlin-Bennett-Trevisi* 22

Fitted with:
- discovery® pearl ceramic brackets
- translucent arch pearl
- Dentalastics® pearl plastic ligatures

Maxilla made of plastic.



Orthodontic demonstration model discovery® pearl

REF 892-000-21	1 piece

Roth 22

Fitted with:
- discovery® pearl ceramic brackets, maxilla / mandible 5-5
- Ortho-Cast M-Series buccal tubes, maxilla / mandible 6
- translucent arch pearl, maxilla
- Tensic® arch, mandible
- Dentalastics® pearl plastic ligatures

Maxilla and mandible made of plastic, hinged.



Orthodontic study and demonstration models



Orthodontic demonstration model discovery® sl

Angle Class I, normal occlusion

Roth 22

Fitted with:

- discovery® sl self-ligating metal brackets
- Ortho-Cast M-Series mini buccal tubes
- Equire stainless steel arch, maxilla
- rematitan® sl arch, mandible

Maxilla and mandible made of plastic, hinged.

REF 892-000-17	1 piece



Orthodontic demonstration model discovery® sl 2.0

Angle Class I, normal occlusion

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- discovery® sl 2.0 self-ligating metal brackets
- Ortho-Cast M-Series and M-Series mini buccal tubes
- Tensic® arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-19	1 piece

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.



Orthodontic demonstration model prime4me® RETAIN3R

For patient demonstration.

Fitted with:

- prime4me® base model
- prime4me® RETAIN3R upper jaw
- transfer tray for prime4me® RETAIN3R

REF 892-000-29	1 piece

NEW



Orthodontic demonstration model tomas® / amda®

Fitted with:

- tomas®-pin EP
- amda®
- lingual / palatal sheaths easy in, welded to standard molar bands

Maxilla made of plastic.

REF 892-000-26	1 piece



Orthodontic study and demonstration models

tomas®-demonstration pin SD 08 self-drilling
For patient demonstration.
Scale 5 : 1

REF 302-007-20	1 piece



tomas®-demonstration pin EP 08 self-drilling
For patient demonstration.
Scale 5 : 1

REF 302-007-30	1 piece



DENTAURUM ONLINE SHOP shop.dentaurum.com

Other



Ortho Brush
Orthodontic tooth brush.
Ideal for cleaning interproximal areas, fixed brackets and band appliances.

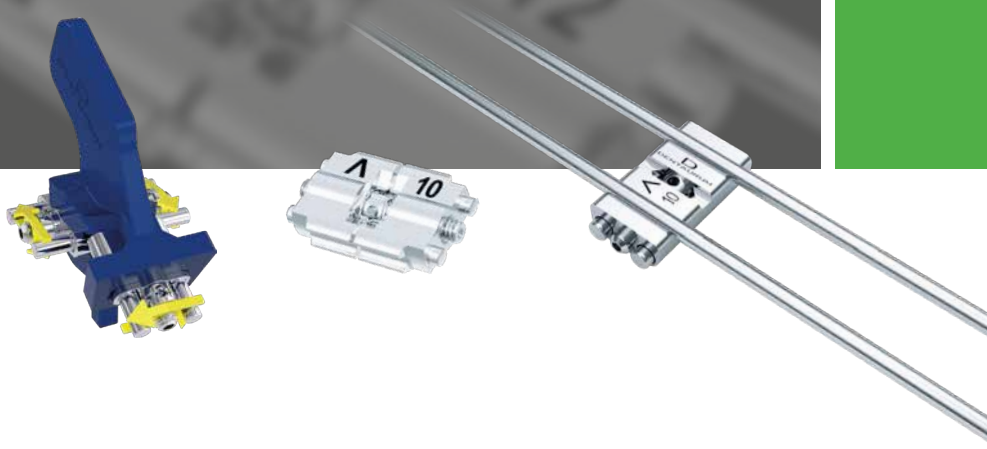
REF 163-300-00	10 pieces

Expansion screws

Standard expansion screws	Page	314
Special expansion screws	Page	317
Variety expansion screws	Page	330
RPE screws	Page	334
Accessories	Page	340

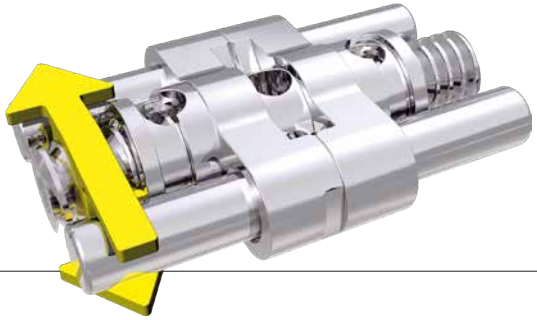
Expansion screws.

Perfect in form, function and design.



DENTAURUM ONLINE SHOP shop.dentaurum.com

Perfect in form, function and design.



A wide range of products.

Dentaurum's selection of stainless steel expansion screws ranges from standard expansion screws to more complex special expansion screws. We have extended our range of special expansion screws with the Neo-bite jumping appliance acc. to F.M. Sander* – a modern, patented three-dimensional Bertoni expansion screw with guide ridges. Titan hyrax® and rematitan® expansion screws, the biocompatible alternatives in pure titanium, round off this wide selection.

Perfect in every detail.

Dentaurum's expansion screws achieve wide expansion despite their small size. The screws are guaranteed to open evenly and not reverse inadvertently thanks to the friction on the thread which has been carefully calculated, and an integrated stop mechanism. High precision manufacture and excellent quality ensure that the screw construction is strong and stable. Additional holes in the body ensure optimal retention in the acrylic.





Dentaurum expansion screws

The right solution for every type of treatment.

Neo-bite jumping appliance acc. to F.M. Sander*

Latest generation of the Sander appliance.

hyrax®

Special expansion screw for palatal expansion.

hyrax® click

The RPE screw with special feature to prevent unwanted reversing.

hyrax® neo

The alternative to the classic hyrax® screw.

Titan hyrax®

The world's first RPE screw in titanium.

Variety

The versatile, multi-functional expansion screw.

Variety click

The special expansion screw with special feature to prevent unwanted reversing.

* Patent owner FEMAdent GmbH & Co. KG

Standard expansion screws



Expansion screw Mini

Material: stainless steel

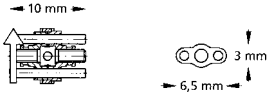
- with **cone-shaped or wide** expansion screw holder
- skeleton design
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart once maximum expansion has been achieved

With expansion screw key, standard (straight, small).

Indication: for transverse expansion and distalization in the mandible or for especially narrow maxillae

Directional arrow: Plastic, white

Maximum expansion	4 x $^1/_4$ turn	REF (cone-shaped)	REF (wide)	Quantity
6.5 mm	= 0.7 mm	**600-300-10**	**600-320-10**	1 piece
6.5 mm	= 0.7 mm	**600-300-30**	**600-320-30**	10 pieces
6.5 mm	= 0.7 mm	**600-300-60**	**600-320-60**	100 pieces





Expansion screw Medium

Material: stainless steel

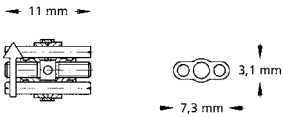
- with **cone-shaped or wide** expansion screw holder
- skeleton design
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart once maximum expansion has been achieved

With expansion screw key straight, standard (straight, small).

Indication: for transverse expansion and distalization in maxilla and mandible

Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^1/_4$ turn	REF (cone-shaped)	REF (wide)	Quantity
7.5 mm	= 0.8 mm	**600-301-10**	**600-321-10**	1 piece
7.5 mm	= 0.8 mm	**600-301-30**	**600-321-30**	10 pieces
7.5 mm	= 0.8 mm	**600-301-60**	**600-321-60**	100 pieces



Standard expansion screws

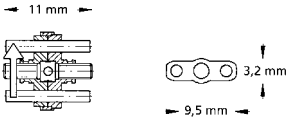
Expansion screw Maxi



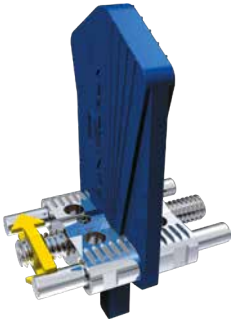
Material: stainless steel
- with **cone-shaped or wide** expansion screw holder
- skeleton design
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart once maximum expansion has been achieved

With expansion screw key straight, standard (straight, small).
Indication: for transverse expansion in the maxilla
Directional arrow: Plastic, neon yellow

Maximum expansion	4 x 1/4 turn	REF (cone-shaped)	REF (wide)	Quantity
7.5 mm	= 0.8 mm	**600-302-10**	**600-322-10**	1 piece
7.5 mm	= 0.8 mm	**600-302-30**	**600-322-30**	10 pieces
7.5 mm	= 0.8 mm	**600-302-60**	**600-322-60**	100 pieces



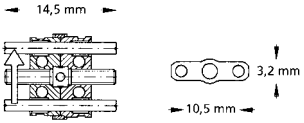
Expansion screw Magnum



Material: stainless steel
- with **cone-shaped** expansion screw holder
- skeleton design
- version: extra strong, with larger screw body
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart

With expansion screw key straight, standard (straight, small).
Indication: for transverse expansion in the maxilla and bimaxillary functional gnatho-orthopedic appliances
Directional arrow: Plastic, neon yellow

Maximum expansion	4 x 1/4 turn	REF	Quantity
11.0 mm	= 0.8 mm	**600-303-10**	1 piece
11.0 mm	= 0.8 mm	**600-303-30**	10 pieces
11.0 mm	= 0.8 mm	**600-303-60**	100 pieces



Standard expansion screws



rematitan® expansion screw Medium

Material: titanium

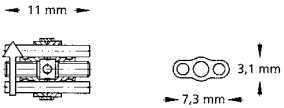
- with **cone-shaped** expansion screw holder
- skeleton design
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart

With expansion screw key, standard (straight, small).

Indication: for transverse expansion and distalization in maxilla and mandible

Directional arrow: Plastic, pearl-blue

Maximum expansion	4 x 1/4 turn	REF	Quantity
7.5 mm	= 0.8 mm	**600-400-10**	1 piece
7.5 mm	= 0.8 mm	**600-400-30**	10 pieces





Trapezoidal expansion screw

Material: stainless steel

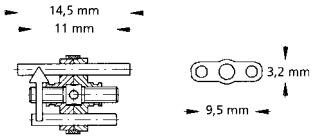
- with **cone-shaped** expansion screw holder
- skeleton design
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart

With expansion screw key, standard (straight, small).

Indication: for transverse expansion of narrow maxillae and as activation screw for bimaxillary functional gnatho-orthopedic appliances

Directional arrow: Plastic, neon yellow

Maximum expansion	4 x 1/4 turn	REF	Quantity
7.5 mm	= 0.8 mm	**600-310-30**	10 pieces



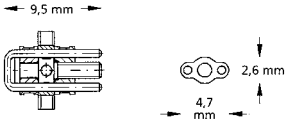
Sectional screw Mini

Material: stainless steel
- with **wide** expansion screw holder
- skeleton design
- guide pins: U-shaped, **straight**

With expansion screw key, standard (straight, small).
Indication: for movement of individual teeth
Directional arrow: printed, blue-yellow



Maximum expansion	4 x 1/4 turn	REF	Quantity
4.0 mm	= 0.35 mm	**600-502-10**	1 piece
4.0 mm	= 0.35 mm	**600-502-30**	10 pieces
4.0 mm	= 0.35 mm	**600-502-60**	100 pieces



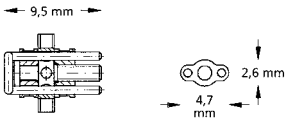
Sectional screw Mini

Material: stainless steel
- with **wide** expansion screw holder
- skeleton design
- guide pins: U-shaped, **angulated facing down**

With expansion screw key, standard (straight, small).
Indication: for movement of individual teeth
Directional arrow: printed, blue-yellow



Maximum expansion	4 x 1/4 turn	REF	Quantity
4.0 mm	= 0.35 mm	**600-503-10**	1 piece
4.0 mm	= 0.35 mm	**600-503-30**	10 pieces
4.0 mm	= 0.35 mm	**600-503-60**	100 pieces



Special expansion screws

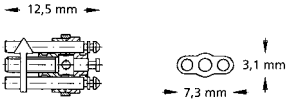


Sectional screw Medium

Material: stainless steel
- with **cone-shaped** expansion screw holder
- skeleton design
- guide pins: **straight**, with mushroom head retention
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart

With expansion screw key, standard (straight, small).
Indication: for distalization and segmentation of appliances, Y plates
Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
6.0 mm	= 0.4 mm	**600-500-10**	1 piece
6.0 mm	= 0.4 mm	**600-500-30**	10 pieces
6.0 mm	= 0.4 mm	**600-500-60**	100 pieces



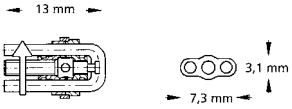


Sectional screw Medium

Material: stainless steel
- with **cone-shaped** expansion screw holder
- skeleton design
- guide pins: U-shaped, **angulated facing down**
- holes in body of screws for better retention in acrylic

With expansion screw key, standard (straight, small).
Indication: for distalization and segmentation of appliances, protrusion of an anterior segment
Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
6.0 mm	= 0.4 mm	**600-501-10**	1 piece
6.0 mm	= 0.4 mm	**600-501-30**	10 pieces
6.0 mm	= 0.4 mm	**600-501-60**	100 pieces

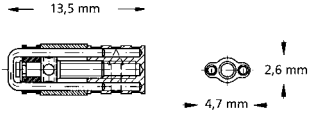


Retraction screw Extra Mini



Material: stainless steel
• with **cone-shaped** expansion screw holder
• screw body: closed
• guide pins: U-shaped, straight
With expansion screw key, standard (straight, small).
Indication: for space closing and movement of individual teeth
Directional arrow: printed, blue-yellow

Maximum retraction	4 x $^1/_4$ turn	REF	Quantity
3.0 mm	= 0.4 mm	**600-602-30**	10 pieces

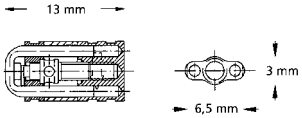


Retraction screw Mini



Material: stainless steel
• with **cone-shaped** expansion screw holder
• screw body: closed
• guide pins: U-shaped, straight
With expansion screw key, standard (straight, small).
Indication: for space closing and movement of individual teeth
Directional arrow: printed, blue-yellow

Maximum retraction	4 x $^1/_4$ turn	REF	Quantity
2.5 mm	= 0.4 mm	**600-601-30**	10 pieces



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Special expansion screws

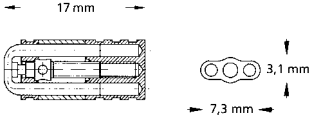


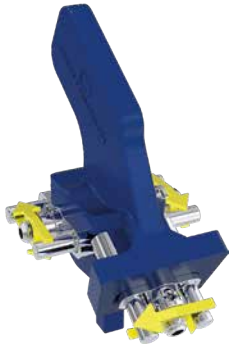
Retraction screw Medium

Material: stainless steel
- with **cone-shaped** expansion screw holder
- screw body: closed
- guide pins: U-shaped, straight

With expansion screw key, standard (straight, small).
Indication: for space closing and movement of individual teeth
Directional arrow: printed, blue-yellow

Maximum retraction	4 x $^{1}/_{4}$ turn	REF	Quantity
4.5 mm	= 0.4 mm	**600-600-30**	10 pieces





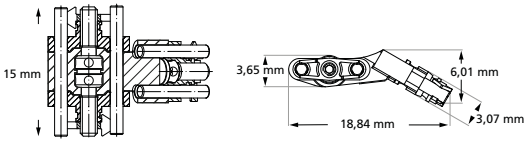
Neo-Bertoni three dimensional screw – three movements (type A)

Material: stainless steel
- anatomically angled multi-dimensional screw
- three independently controlled movements
- same total expansion per segment

With expansion screw key, standard (straight, small).
Indication: for combined transverse and protrusion movements with Y-plates
Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^{1}/_{4}$ turn	REF	Quantity
3.5 mm / segment	= 0.40 mm / segment	**600-131-10**	1 piece

NEW



Neo-Bertoni three dimensional screw – two movements (type B)



Material: stainless steel
- anatomically angled multi-dimensional screw
- two independently controlled movements (symmetrical transverse expansion)
- same total expansion per segment

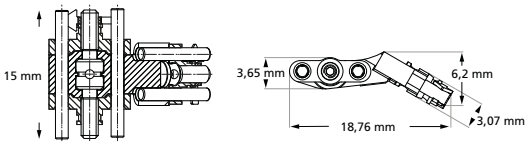
With expansion screw key, standard (straight, small).

Indication: for combined transverse and protrusion movements with Y plates

Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
3.5 mm / segment	= 0.40 mm / segment	**600-132-10**	1 piece

NEW



Neo-Bertoni 3D



Material: stainless steel
- anatomical, individually adjustable three dimensional screw
- front segment can be adapted individually to the palate
- two independently controlled movements (symmetrical transverse expansion)
- same total expansion per segment

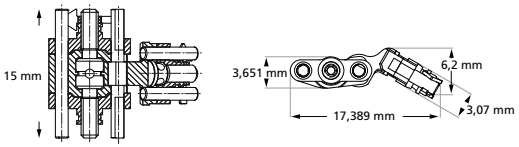
With expansion screw key, standard (straight, small).

Indication: for combined transverse and protrusion movements with Y plates

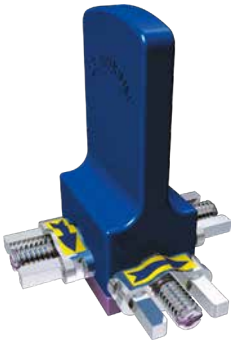
Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
3.5 mm / segment	= 0.40 mm / segment	**600-133-10**	1 piece

NEW



Special expansion screws

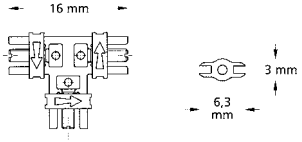


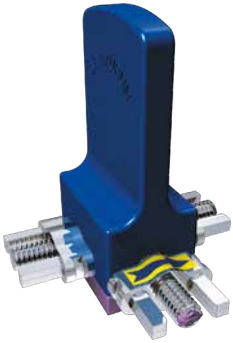
Three dimensional screw acc. to Bertoni – three movements (type A)

Material: stainless steel
- strengthened guides
- three independently controlled movements
- same total expansion per segment

With expansion screw key straight, standard (straight, small).
Indication: for combined transverse and protrusion movements with Y plates
Directional arrow: printed, blue-yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
4.0 mm / segment	= 0.35 mm / segment	**602-605-10**	1 piece



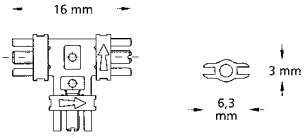


Three dimensional screw acc. to Bertoni – two movements (type B)

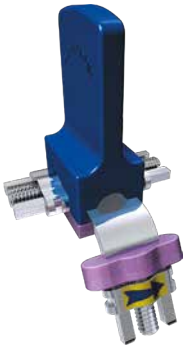
Material: stainless steel
- strengthened guides
- two independently controlled movements (symmetrical transverse expansion)
- same total expansion per segment

With expansion screw key straight, standard (straight, small).
Indication: for combined transverse and protrusion movements with Y plates
Directional arrow: printed, blue-yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
4.0 mm / segment	= 0.35 mm / segment	**602-606-10**	1 piece



Special expansion screws

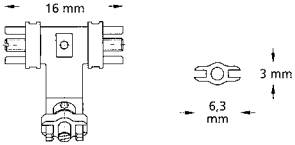


Three dimensional screw acc. to Steiner

Material: stainless steel
- strengthened guides
- individually adjustable middle bar for adapting to different palatal vault curvatures
- two independently controlled movements (symmetrical transverse expansion)
- same total expansion per segment

With expansion screw key, standard (straight, small).
Indication: for combined transverse and protrusion movements with Y plates
Directional arrow: printed, blue-yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
4.0 mm / segment	= 0.35 mm / segment	**602-604-10**	1 piece



DENTAURUM ONLINE SHOP shop.dentaurum.com

Special expansion screws



Fan-type expansion screw

Material: stainless steel
• with **wide** expansion screw holder
• plate sections are opened fanwise
With expansion screw key straight, standard (straight, small).
Indication: for maxillary anterior or posterior expansion
Directional arrow: printed, blue-yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
7.0 mm	= 0.8 mm	**606-600-00**	1 piece
7.0 mm	= 0.8 mm	**606-600-30**	10 pieces

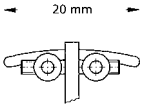




Mandibular bow screw acc. to Müller

Material: stainless steel
• with **cone-shaped** expansion screw holder
• minimal fan-type opening of the arch screw, according to the anterior arch
With expansion screw key straight, standard (straight, small).
Indication: for transverse expansion of the mandibular anterior arch
Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
5.0 mm	= 0.8 mm	**606-701-00**	1 piece
5.0 mm	= 0.8 mm	**606-701-30**	10 pieces



Special expansion screws

Neo-bite jumping appliance acc. to F.M. Sander*, set

Material: stainless steel

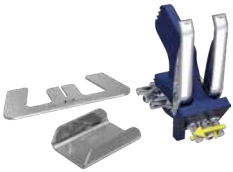
Patented, three-dimensional Bertoni expansion screw with guide ridges for forward thrust acc. to F.M. Sander*. The lastest generation of the Sander appliance allows, alongside class II/1 treatment, corrections in class II/2 thanks to the sagittal expansion element.

REF 600-120-00	1 set

Contents:

1 x Neo-bite jumping appliance acc. to F.M. Sander	REF 600-121-10
1 x Neo-bite jumping appliance mounting template	REF 600-122-00
1 x Neo-bite jumping appliance guide template (for inclined plane)	REF 600-123-00

NEW



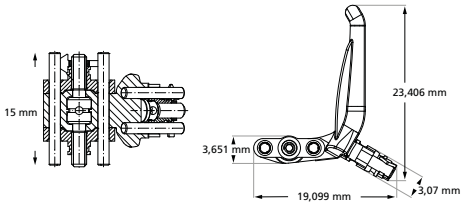
Neo-bite jumping appliance acc. to F.M. Sander*

Material: stainless steel

Directional arrow: Plastic, neon yellow

Maximum expansion	4 x $^{1}/_{4}$ turn	REF	Quantity
4.0 mm / segment	= 0.35 mm / segment	**600-121-10**	1 piece

NEW





Neo-bite jumping appliance mounting template

acc. to Sander & Höbel

The angle to the occlusal plane can be adapted to each individual patient in combination with the slots at 55°, 60° and 65° in the expansion screw holder of the neo-bite jumping appliance.

REF 600-122-00	1 piece

NEW



Neo-bite jumping appliance guide template

acc. to Sander & Höbel

To produce an inclined plane in the mandible.

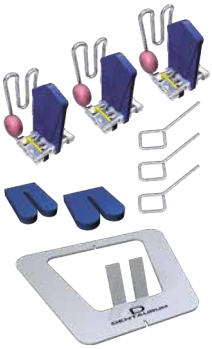
REF 600-123-00	10 pieces

NEW



* Patent owner FEMAdent GmbH & Co. KG

Special expansion screws



Flexible forward thrust double plate system acc. to Schaneng, set

Material: stainless steel

- flexible intermaxillary element
- maxillary screws with intermaxillary guide ridge for forward thrust double plate. Double loop, wax coated

With expansion screw key, standard (straight, small).

Indication: for treatment of Angle Class II/1 (distoclusion), for advancement of the mandible

REF 600-000-00	1 set

Contents:

3 x screw for maxilla with guide ridge for forward thrust double plate	REF 600-001-00
1 x adapter, narrow	REF 600-003-00
1 x adapter, wide	REF 600-004-00
1 x locating template	REF 600-005-00



Guide ridge for flexible forward thrust double plate system acc. to Schaneng

With double loop, wax coated.

Material: stainless steel

Length of guide ridge: 14.0 mm

Version	REF	Quantity	REF	Quantity
with palatal expansion screw	**600-001-00**	1 piece	**600-001-30**	10 pieces
without palatal expansion screw	**600-002-00**	1 piece	**600-002-30**	10 pieces



Guide ridge adapter for flexible forward thrust double plate system acc. to Schaneng

To produce the diagonal level in the mandibular.

Adapter	Width	REF	Quantity
narrow	14.0 mm	**600-003-00**	10 pieces
wide	18.0 mm	**600-004-00**	10 pieces



Locating template acc. to Schaneng

Locating template to produce the 60° angle of inclination.

Material: stainless steel

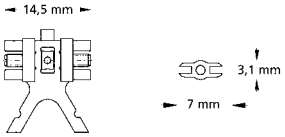
REF 600-005-00	1 piece

Expansion screw for split activator



Material: stainless steel
• with **cone-shaped** expansion screw holder
• strengthened guides
With expansion screw key, standard (straight, small).
Indication: for separate expansion of maxilla and mandible
Directional arrow: printed, blue-yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
7.0 mm	= 0.8 mm	**600-610-00**	1 piece
7.0 mm	= 0.8 mm	**600-610-30**	10 pieces

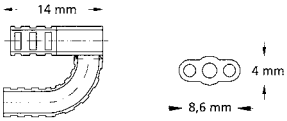


Expansion screw for progenia activator acc. to Weise



Material: stainless steel
• without expansion screw holder
• for fabricating horizontally split activators, which allow connection and shifting of both split planes
• stable connection of the maxillary plate with the mandibular plate using a strong U-shaped bar
With expansion screw key, standard (straight, small).
Indication: for the treatment of Angle Class III (progenia), for distal shifting of the mandible
Directional arrow: printed, blue-yellow

Maximum expansion	4 x $^1/_4$ turn	REF	Quantity
5.0 mm	= 0.9 mm	**603-000-00**	1 piece



Special expansion screws



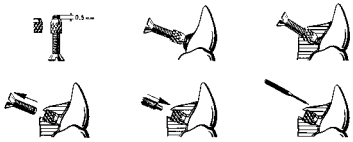
Piston spring screws, set

Material: stainless steel

- delicate design
- constant, elastic and finely controllable pressure on the tooth to be moved
- a protrusion of up to 7 mm can be attained according to the progress of treatment using three different lengths of screws (4 / 6 / 8 mm)

Indication: for movement of individual teeth

4 x $^1/_4$ turn = 0.35 mm



REF 609-500-00	1 set

Contents:

10 x piston spring screw, 4 mm	REF 609-004-00
10 x piston spring screw, 6 mm	REF 609-006-00
10 x piston spring screw, 8 mm	REF 609-008-00
10 x positioning screw	REF 609-100-00
10 x serrated housing nut	REF 609-200-30
1 x reamer	REF 609-300-01
1 x screwdriver	REF 609-400-00



Piston spring screw

Material: stainless steel

- delicate design
- constant, elastic and finely controllable pressure on the tooth to be moved

Indication: for movement of individual teeth

Length	4 x $^1/_4$ turn	REF	Quantity
4.0 mm	= 0.35 mm	**609-004-00**	10 pieces
6.0 mm	= 0.35 mm	**609-006-00**	10 pieces
8.0 mm	= 0.35 mm	**609-008-00**	10 pieces



Positioning screw

For piston spring screw.

To position the piston spring screw into the acrylic.

Material: stainless steel

Length	REF	Quantity
12.0 mm	**609-100-00**	10 pieces



Serrated housing nut

For piston spring screw.

To position into acrylic or to weld onto wire elements.

Material: stainless steel

Length	REF	Quantity
3.0 mm	**609-200-30**	10 pieces

Special expansion screws

Reamer

For piston spring screw.

Material: stainless steel

REF 609-300-01	1 piece

NEW



Screwdriver

For piston spring screw.

To activate the piston spring screw.

Material: aluminum

REF 609-400-00	1 piece



DENTAURUM ONLINE SHOP shop.dentaurum.com

Variety expansion screws



Variety click Mini – 8

Monoguided special expansion screw with click feature to prevent unwanted reversing. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- optimal screw locking during the active treatment phase
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- break resistant retention legs and stable guidance throughout the entire expansion
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
8.0 mm	**602-836-12**	**602-836-10**	1 piece
8.0 mm	**602-836-32**	**602-836-30**	10 pieces



Variety click SP (small palate) Mini – 8

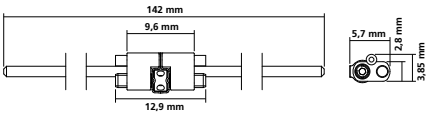
Monoguided special expansion screw with click feature to prevent unwanted reversing. For the fixed appliance technique. Can be widely used in the upper and lower jaw, for distalization, mesialization of posterior teeth, or for space closure by moving individual teeth. Also for early palatal expansion.

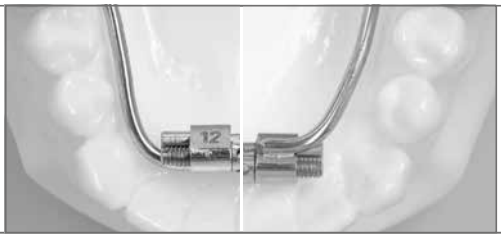
- optimal screw locking during the active treatment phase
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- break resistant retention legs and stable guidance throughout the entire expansion
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
8.0 mm	**602-838-12**	**602-838-10**	1 piece
8.0 mm	**602-838-32**	**602-838-30**	10 pieces

Dimensions Variety click / Variety click SP Mini – 8





Variety expansion screws

Variety click Maxi – 12



Monoguided special expansion screw with click feature to prevent unwanted reversing. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- optimal screw locking during the active treatment phase
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- break resistant retention legs and stable guidance throughout the entire expansion
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 17.2 mm
Screw body: 9.6 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel



Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
12.0 mm	**602-837-12**	**602-837-10**	1 piece
12.0 mm	**602-837-32**	**602-837-30**	10 pieces

Variety click SP (small palate) Maxi – 12



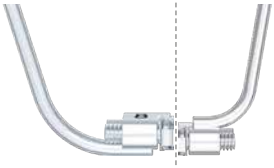
Monoguided special expansion screw with click feature to prevent unwanted reversing. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- optimal screw locking during the active treatment phase
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- break resistant retention legs and stable guidance throughout the entire expansion
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

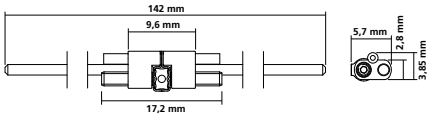
Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 17.2 mm
Screw body: 9.6 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
12.0 mm	**602-839-12**	**602-839-10**	1 piece
12.0 mm	**602-839-32**	**602-839-30**	10 pieces

Variety click | Variety click SP



Dimensions Variety click / Variety click SP Maxi – 12



Variety expansion screws



Variety Mini – 8

Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- small dimensions with maximum expansion
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
8.0 mm	**602-815-12**	**602-815-10**	1 piece
8.0 mm	**602-815-32**	**602-815-30**	10 pieces



Variety SP (small palate) Mini – 8

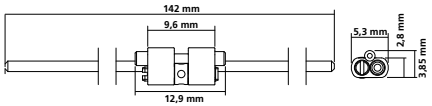
Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

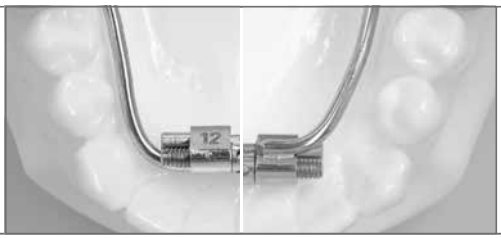
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 12.9 mm
Screw body: 9.6 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
8.0 mm	**602-819-12**	**602-819-10**	1 piece
8.0 mm	**602-819-32**	**602-819-30**	10 pieces

Dimensions Variety / Variety SP Mini – 8





Variety expansion screws

Variety Maxi – 12



Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

- small dimensions with maximum expansion
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 14.9 mm
Screw body: 9.6 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel



Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
12.0 mm	**602-806-12**	**602-806-10**	1 piece
12.0 mm	**602-806-32**	**602-806-30**	10 pieces

Variety SP (small palate) Maxi – 12

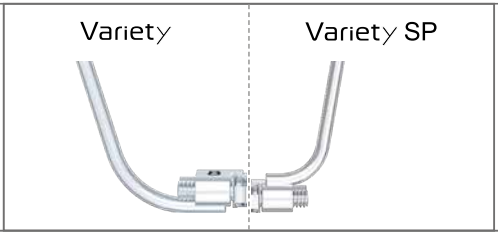


Monoguided special expansion screw. Primarily for treatment of malocclusions in the mandible using fixed appliances, e.g. for distalization, mesialization or for space closure by moving individual teeth. Also for early palatal expansion.

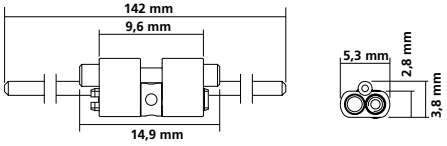
- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Assembly dimension: 14.9 mm
Screw body: 9.6 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
12.0 mm	**602-809-12**	**602-809-10**	1 piece
12.0 mm	**602-809-32**	**602-809-30**	10 pieces



Dimensions Variety / Variety SP Maxi – 12



RPE screws



Titan hyrax® Maxi – 12

RPE screw of titanium

For rapid palatal expansion by means of fixed appliances.

The screw is anchored to the teeth using cast titanium and laser-welded cap splints or alternatively using acrylic cap splints fabricated from Orthocryl® acrylic.

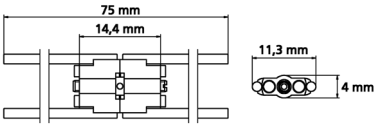
Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.

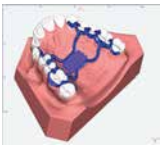
Screw body: 14.4 mm

4 x $^{1}/_{4}$ turn = 0.8 mm

Material: titanium

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
12.0 mm	**602-810-12**	**602-810-10**	1 piece
12.0 mm	**602-810-32**	**602-810-30**	10 pieces







rematitan® straight wire

Titanium grade 1

For laser welding.

Norm: DIN EN ISO 28319, DIN EN ISO 5832-2

ø	Length	REF	Quantity
1.00 mm / 39	each 100 mm	**528-041-00**	10 pieces
1.20 mm / 47	each 100 mm	**528-042-00**	10 pieces

L.O.M. LASER OPTIMIZED MATERIAL

hyrax® click Mini – 7

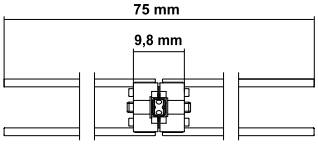


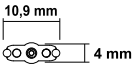
RPE screw with click feature to prevent unwanted reversing
For effective and reliable rapid palatal expansion by means of fixed appliances.

- optimal screw locking during the active treatment phase
- reliable activation / deactivation of the screw with clearly perceptible click after a 1/4 turn
- no accidental reversing when pulling out safety key during activation
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- break resistant retention legs, stable guidance throughout complete expansion
- offset body for earliest possible angling of the retention legs
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 9.8 mm
4 x 1/4 turn = 0.8 mm
Material: stainless steel

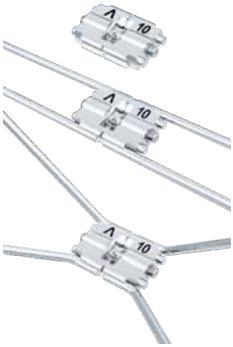
Maximum expansion	REF (without retention legs)	REF (straight retention legs)	REF (angulated retention legs)	Quantity
7.0 mm	**602-830-12**	**602-830-10**	**602-831-10**	1 piece
7.0 mm	**602-830-32**	**602-830-30**	**602-831-30**	10 pieces







hyrax® click Medium – 10

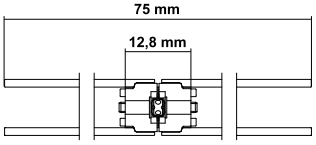


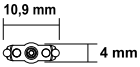
RPE screw with click feature to prevent unwanted reversing
For effective and reliable rapid palatal expansion by means of fixed appliances.

- optimal screw locking during the active treatment phase
- reliable activation / deactivation of the screw with clearly perceptible click after a 1/4 turn
- no accidental reversing when pulling out safety key during activation
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- break resistant retention legs, stable guidance throughout complete expansion
- offset body for earliest possible angling of the retention legs
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 12.8 mm
4 x 1/4 turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	REF (angulated retention legs)	Quantity
10.0 mm	**602-832-12**	**602-832-10**	**602-833-10**	1 piece
10.0 mm	**602-832-32**	**602-832-30**	**602-833-30**	10 pieces





RPE screws



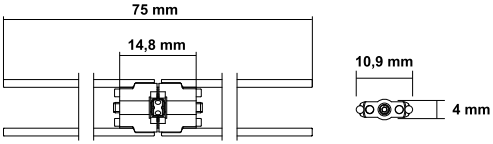
hyrax® click Maxi – 12

RPE screw with click feature to prevent unwanted reversing
For effective and reliable rapid palatal expansion by means of fixed appliances.

- optimal screw locking during the active treatment phase
- reliable activation / deactivation of the screw with clearly perceptible click after a $^1/_4$ turn
- no accidental reversing when pulling out safety key during activation
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- break resistant retention legs, stable guidance throughout complete expansion
- offset body for earliest possible angling of the retention legs
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 14.8 mm
4 x $^1/_4$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	REF (angulated retention legs)	Quantity
12.0 mm	**602-834-12**	**602-834-10**	**602-835-10**	1 piece
12.0 mm	**602-834-32**	**602-834-30**	**602-835-30**	10 pieces





tomas®-RPE eyelet

(coupling element for RPE screws)
Eyelet for direct coupling between tomas®-pin with all hyrax® RPE screws with two supports for easier placement on working model.
Can be used for hybrid RPE appliance or skeletal RPE appliance using Pin-Last© approach.

Outer ø eyelet	Inner ø eyelet	Thickness eyelet	REF	Quantity
5.0 mm	top 3.0 mm bottom 2.3 mm	1.5 mm	**302-602-00**	12 pieces + 2 holders

hyrax® Mini – 7



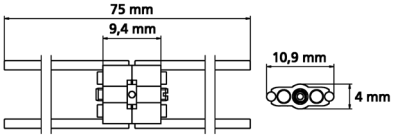
RPE screw

For rapid palatal expansion by means of fixed appliances.

- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- break resistant retention legs, stable guidance throughout complete expansion
- offset body for earliest possible angling of the retention legs
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

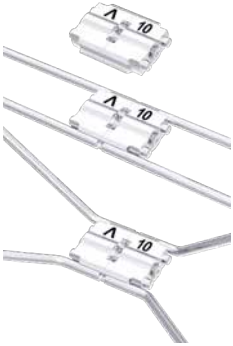
Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 9.4 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	REF (angulated retention legs)	Quantity
7.0 mm	**602-800-12**	**602-800-10**	**602-801-10**	1 piece
7.0 mm	**602-800-32**	**602-800-30**	**602-801-30**	10 pieces





hyrax® Medium – 10



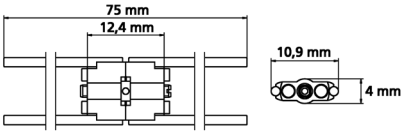
RPE screw

For rapid palatal expansion by means of fixed appliances.

- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- break resistant retention legs, stable guidance throughout complete expansion
- offset body for earliest possible angling of the retention legs
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 12.4 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	REF (angulated retention legs)	Quantity
10.0 mm	**602-808-12**	**602-808-10**	**602-840-10**	1 piece
10.0 mm	**602-808-32**	**602-808-30**	**602-840-30**	10 pieces



RPE screws



hyrax® Maxi – 12

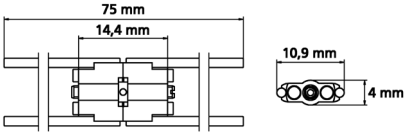
RPE screw

For rapid palatal expansion by means of fixed appliances.

- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- small dimensions with maximum expansion
- break resistant retention legs, stable guidance throughout complete expansion
- offset body for earliest possible angling of the retention legs
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and max. expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 14.4 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	REF (angulated retention legs)	Quantity
12.0 mm	**602-811-12**	**602-811-10**	**602-812-10**	1 piece
12.0 mm	**602-811-32**	**602-811-30**	**602-812-30**	10 pieces





hyrax® neo Mini – 7

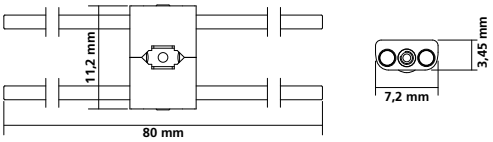
RPE screw

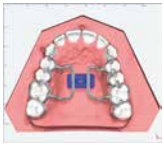
For rapid palatal expansion by means of a fixed appliance.

- (no active) expansion stop
- small dimensions with maximum expansion
- TAD-optimized design
- break resistant retention legs, stable guidance throughout complete expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and maximum expansion
- screw can be tied down once desired expansion has been reached

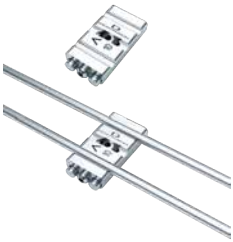
Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 11.2 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
7.0 mm	**602-845-12**	**602-845-10**	1 piece
7.0 mm	**602-845-32**	**602-845-30**	10 pieces





hyrax® neo Medium – 10



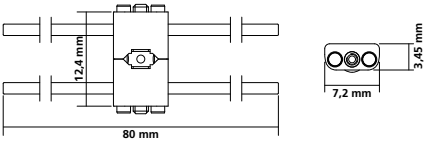
RPE screw

For rapid palatal expansion by means of a fixed appliance.

- (no active) expansion stop
- small dimensions with maximum expansion
- TAD-optimized design
- break resistant retention legs, stable guidance throughout complete expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and maximum expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 12.4 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
10.0 mm	**602-846-12**	**602-846-10**	1 piece
10.0 mm	**602-846-32**	**602-846-30**	10 pieces



hyrax® neo Maxi – 12



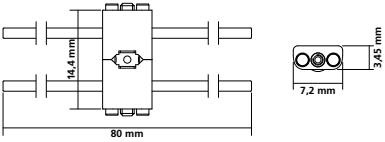
RPE screw

For rapid palatal expansion by means of a fixed appliance.

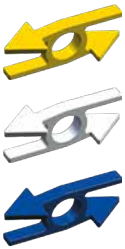
- (no active) expansion stop
- small dimensions with maximum expansion
- TAD-optimized design
- break resistant retention legs, stable guidance throughout complete expansion
- the integrated spindle friction prevents unwanted reversing
- permanently laser marked arrow on the body of the screw indicates the opening direction and maximum expansion
- screw can be tied down once desired expansion has been reached

Pack (1 piece) with 1 safety key, pack (10 pieces) with 10 safety keys.
Screw body: 14.4 mm
4 x $^{1}/_{4}$ turn = 0.8 mm
Material: stainless steel

Maximum expansion	REF (without retention legs)	REF (straight retention legs)	Quantity
12.0 mm	**602-847-12**	**602-847-10**	1 piece
12.0 mm	**602-847-32**	**602-847-30**	10 pieces



Accessories



Arrow to indicate the opening direction

For expansion screws.

Color	REF	Quantity
yellow	**611-130-00**	50 pieces
white	**611-131-00**	50 pieces
pearl-blue	**611-132-00**	50 pieces



Universal bending key

Easy bending of the retention legs of all hyrax® and Variety screws without using any additional pliers (leverage principle).
Material: stainless steel

REF 611-122-00	1 piece



Safety key

Can be used with all Dentaurum hyrax® and Variety screws.
For safe intra-oral activation of the expansion screws in fixed appliances.

REF 611-120-01	10 pieces



Expansion screw key, standard

straight, small

Can be used with all Dentaurum expansion screws.
To activate all expansion screws in removable appliances (outside of the mouth).
Material: stainless steel

REF 611-115-00	1 piece
REF 611-115-30	10 pieces
REF 611-115-60	100 pieces



Expansion screw key, large

with elongated handle

Can be used with all Dentaurum expansion screws.
To activate all expansion screws in removable appliances (outside of the mouth).
Material: stainless steel

REF 611-116-00	1 piece

Accessories

Expansion screw sample kit

The kit includes a selection from Dentaurum's large range of expansion screws and is for promotional and demonstration purposes only. The content of this kit is not certified for use on patients!
Filled with 27 expansion screws that are on stock, 2 expansion screw keys and 1 universal bending key. **1 set = 30 pieces.**

REF 612-000-00	1 set



Wedge gauge

For checking the gap width on palatal expanders.

REF 043-720-00	1 piece



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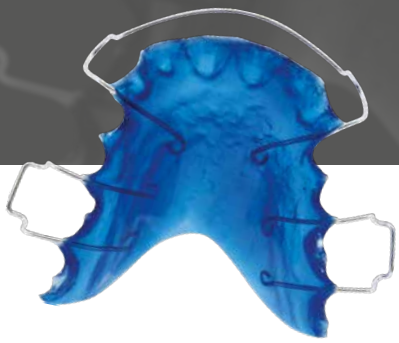
Orthodontic acrylics

Orthocryl® LC	Page	348
Orthocryl® / Assortments	Page	350
Orthocryl® / Single packs	Page	351
Disco glitter	Page	353
Decals	Page	354
Accessories	Page	358

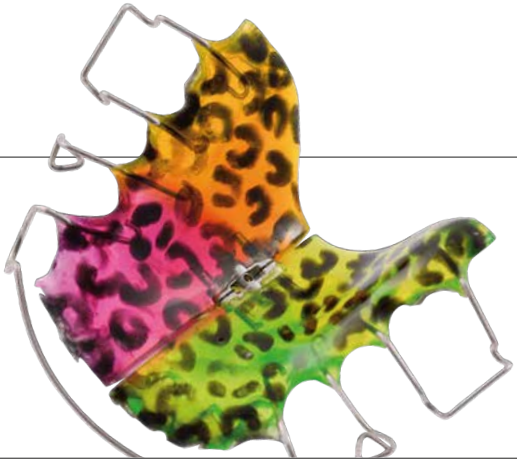
Orthodontic acrylics.

Vibrant colors – fascinating varieties.





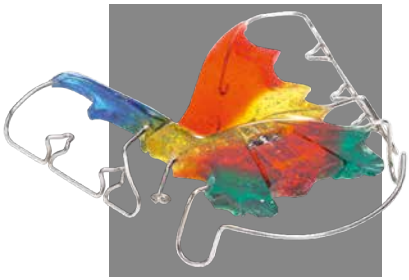
DENTAURUM ONLINE SHOP shop.dentaurum.com



The versatile acrylic system.

Orthocryl® has been a fixture in orthodontic laboratories for 60 years. For generations, it has combined excellent product characteristics and easy handling.

There are no limits to your creativity, regardless of whether you choose black, white or multi-color – Orthocryl® offers maximum freedom in design with its variety of lively colors, glitter and decals. Apart from the conventional cold-curing acrylic, Orthocryl® is also available as light-curing material. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. It is light-curing, time-saving and easy to use.





Orthocryl® LC
The light-curing acrylic.

Orthocryl®
Suited for the salt-and-pepper technique.

Orthocryl® Neon
Vivid colors.

Orthocryl® EQ
Suited for the doughing technique.

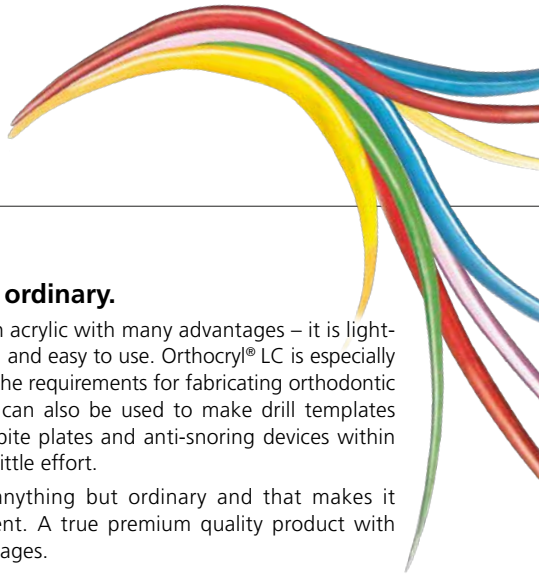
Orthocryl® black & white
High-contrast, versatile.

A wide range of field-proven accessories
All from one source.



Orthocryl® LC

The light-curing acrylic for orthodontists.



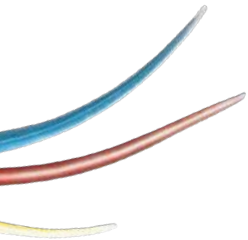
Anything but ordinary.

Orthocryl® LC is an acrylic with many advantages – it is light-curing, time-saving and easy to use. Orthocryl® LC is especially designed to meet the requirements for fabricating orthodontic appliances. But it can also be used to make drill templates for implantology, bite plates and anti-snoring devices within seconds and with little effort.

Orthocryl® LC is anything but ordinary and that makes it delightfully different. A true premium quality product with undeniable advantages.

Advantages:

- Extremely easy to use.
- Saves time and material.
- Optimal flowability.
- Wide range of applications.
- Completely odorless.
- Biocompatible.





Easy to use and flexible.

Orthocryl® LC is extremely easy to use. The product is delivered ready to use in black, opaque cartridges. Time-consuming preparation steps have become superfluous: the acrylic does not have to be doughed or salt-and-peppered anymore.

The material can be directly applied from the cartridge to the prepared model. The application injector helps to apply the right dosage in the right spot. The easy handling saves both a great amount of time when processing and finishing the appliance and a lot of material.

Due to its optimal flowability, Orthocryl® LC can be easily adapted to the prepared model.

Orthocryl® LC is available in three colors. Adding Disco glitter or decals from the extensive Orthocryl® program makes each appliance unique.



Orthocryl® LC



Orthocryl® LC starter set

Light-curing acrylic.

REF 160-400-00	1 set

Contents:

2 x Orthocryl® LC, clear	REF 160-401-00
2 x Orthocryl® LC, transparent pink	REF 160-402-00
2 x Orthocryl® LC, blue	REF 160-404-00
1 x injector for Orthocryl® LC	REF 160-420-00
50 x cartridge tip for Orthocryl® LC	REF 160-421-00



Orthocryl® LC starter set, clear

Light-curing acrylic.

REF 160-400-20	1 set

Contents:

6 x Orthocryl® LC, clear	REF 160-401-00
1 x injector for Orthocryl® LC	REF 160-420-00
50 x cartridge tip for Orthocryl® LC	REF 160-421-00

Orthocryl® LC

Light-curing acrylic in opaque cartridge.

Color	REF	Quantity
clear	**160-401-00**	30 g
transparent pink	**160-402-00**	30 g
blue	**160-404-00**	30 g



Bite paste

For Orthocryl® LC.
Color: transparent

REF 160-410-00	50 g



Injector

For Orthocryl® LC.

REF 160-420-00	1 piece



Cartridge tip

For Orthocryl® LC.

REF 160-421-00	50 pieces



Cleaning liquid

For Orthocryl® LC.

REF 160-430-00	100 ml



Stand for cartridges

For Orthocryl® LC. Fits 6 cartridges.
Material: Plastic
Do not use disinfectants containing ethanol, phenol or alcohol.
Dimensions: approx. 170 mm x 110 mm x 110 mm (W x H x D)
Color: transparent, clear

REF 160-422-00	1 piece



Orthocryl® / Assortments



Orthocryl® starter set, clear

REF 161-912-00	1 set

Contents:

1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), clear	REF 161-100-00
1 x separating medium	REF 162-800-00
2 x spray bottle	REF 162-100-00
1 x measuring beaker	REF 162-200-00
1 x funnel	REF 162-600-00
1 x spray nozzle for powder (polymer)	REF 162-751-00
1 x spray nozzle for liquid (monomer)	REF 162-752-00



Orthocryl® set, small

Small set 200 g powder (polymer) and 100 ml liquid (monomer)

Color	REF	Quantity
transparent pink	**160-501-00**	1 set
clear	**160-502-00**	1 set



Orthocryl® multi-colored palette, assortment

REF 160-600-00	1 assortment

Contents:

1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), red	REF 161-127-00
1 x Orthocryl® liquid (monomer), green	REF 161-128-00
1 x Orthocryl® liquid (monomer), blue	REF 161-129-00
1 x Orthocryl® liquid (monomer), yellow	REF 161-130-00
1 x funnel	REF 162-600-00



Orthocryl® Neon assortment

Brightly colored acrylic

Liquid (monomer)

Brightly colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00 / 160-212-00). Disco glitter can also be used to enhance the effect of the colors.

REF 160-700-00	1 assortment

Contents:

1 x Orthocryl® powder (polymer), clear	REF 160-112-00
1 x Orthocryl® liquid (monomer), neon yellow	REF 161-135-00
1 x Orthocryl® liquid (monomer), neon orange	REF 161-136-00
1 x Orthocryl® liquid (monomer), neon pink	REF 161-137-00
1 x Orthocryl® liquid (monomer), neon green	REF 161-138-00
1 x Orthocryl® liquid (monomer), neon blue	REF 161-139-00
1 x funnel	REF 162-600-00

Orthocryl®

Powder (polymer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal stability using the salt-and-pepper technique.**
Also very suitable for the doughing technique.



Color	REF	Quantity	REF	Quantity
clear	**160-112-00**	1 kg	**160-212-00**	10 kg

Orthocryl® EQ

Powder (polymer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal flowability using the doughing technique.**
Also very suitable for the salt-and-pepper technique.



Color	REF	Quantity	REF	Quantity
clear	**160-300-00**	1 kg	**160-301-00**	10 kg

Orthocryl® black & white

Powder (polymer), opaque

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. **Optimal stability using the salt-and-pepper technique.**
Also very suitable for the doughing technique.



Color	REF	Quantity	REF	Quantity
black	**160-011-00**	200 g	**160-013-00**	1 kg
white	**160-012-00**	200 g	**160-014-00**	1 kg

Orthocryl® Neon

Brightly colored acrylic
Liquid (monomer)

Brightly colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00 / 160-212-00). Disco glitter can also be used to enhance the effect of the colors.



Color	REF	Quantity
neon yellow	**161-135-00**	250 ml
neon orange	**161-136-00**	250 ml
neon pink	**161-137-00**	250 ml
neon green	**161-138-00**	250 ml
neon blue	**161-139-00**	250 ml

Orthocryl® / Single packs



Orthocryl®

Liquid (monomer)

Cold curing acrylic resin with wide range of processing options permitting the efficient fabrication of orthodontic appliances.

Color	REF	Quantity	REF	Quantity	REF	Quantity
red	**161-127-00**	250 ml				
green	**161-128-00**	250 ml				
blue	**161-129-00**	250 ml				
yellow	**161-130-00**	250 ml				
turquoise	**161-131-00**	250 ml				
pink	**161-132-00**	250 ml				
emerald green	**161-133-00**	250 ml				
violet	**161-134-00**	250 ml				
clear			**161-100-00**	500 ml	**161-150-00**	1000 ml
transparent pink			**161-300-00**	500 ml	**161-350-00**	1000 ml



Orthocryl®

Color concentrate

For tinting clear Orthocryl® liquid (monomer, REF 161-100-00 / 161-150-00). With one dispensing pipette.

Color	Mixing ratio	REF	Quantity
red	1 : 10	**161-620-00**	100 ml
blue	1 : 50	**161-622-00**	100 ml

Mixing ratio:

	Liquid, clear	Color concentrate	Liquid, clear	Color concentrate
1 : 10 (red)	100 ml	10 ml	50 ml	5 ml
1 : 50 (blue)	100 ml	2 ml	50 ml	1 ml

Orthocryl® Disco glitter

For coloring the removable appliances. The glitter is simply added as desired to the Orthocryl® powder (polymer) to give the appliance an attractive luster. No change in the processing of Orthocryl® is necessary. The appliances can be finished and polished without difficulty.

Mixing ratio:

0.5 : 100 (by volume glitter : powder)



Color	REF	Quantity
iris	**161-605-00**	50 g
red	**161-606-00**	50 g
blue	**161-607-00**	50 g
silver	**161-608-00**	50 g
gold	**161-609-00**	50 g
mother-of-pearl	**161-611-00**	50 g

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Decals



Decals, assortment

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Contents:

Assortment consists of 20 individual designs
20 pieces each = 400 pieces, plus tweezers.

REF 160-100-00	1 assortment

Contents:

20 x Crocodile	REF 160-100-01
20 x Frog	REF 160-100-02
20 x Parrot	REF 160-100-04
20 x Ladybug	REF 160-100-05
20 x Dragon	REF 160-100-06
20 x Fish	REF 160-100-07
20 x Formula 1 (Indy racecar)	REF 160-100-09
20 x Elephant	REF 160-100-10
20 x Heart	REF 160-100-11
20 x Duck	REF 160-100-12
20 x Dinosaur	REF 160-100-13
20 x Motorcycle	REF 160-100-14
20 x Snail	REF 160-100-15
20 x Teddy bear	REF 160-100-16
20 x Mushrooms	REF 160-100-18
20 x Car	REF 160-100-19
20 x Raven	REF 160-100-27
20 x Devil	REF 160-100-29
20 x Soccer player	REF 160-100-31
20 x Mouse	REF 160-100-45



Decal Football

Sheet with two different sizes of design

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

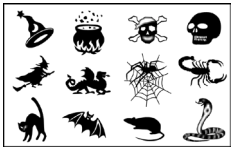
Motif	REF	Quantity
Football	**160-100-39**	1 sheet = 20 pieces



Decal Beaver

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Beaver	**160-100-40**	1 sheet = 20 pieces



Decals Black Edition

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Black Edition	**160-100-41**	1 sheet = 12 motifs

Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Hello Beaver	**160-100-42**	2 sheets = 20 pieces
Horse	**160-100-43**	2 sheets = 20 pieces
Pink Pony	**160-100-44**	2 sheets = 20 pieces
Unicorn	**160-100-46**	2 sheets = 20 pieces



Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Crocodile	**160-100-01**	20 pieces
Frog	**160-100-02**	20 pieces
Parrot	**160-100-04**	20 pieces



Decals



Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Ladybug	**160-100-05**	20 pieces
Dragon	**160-100-06**	20 pieces
Fish	**160-100-07**	20 pieces
Formula 1 (Indy Racecar)	**160-100-09**	20 pieces
Elephant	**160-100-10**	20 pieces
Heart	**160-100-11**	20 pieces
Duck	**160-100-12**	20 pieces
Dinosaur	**160-100-13**	20 pieces
Motorcycle	**160-100-14**	20 pieces
Snail	**160-100-15**	20 pieces

Decal

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Motif	REF	Quantity
Teddybear	**160-100-16**	20 pieces
Mushrooms	**160-100-18**	20 pieces
Car	**160-100-19**	20 pieces
Raven	**160-100-27**	20 pieces
Spider	**160-100-28**	20 pieces
Devil	**160-100-29**	20 pieces
Graffiti	**160-100-30**	20 pieces
Soccer Player	**160-100-31**	20 pieces
Mouse	**160-100-45**	20 pieces
Dolphin	**160-100-34**	20 pieces



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Accessories



Spray bottle

For powder (polymer) and liquid (monomer).

Capacity	REF	Quantity
100 ml	**162-100-00**	1 piece



Spray nozzle for Orthocryl® liquid (monomer)

Inner ø	Length	REF	Quantity
0.40 mm	10 mm	**162-752-00**	12 pieces



Spray nozzle for Orthocryl® powder (polymer)

REF 162-751-00	1 piece



Mixing bowl

Flexible, with suction base. For all mixing jobs in the practice and laboratory.

Do not use with silicone materials!

Material: silicone

Capacity	REF	Quantity
5 ml	**162-501-00**	3 pieces
25 ml	**162-502-00**	1 piece
75 ml	**162-503-00**	1 piece



Funnel

REF 162-600-00	1 piece



Measuring beaker

REF 162-200-00	1 piece



Dispensing pipette

For Orthocryl® color concentrates.

REF 162-101-00	10 pieces

Accessories

Separating medium

Special alginate-based separating medium that forms a thin, abrasive-resistant separating film.

Separates:

- plaster from acrylic
- plaster from plaster

Color: pink

REF 162-800-00	1000 ml



3D separating medium

Forms a separating layer between the acrylic models and Orthocryl® / Orthocryl® LC.

Color: green

REF 162-801-00	100 ml



Modeling wax, pink

For acrylic work, construction bites etc.

- pliable
- very easy to model
- firm up to approx. 37 °C / 98.6 °F
- easy fixation of teeth

Melting point	Dimensions (L x W)	Thickness	REF	Quantity
60 °C / 140 °F	175 mm x 80 mm	1.50 mm	**119-150-00**	500 g



Thermo wax

- heat-resistant wax for blocking-out
- for covering springs used in the Orthocryl® technique
- prevents acrylic from becoming milky in appearance

Melting point	Color	REF	Quantity
87 °C / 188.6 °F	pink	**120-170-00**	50 g



Sticky wax

- good adhesive effect on all materials
- ideal for the fixation of retentive or support elements, repair and soldering work

Melting point	Color	REF	Quantity
71 °C / 159.8 °F	red	**122-300-00**	60 g



Accessories



Bur for acrylics

with mill toothing cut, straight

- cutting properties

Application: acrylics

Maximum speed: 15000 min^{-1}

ISO number coding	Size	Form	REF	Quantity
310.104.266.171.040	small	bud, rounded, long	**180-201-00**	1 piece
310.104.266.171.050	medium	bud, rounded, long	**180-202-00**	1 piece
310.104.260.171.070	medium	bud, rounded	**180-304-00**	1 piece
310.104.260.171.080	large	bud, rounded	**180-305-00**	1 piece



Super hard metal bur

with cross toothing cut, coarse

- high precision milled
- best cutting properties

Application: plaster, acrylics

Recommended speed: 15000 min^{-1} - 20000 min^{-1}

Maximum speed: 30000 min^{-1}

ISO number coding	Form	REF	Quantity
500.104.263.190.070	bud, rounded, slender	**180-308-00**	1 piece

Super hard metal bur and cutter

with cross toothing cut, coarse

- high precision milled
- best cutting properties

Application: acrylics, cast partial denture

Recommended speed: 20000 min^{-1} - 25000 min^{-1}

Maximum speed: 50000 min^{-1}

ISO number coding	Form	REF	Quantity	
500.104.116.190.023	cylindrical, only side cutting	**123-580-00**	1 piece	
500.104.137.190.023	cylindrical, domed end	**123-581-00**	1 piece	
500.104.292.190.023	torpedo, cylindrical	**123-582-00**	1 piece	
500.104.001.190.023	spherical (round), ø 2.1 mm	**123-583-00**	1 piece	
500.104.274.190.060	bullet	**123-584-00**	1 piece	
500.104.194.190.023	conical, domed end	**123-585-00**	1 piece	

Super hard metal bur

with cross toothing cut, coarse

- high precision milled
- best cutting properties

Application: plaster, acrylics

Recommended speed: 20000 min^{-1} - 25000 min^{-1}

Maximum speed: 30000 min^{-1}

ISO number coding	Form	REF	Quantity	
500.104.237.220.060	pear	**123-594-00**	1 piece	
500.104.194.220.060	conical, domed end	**123-596-00**	1 piece	

Accessories



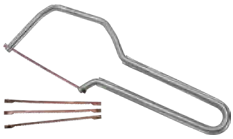
Super hard metal bur

with mill toothing cut, wound right

- tungsten carbide
- precision cut
- best cutting properties

Application: CoCr alloys, acrylics
Recommended speed: 20000 min^{-1} - 25000 min^{-1}
Maximum speed: 30000 min^{-1}

ISO number coding	Form	REF	Quantity
500.104.274.175.060	bullet	**123-597-00**	1 piece
500.104.194.175.045	conical, domed end	**123-598-00**	1 piece



Saw

For orthodontics / prosthetics.
Small saw with replaceable blades.
Contents:
Saw incl. 3 saw blades

REF 180-702-00	1 piece



Saw blade

For saw.

Length	REF	Quantity
70 mm	**180-703-00**	5 pieces



Polishing brush

For polishing machines.
Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture
Maximum speed: 2800 min^{-1}

ø	REF	Quantity	REF	Quantity
50 mm	**141-700-00**	1 piece	**141-700-10**	10 pieces



Polishing brush

Combination Chungking bristles / cotton, for polishing machines.
Application: orthodontics, crowns and bridges, plastic prosthetics
Maximum speed: 1500 min^{-1}

ø	REF	Quantity
80 mm	**141-710-00**	1 piece

NEW

Polishing brush

Short Chungking bristles, for polishing machines.
Application: orthodontics, crowns and bridges, cast partial denture
Maximum speed: 6000 min^{-1}



Number of brush ranges	ø	REF	Quantity
2	60 mm	**141-711-00**	10 pieces
3	60 mm	**141-712-00**	10 pieces

Palatal cup brush

Chungking bristles, for polishing machines.
Application: orthodontics, plastic prosthetics
Maximum speed: 3000 min^{-1}



ø	REF	Quantity	REF	Quantity
30 mm	**141-713-10**	1 piece	**141-713-00**	10 pieces

Cloth polishing brush, mounted

For handpiece.
Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture
Recommended speed: 1500 min^{-1} - 4000 min^{-1}
Maximum speed: 5000 min^{-1}



ø	REF	Quantity
20 mm	**181-100-01**	6 pieces

Cloth polishing brush

For polishing machines.
Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture
Maximum speed: 5000 min^{-1}



ø	REF	Quantity
100 mm	**181-200-00**	1 piece

Chamois leather polishing brush

For high shine polish, for polishing machines.
Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture
Maximum speed: 1500 min^{-1}



ø	REF	Quantity
90 mm	**181-201-00**	1 piece

Accessories



Edelweiss polishing stick

Ideally suitable for high-gloss finish on acrylic.

REF 190-100-00	80 g



Edelweiss acrylic polishing liquid

Ideally suitable for high-gloss finish on acrylic.

REF 190-200-00	1000 g



Silicon polisher

- non-damaging to metal parts, clasps

Application: orthodontics appliances, pre-polishing of prosthetic acrylics

Recommended speed: 5000 min^{-1} - 7000 min^{-1}

Maximum speed: 15000 min^{-1}

ISO number coding	Form	REF	Quantity
658.104.275.523.100	torpedo	**138-623-00**	10 pieces



Mandrel

Version	Maximum speed	REF	Quantity
for emery cloth	16000 min^{-1}	**139-500-00**	10 pieces



Emery cloth

Grain size	Width	REF	Quantity
120 = fine	15 mm	**140-015-00**	25 m

Accessories

FKO-split-post fixator

acc. to Gordon
This split-post fixator is designed for precise model positioning and holding. Special conical arms allow for the removal and replacement of models.

REF 072-004-00	1 piece



Polyclav®

Pressure vessel for polymerization of cold-curing polymers, induction-compatible.
With safety valve.
Without pressure hose.
Capacity: 4.5 l

REF 070-010-00	1 piece



Pressure hose

For Polyclav® (REF 070-010-00).
Connection plug nipple to fit inlet valve and standard coupling for compressed air sockets.
Length: 1.5 m
Pmax: 8.0 bar

REF 070-015-00	1 piece



Heating plate

For Polyclav® (REF 070-000-00 and 070-010-00).

Power voltage	REF	Quantity
230 V~	**070-900-00**	1 piece



Technical data

Output	125 W
Thermostat for water temperature	43 °C / 109.4 °F
Power frequency	50 Hz / 60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 mm x 240 mm x 75 mm

Accessories



Suction apparatus with charcoal filter

For protection against vapor during processing of acrylics in the laboratory.

- controlled by a photoelectric sensor (automatic switch on/off)
- includes hour meter
- easy-change filter (replace the filter cartridge, REF 072-001-40, after approx. 50 operating hours)

Power voltage	REF	Quantity
230 V~	**072-001-00**	1 piece
115 V~	**072-002-00**	1 piece

Technical data

Output	100 W
Power frequency	50 Hz
Weight	6 kg
Dimensions (W x H x D)	220 mm x 260 mm x 260 mm



activeblue cleaning unit

With activefluid cleaning fluid.
For the gentle removal of plaque from orthodontic removable appliances.

Included:

- 1 x cleaning fluid, 1000 ml (REF 150-020-00)
- 1 x cleaning cup, white
- 1 x cleaning pins, 75 g (REF 098-001-00)
- 1 x tweezers
- 1 x holding magnet
- 1 x power cable (230 V)

Technical data

Power voltage	100 V~ - 240 V~ at 50 Hz / 60 Hz
Turning rotations	1200 min^{-1} / 1600 min^{-1} / 2000 min^{-1}
Electric fuse	T 1.6 A L 250 V
Noise level	< 70 dB (A)
Weight	3 kg
Dimensions (W x H x D)	150 mm x 240 mm x 280 mm

REF 098-000-00	1 piece



Cleaning pins for activeblue

For activeblue cleaning unit.

REF 098-001-00	1 container 75 g each

activefluid cleaning fluid
For activeblue cleaning unit.

REF 150-020-00	1000 ml



Dermatril®, disposable rubber gloves
For protection during work with polymethyl methacrylates such as Orthocryl®.
Made from special nitrile, free from powder and natural latex.



Layer thickness	Size	REF	Quantity
0.10 mm	S	**162-907-00**	100 pieces
0.10 mm	M	**162-908-00**	100 pieces
0.10 mm	L	**162-909-00**	100 pieces

DENTAURUM ONLINE SHOP shop.dentaurum.com

Premium-Line pliers / Fixed appliance technique Page 372

Premium-Line pliers / Removable appliance technique Page 380

Premium-Line pliers.

Premium quality – premium function.



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One program to cover all areas.

Whether for orthodontics or for prosthetics, the Dentaurum pliers program includes instruments to serve all standard requirements. The user can always trust in consistent quality and reliability. This ensures quicker, more effective use.

Made in Germany.

Highly experienced craftsmanship and state-of-the-art machinery have been used to produce these high-quality pliers which remain true to the tag line "Made in Germany". For this reason, Dentaurum's Premium-Line pliers are extra long-lasting*.







PREMIUM
LINE

10 year guarantee!**



* For instructions on how to clean and take care of the Dentaurum pliers and instruments, please refer to our separate information sheet REF 989-590-20. Repair service available on manufacturer's site (e.g. wear).

** The 10 year guarantee is on material and workmanship, loosening of cutting inserts, breakage and corrosion of pliers' body, providing the instruments have been used correctly and properly maintained. The guarantee does not apply if the equipment has been manipulated in any way.

Premium-Line pliers / Fixed appliance technique



Ortho-Cast M-Series cap removal pliers

sterilizable
With replaceable blade.
Only suitable for use with Ortho-Cast M-Series buccal tubes.
Components supplied:
Pliers, fitted with a blade plus two replacement blades and one hex key.
Premium-Line · 10 year guarantee

REF 003-805-00	1 piece



Blade

sterilizable
For Ortho-Cast M-Series cap removal pliers, REF 003-805-00.
Components supplied:
10 blades + 2 screws

REF 038-805-10	10 pieces



Special bracket debonding pliers, 45° angled

sterilizable
For the removal of brackets and adhesive residues.
45° angled cutting surface, specially ground to fit purpose.
Hard metal inserts.
Premium-Line · 10 year guarantee

REF 004-350-00	1 piece



Bracket removing pliers, straight

sterilizable
For removing brackets between bracket base and adhesive.
With hard metal inserts.
Length: 13.0 cm
Premium-Line · 10 year guarantee

REF 004-346-00	1 piece



Bracket removing pliers

sterilizable
For removing brackets between bracket base and adhesive.
Premium-Line · 10 year guarantee

REF 003-349-00	1 piece



Plastic insert

sterilizable
For bracket removing pliers, REF 003-349-00 and 045-005-00.

REF 038-356-00	4 pieces

Premium-Line pliers / Fixed appliance technique

Bracket removing pliers, angled

sterilizable

For easy removal of lingual brackets and brackets in the posterior region. Inserts made of hard metal.

Premium-Line · 10 year guarantee

REF 004-347-00	1 piece



Oliver-Jones band removing pliers

sterilizable

With replaceable plastic tip. With hard metal insert.

Premium-Line · 10 year guarantee

REF 026-347-00	1 piece



Plastic tip

sterilizable

For Oliver-Jones band removing pliers, REF 026-347-00 and 045-004-00.

REF 039-357-00	10 pieces



Johnson contouring pliers

sterilizable

Curvature of the beaks only on one side. For contouring and adapting bands and crowns.

Premium-Line · 10 year guarantee

REF 003-114-00	1 piece





Separating pliers

sterilizable

For expanding Dentalastics® separating rings before positioning.

Premium-Line · 10 year guarantee

REF 015-160-00	1 piece



How pliers, straight

sterilizable

Universal pliers for the multi-bracket technique. Due to the slender working tips these pliers are perfect for positioning bands with prewelded brackets. Also in the lower anterior area. **Not suitable for debonding brackets.**

Premium-Line · 10 year guarantee

REF 003-112-00	1 piece



Premium-Line pliers / Fixed appliance technique



How pliers, curved
sterilizable
These curved pliers are especially suited for the posterior region. **Not suitable for debonding brackets.**
Premium-Line · 10 year guarantee

REF 003-111-00	1 piece



Side cutter Maxi
sterilizable
Inserts made of hard metal.
We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!
Max. wire thickness: ø 1.0 mm, hard
Premium-Line · 10 year guarantee

REF 004-266-00	1 piece



Distal end cutter Mini
sterilizable
For shortening the archwire ends in the multi-bracket technique. Delicate design. Wire holder.
Inserts made of hard metal.
Length: 12.0 cm
Max. wire thickness: ⍁ 0.56 mm x 0.70 mm / 22 x 28
Premium-Line · 10 year guarantee

REF 003-701-00	1 piece



Distal end cutter Mini
sterilizable
With longer handle for easier handling when shortening archwire ends. Delicate design. Wire holder.
Inserts made of hard metal.
Length: 14.0 cm
Max. wire thickness: ⍁ 0.56 mm x 0.70 mm / 22 x 28
Premium-Line · 10 year guarantee

REF 003-702-00	1 piece



Distal end cutter Maxi
sterilizable
For shortening the archwire ends in the multi-bracket technique. Robust design. Wire holder.
Inserts made of hard metal.
Length: 12.0 cm
Max. wire thickness: ⍁ 0.56 mm x 0.70 mm / 22 x 28
Premium-Line · 10 year guarantee

REF 003-700-00	1 piece



Flush Cutter Mini, with silicone O-ring
sterilizable
For shortening round wires in the multi-bracket technique. Elastic wire holder due to silicone O-ring, REF 037-356-00.
Inserts made of hard metal.
Length: 11.7 cm
Max. wire thickness: ø 0.50 mm / 20
Premium-Line · 10 year guarantee

REF 003-705-00	1 piece

Premium-Line pliers / Fixed appliance technique

Flush Cutter Maxi, with silicone O-ring

sterilizable
With longer handle for easier handling when shortening round wires in the multi-bracket technique.
Elastic wire holder due to silicone O-ring, REF 037-356-00.
Inserts made of hard metal.
Length: 14.2 cm
Max. wire thickness: ø 0.50 mm / 20
Premium-Line · 10 year guarantee

REF 003-706-00	1 piece



Silicone O-ring

sterilizable
For Flush Cutter Mini and Maxi, REF 003-705-00 and 003-706-00.

REF 037-356-00	10 pieces



Ligature cutter Mini

sterilizable
Accuracy right to the tip for smooth cutting of soft ligature wires. With hard metal inserts.
We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!
Max. wire thickness: ø 0.4 mm, soft
Premium-Line · 10 year guarantee

REF 014-151-00	1 piece



Ligature cutter 45°

sterilizable
45° angled cutting tips for easy cutting of ligatures, especially in the posterior areas. With hard metal inserts.
We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!
Max. wire thickness: ø 0.4 mm, soft
Premium-Line · 10 year guarantee

REF 014-152-00	1 piece



Side cutter Medium

sterilizable
Black DLC coating. Smooth cuts guaranteed by accurate cutting edges. Inserts made of hard metal.
We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 016-153-00	1 piece



Light Wire pliers

sterilizable
For especially fine wire bending in the light wire technique.
Max. wire thickness: ø 0.5 mm, spring hard
Premium-Line · 10 year guarantee

REF 003-130-00	1 piece



Premium-Line pliers / Fixed appliance technique



Begg Light Wire pliers

sterilizable

For especially fine wire bending in the light wire technique.
Additional cutting device. Inserts made of hard metal.
Max. wire thickness: ø 0.5 mm, spring hard
Premium-Line · 10 year guarantee

REF 004-130-00	1 piece



Angle / Tweed ribbon arch pliers

sterilizable

For applying torque to square wires. Parallel grip
prevents crushing of wire. Inserts made of hard metal.
Max. wire thickness: ⍁ 0.56 mm x 0.70 mm / 22 x 28
Premium-Line · 10 year guarantee

REF 003-442-00	1 piece



Weingart universal pliers

sterilizable

For positioning the arch and bending the arch wire ends.
Accurately closing serrated tips. With hard metal inserts.
Also suitable for debonding brackets.
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-120-00	1 piece



Weingart universal pliers Mini

sterilizable

Very slender design. For holding and positioning
the arch. Accurately closing serrated tips.
Not suitable for debonding brackets.
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-121-00	1 piece



Lingual bending pliers

sterilizable

For bending steps and compensation bends in archwires
for the lingual technique.
Steps: 1.5 mm; 2.0 mm; 2.5 mm and 3.0 mm
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-001-00	1 piece



Nance loop bending pliers

sterilizable

With four-step beaks for bending loops of different sizes
in round and rectangular wires.
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 000-001-00	1 piece

Premium-Line pliers / Fixed appliance technique

Jarabak Light Wire pliers

sterilizable
With guiding grooves.
Max. wire thickness: ø 0.5 mm, spring hard
Premium-Line · 10 year guarantee

REF 003-125-00	1 piece



Tweed loop forming pliers

sterilizable
For especially fine bendings.
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 012-350-00	1 piece



Tweed loop forming pliers

sterilizable
For especially fine bendings.
With individually replaceable hard metal tip.
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 012-351-00	1 piece



Tip

sterilizable
For Tweed loop forming plier, REF 012-351-00.

REF 038-357-00	3 pieces



De La Rosa contouring pliers

sterilizable
With guiding grooves for forming round and square arches 16, 18, 22.
Premium-Line · 10 year guarantee

REF 004-109-00	1 piece



Lingual arch bending pliers

sterilizable
For individual construction and activation of lingual/palatal bars. Using these pliers, the bent tips of the wire will fit into all Dentaurum lingual/palatal tubes ø 2 x 0.9 mm.
Max. wire thickness: ø 0.9 mm, hard
Premium-Line · 10 year guarantee

REF 003-185-00	1 piece



Premium-Line pliers / Fixed appliance technique



Crimping pliers, for Herbst TS / SUS

sterilizable

For clamping slotted spacers for Herbst TS and SUS.

Premium-Line · 10 year guarantee

REF 003-710-00	1 piece



Crimping pliers

sterilizable

Tip with V-shaped notch for holding and crimping sliding/clamping and stop tubes.

Premium-Line · 10 year guarantee

REF 003-711-00	1 piece



Angle wire bending pliers standard

sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak.

Max. wire thickness: ø 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 003-139-00	1 piece



Angle wire bending pliers

sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak. Inserts made of hard metal.

Max. wire thickness: ø 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 004-139-00	1 piece



Facebow bending pliers Magnum

sterilizable

Ideal for bending the outer bows of a facebow.

Max. wire thickness: ø 1.8 mm

Premium-Line · 10 year guarantee

REF 003-180-01	1 piece

Premium-Line pliers / Fixed appliance technique

Hollow chop pliers Extra-Mini

sterilizable

Ideally suited for forming different loops and adjusting preshaped arches for the fixed appliance technique.
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-350-00	1 piece



Hollow chop pliers Mini

sterilizable

For loop forming and bending of round and rectangular wires.
Max. wire thickness: ø 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-351-00	1 piece



Hammer head pliers

sterilizable

For bending nickel-titanium arches/wires in the molar region. The two ends fit together like a tongue and groove around the nickel titanium wire, so that the ends of the wire attain the required bend with one squeeze of the pliers.
Max. wire thickness:
ø 0.45 mm / 18, ⍁ 0.41 mm x 0.56 mm / 16 x 22
Premium-Line · 10 year guarantee

REF 003-355-00	1 piece



Aderer 3-prong pliers Extra-Mini

sterilizable

For bending wires/arches for the fixed appliance technique. Specially suited for bending NiTi wires/arches such as rematitan® LITE and Tensic®.
Max. wire thickness:
ø 0.5 mm, hard, ⍁ 0.48 mm x 0.64 mm / 19 x 25
Premium-Line · 10 year guarantee

REF 003-205-00	1 piece



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Premium-Line pliers / Removable appliance technique



Hollow chop pliers Medium
For bending small springs, eyelets and loops.
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 003-053-00	1 piece



Hollow chop pliers Maxi
For bending springs, loops and space maintainers.
Max. wire thickness: ø 0.8 mm, hard
Premium-Line · 10 year guarantee

REF 003-233-00	1 piece



Ruhland loop forming pliers Magnum
For bending coffin springs and connecting springs, labial arches and U-loops.
Max. wire thickness: ø 1.1 mm, hard
Premium-Line · 10 year guarantee

REF 001-650-00	1 piece



Adams pliers Medium
With two smooth, rectangular beaks. **With guiding grooves.**
Length: 12.0 cm
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 003-514-00	1 piece



Adams pliers Medium
With two smooth, rectangular beaks. Hard metal coated working faces.
Length: 12.0 cm
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 003-515-00	1 piece



Adams pliers Medium
With two smooth, rectangular beaks.
Inserts made of hard metal. With guiding groove.
Length: 12.0 cm
Max. wire thickness: ø 0.7 mm, spring hard
Premium-Line · 10 year guarantee

REF 004-515-00	1 piece

Premium-Line pliers / Removable appliance technique

Adams pliers Maxi

With two smooth, rectangular beaks.
Length: 14.5 cm
Max. wire thickness: ø 0.8 mm, hard
Premium-Line · 10 year guarantee

REF 003-094-00	1 piece



Adams pliers Medium

With one smooth, rectangular and one smooth, rounded beak.
Length: 14.0 cm
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 003-516-00	1 piece



Adams pliers Maxi

With one smooth, rectangular and one smooth, rounded beak. Inserts made of hard metal.
Length: 16.0 cm
Max. wire thickness: ø 0.8 mm, hard
Premium-Line · 10 year guarantee

REF 004-095-00	1 piece



Wire bending pliers, wide

Serrated tips. With guiding groove.
Max. wire thickness: ø 0.8 mm, hard
Premium-Line · 10 year guarantee

REF 033-452-00	1 piece



Wire bending pliers Maxi

Serrated tips. With guiding groove. Universal bending and cutting pliers. Inserts made of hard metal.
Max. wire thickness: ø 0.9 mm, hard
Cuts up to: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 013-522-00	1 piece



Universal wire bending pliers

With serrated tips and guiding grooves.
Hard metal coated working faces.
Max. wire thickness: ø 0.8 mm, hard
Premium-Line · 10 year guarantee

REF 003-290-00	1 piece



Premium-Line pliers / Removable appliance technique



Pointed beak pliers
Smooth beaks with guiding groove.
Inserts made of hard metal.
Max. wire thickness: ø 0.7 mm, spring hard
Premium-Line · 10 year guarantee

REF 004-455-00	1 piece



Pointed beak pliers
Serrated beaks with guiding groove. Fine pointed.
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 035-455-00	1 piece



Young loop pliers
Universal pliers for different size loops. Ideal for labial arches.
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 012-074-00	1 piece



Aderer 3-Prong pliers Mini
Length: 12.5 cm
Max. wire thickness: ø 0.7 mm, hard
Premium-Line · 10 year guarantee

REF 003-201-00	1 piece



Aderer 3-Prong pliers Medium
Length: 12.5 cm
Max. wire thickness: ø 0.9 mm, hard
Premium-Line · 10 year guarantee

REF 003-200-00	1 piece



Aderer 3-Prong pliers Maxi
Sturdy design.
Length: 15.0 cm
Max. wire thickness: ø 1.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-202-00	1 piece

Premium-Line pliers / Removable appliance technique

Arrow clasp former

Max. wire thickness: ø 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 012-520-00	1 piece



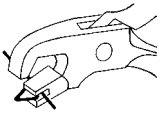


Arrow clasp bending pliers

Max. wire thickness: ø 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 012-521-00	1 piece





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EQ-Line pliers / Fixed appliance technique	Page	386
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For instructions on how to clean and take care of the Dentaurum pliers and instruments, please refer to separate information REF 989-590-20.

EQ-Line pliers.
Dental instruments.

Good quality pliers at reasonable prices.
A versatile range for the orthodontic practice and laboratory.



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EQ-Line pliers / Fixed appliance technique



Bracket removing pliers
sterilizable
For removing brackets.

REF 045-005-00	1 piece



Plastic insert
sterilizable
For bracket removing pliers, REF 003-349-00 and 045-005-00.

REF 038-356-00	4 pieces



Distal end cutter
sterilizable
For shortening the archwire ends in the multi-bracket technique. Wire holder. Inserts made of hard metal.
Max. wire thickness: ⍁ 0.56 mm x 0.70 mm / 22 x 28

REF 045-021-00	1 piece



Side cutter Medium
sterilizable
For cutting wires and arches. Inserts made of hard metal.
We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!
Max. wire thickness: ø 0.7 mm, hard

REF 045-022-00	1 piece



Oliver-Jones band removing pliers
sterilizable
With replaceable plastic tip.

REF 045-004-00	1 piece



Plastic tip
sterilizable
For Oliver-Jones band removing pliers, REF 026-347-00 and 045-004-00.

REF 039-357-00	10 pieces



How pliers, straight
sterilizable
Universal pliers for the multi-bracket technique.
The special tip design makes these pliers suited for seating individual anterior bands.

REF 045-006-00	1 piece

EQ-Line pliers / Fixed appliance technique

Angle / Tweed ribbon arch pliers
sterilizable
For applying torque to square wires. Parallel retention prevents compression of the wire.
Max. wire thickness: ⧄ 0.56 mm x 0.70 mm / 22 x 28

REF 045-000-00	1 piece



Weingart universal pliers
sterilizable
For positioning the arch and bending the arch wire ends.
Max. wire thickness: ø 0.5 mm, hard

REF 045-003-00	1 piece



Nance loop bending pliers
sterilizable
With four-step beaks for producing loops of different sizes in round and rectangular wires.
Max. wire thickness: ø 0.7 mm, spring hard

REF 045-010-00	1 piece



Jarabak Light Wire pliers
sterilizable
Max. wire thickness: ø 0.5 mm, spring hard

REF 045-009-00	1 piece



Tweed loop forming pliers
sterilizable
For especially fine bendings.
Max. wire thickness: ø 0.5 mm, hard

REF 045-001-00	1 piece



Angle wire bending pliers
sterilizable
Sturdy constructed pliers with one cone and one pyramid shaped beak.
Max. wire thickness: ø 0.7 mm, hard

REF 045-002-00	1 piece



EQ-Line pliers / Removable appliance technique



Loop forming pliers Medium
Max. wire thickness: ø 0.7 mm, hard

REF 045-012-00	1 piece



Loop forming pliers Maxi
E.g. for bending space maintainers.
Max. wire thickness: ø 0.8 mm, hard

REF 045-013-00	1 piece



Ruhland loop forming pliers Magnum
For bending coffin springs and connecting springs, labial arches and loops.
Max. wire thickness: ø 1.1 mm, hard

REF 045-014-00	1 piece



Adams pliers Medium
With two smooth rectangular beaks.
With guiding groove.
Max. wire thickness: ø 0.7 mm, hard

REF 045-015-00	1 piece



Adams pliers Maxi
With two smooth rectangular beaks.
With groove.
Max. wire thickness: ø 0.8 mm, hard

REF 045-016-00	1 piece



Adams pliers Maxi
With one smooth, rectangular and one smooth, rounded beak.
Max. wire thickness: ø 0.8 mm, hard

REF 045-017-00	1 piece



Wire bending pliers Maxi
Max. wire thickness: ø 0.9 mm, hard
Cuts up to: ø 0.7 mm, hard

REF 045-019-00	1 piece

EQ-Line pliers / Removable appliance technique

Pointed beak pliers
Smooth beaks with guiding groove. Fine pointed.
Max. wire thickness: ø 0.7 mm, hard

REF 045-018-00	1 piece



Young loop pliers
Universal pliers for different size loops. Ideal for labial arches.
Max. wire thickness: ø 0.7 mm, hard

REF 045-011-00	1 piece



Aderer 3-Prong pliers Extra-Mini
Max. wire thickness: ø 0.8 mm, hard

REF 045-020-00	1 piece



Aderer 3-Prong pliers Mini
Max. wire thickness: ø 0.7 mm, hard

REF 045-007-00	1 piece



Aderer 3-Prong pliers Medium
Max. wire thickness: ø 0.9 mm, hard

REF 045-008-00	1 piece



Heavy gauge side cutter Magnum
Little force required for cutting through large size wires due to special design.
We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!
Max. wire thickness: ø 1.3 mm, hard

REF 044-177-00	1 piece



Instruments



Crimping tweezers
sterilizable
For bracket placement. The blade at the end of the tweezers can be used for angulating brackets. Delicate design.

REF 025-277-00 | 1 piece



Crimping tweezers
sterilizable
With long placement and angulation aid. For bracket placement. The blade at the end of the tweezers can be used for angulating brackets.

REF 025-276-00 | 1 piece



Crimping tweezers
sterilizable
For posterior teeth.
Specially suited for placing brackets and buccal tubes in the posterior area.

REF 025-279-00 | 1 piece



Crimping tweezers
sterilizable
Delicate tweezer design for easy bracket and buccal tube placement.

REF 025-280-00 | 1 piece



discovery® pearl debonding instrument
sterilizable
For easy and safe removal of **discovery® pearl ceramic brackets**.

REF 019-001-00 | 1 piece



sl-instrument, for discovery® sl
sterilizable
For opening and closing self-ligating brackets **discovery® sl** (Roth system), **dinamique® m** and **dinamique® c**, and for easier ligation of the archwire.

REF 023-276-00 | 1 piece



sl-instrument, for discovery® sl 2.0
sterilizable
For opening and closing self-ligating brackets **discovery® sl 2.0** (McLaughlin-Bennett-Trevisi* system) and easier ligation of the archwire.

REF 023-277-00 | 1 piece

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

Instruments

Scaler, double-ended

sterilizable

For removing adhesive and cement residues.
With serrated band seater.

REF 027-349-00	1 piece



Separating strips*

sterilizable

Width: 4 mm

Coating	REF	Quantity
double-sided	**018-001-01**	12 pieces
one-sided	**018-002-01**	12 pieces



NEW

Scissors

For cutting thin metal bands.

Version	REF	Quantity
straight	**007-024-00**	1 piece
curved	**008-025-00**	1 piece



Band seating instrument, plastic

sterilizable to a maximum of 180 °C / 356 °F

With hard metal, triangular serrated tip.

REF 026-355-00	1 piece



Band pusher

acc. to Mershon

sterilizable

With serrated rectangular tip and anatomically formed grip for good transfer of force when positioning bands.

REF 024-300-01	1 piece



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* Availability may vary depending on the country. Please ask your local representative.

Instruments



Bracket positioning gauge
sterilizable
Simplifies seating the brackets on the teeth in the correct distance between bracket slot and incisal edge.
With metal tips.

REF 030-390-00	1 piece



Needle holder Medium
acc. to Mathieu
sterilizable
Ideal for ligating. Convenient and practical design with serrated tips.

REF 000-030-00	1 piece



Needle holder Medium, with finger ring
acc. to Bachmann
sterilizable
Eases ligating with the middle finger under constant pull. Can also be used in ligating jaw fracture splints. With serrated tips.

REF 000-035-00	1 piece



Needle holder Mini
acc. to Mathieu
sterilizable
With especially delicate, serrated tips. For Dentalastics® plastic ligatures. **Not for wire ligatures.**

REF 000-031-00	1 piece



Mosquito forceps, without hook
sterilizable
Crown forceps or for placing Dentalastics® plastic ligatures.

REF 000-730-00	1 piece



Mosquito forceps, with hook
sterilizable
For placing Dentalastics® plastic ligatures.

REF 000-731-00	1 piece

Instruments

Mosquito forceps, curved
sterilizable
For placing and ligating Dentalastics® plastic ligatures, especially for the lingual technique.

REF 000-732-00	1 piece



Dental mirror with reference lines (assembled), lingual
sterilizable

REF 023-279-00	1 piece



Dental mirror with reference lines (without grip), lingual
sterilizable

REF 023-279-10	1 piece



Positioning tool, lingual
sterilizable

REF 023-278-00	1 piece



Ligator
sterilizable
For fast ligating of the complete arch and figure-eight ligatures. Y-shaped tip simplifies the twisting of the ligatures.
Max. wire thickness: ø 0.3 mm, soft

REF 023-292-00	1 piece



Accessories (for ligator REF 023-292-00)
sterilizable

Spare part	REF	Quantity
Hard metal tip	**023-293-00**	1 piece
Spool	**023-294-00**	1 piece
Screw	**023-295-00**	1 piece



Instruments



Ligature tightener and adapter
sterilizable
Ligature adjuster and tucker for long preformed ligatures.

REF 022-274-00	1 piece



Ligature adapter, double ended
sterilizable
For bending and adapting wire ligatures.

REF 021-273-00	1 piece



Distal end bender, double-ended
acc. to Langer
sterilizable
Sturdy instrument for bending arch wire ends.
Handle ø: 8 mm

REF 019-000-00	1 piece



Arch turret without torque
For forming flat, plain arches made of rectangular wires.
For rectangular wires:
⍁ 0.41 mm / 16
⍁ 0.43 mm / 17
⍁ 0.46 mm / 18
⍁ 0.51 mm / 20
⍁ 0.56 mm / 22
Color: blue

REF 004-180-00	1 piece



Arch turret with torque / 16
For forming flat or angulated (torque) rectangular arches.
⍁ 0.41 mm x 0.41 mm / 16 x 16
in 0°, 7°, 10°, 13° and 16° Torque
Color: red

REF 004-186-00	1 piece

Instruments

Arch turret with torque / 16 x 16

For forming flat or angulated (torque) rectangular arches.
◰ 0.41 mm x 0.41 mm / 16 x 16
in 0°, 10°, 16° and 23° Torque
Specially designed for the Ricketts® technique.
Color: green

REF 004-187-00	1 piece



Arch turret with torque / 18

For forming flat or angulated (torque) rectangular arches.
◰ 0.46 mm x 0.64 mm / 18 x 25
in 0°, 7°, 10°, 13° and 16° Torque
Color: gold

REF 004-182-00	1 piece



Arch turret with torque / 22

For forming flat or angulated (torque) rectangular arches.
◰ 0.56 mm x 0.70 mm / 22 x 28
in 0°, 7°, 10°, 13° and 16° Torque
Color: silver

REF 004-184-00	1 piece



LinguForm arch turret without torque

For forming flat, plain arches made of round or rectangular wires for the lingual technique.
ø 0.35 mm / 14, ◰ 0.35 mm / 14
ø 0.41 mm / 16, ◰ 0.41 mm / 16
ø 0.46 mm / 18, ◰ 0.46 mm / 18
ø 0.48 mm / 19, ◰ 0.48 mm / 19
ø 0.51 mm / 20, ◰ 0.51 mm / 20
Color: silver

REF 004-190-00	1 piece



Measuring gauge

With drag indicator for measuring tensile and compressive forces. Suitable for measuring on the model.

Measuring range	REF	Quantity
25 g - 250 g	**040-711-00**	1 piece
50 g - 500 g	**040-712-00**	1 piece
100 g - 1000 g	**040-713-00**	1 piece



Instruments



Dental vernier
acc. to Beerendonk
With fine, long tips. Suitable for measurements on the model.

REF 042-750-00	1 piece



Dental vernier (Münchner design)
With extra delicate tips. Suitable for width and distance measurements on the model.

REF 042-751-00	1 piece



Ruler
acc. to Bernklau
sterilizable
Material: stainless steel
Perfect for all diagnostic measurements, both intra-oral and on the model.

REF 044-730-01	1 piece



Wedge gauge
For checking the gap width on palatal expanders.

REF 043-720-00	1 piece



Ruler
Material: plastic
For measuring labial arches, Adams clasps, palatal bars, etc.
Color: white

REF 766-000-00	1 piece



Ruler (Münchner design)
Material: stainless steel
With $^1/_2$ mm and mm increments.
Length: 15.0 cm

REF 044-731-00	1 piece



Measuring grid
acc. to Schmuth
For parallax-free, optical measurement of the dental arch. When looking through the grid the red sighting grid should be covered by the corresponding black measuring lines to ensure parallax compensation for precise measurement of distances.

REF 003-366-00	1 piece

Instruments

Instrument set acc. to Korkhaus
Set with orthometer, mm disk, cm disk and bow divider with sleeve.

REF 029-360-02	1 set



Orthometer
For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

REF 029-364-00	1 piece



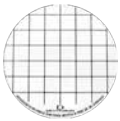
Bow divider, with sleeve
For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

REF 029-361-02	1 piece



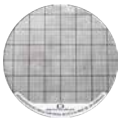
Centimeter disc
For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

REF 029-362-00	1 piece



Millimeter disc
For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

REF 029-363-00	1 piece



Three-dimensional bow divider
acc. to Korkhaus
Allows the direction and extent of tooth movement to be checked by a single measurement on the model.
Not approved for intra-oral use!

REF 028-353-00	1 piece



Bow divider
Standard design. For surveying the model and measuring tooth widths by positioning on the model.
Not approved for intra-oral use!

REF 030-395-03	1 piece

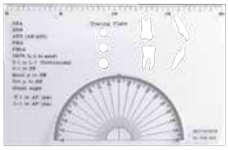


Tip for bow divider
For bow divider (REF 030-395-02 and 030-395-03).

REF 030-396-02	1 piece



Accessories



Tracing-protractor template, standard

Material: plastic
With protractor and tooth symbols.
For evaluation of radiographs.
Dimensions: 207 mm x 132 mm
Color: transparent

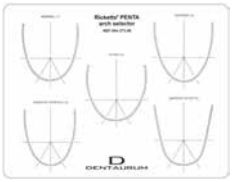
REF 004-368-00	1 piece



Tracing-protractor template

acc. to Ricketts®
Material: plastic
For evaluation of radiographs. With mm scale, protractor and cut out tooth symbols for tracing.
Dimensions: 197 mm x 74 mm
Color: transparent, clear

REF 004-369-00	1 piece



Penta arch template

acc. to Ricketts®
Material: plastic
For determining the Penta archwire shape.
Dimensions: 30.3 cm x 21.6 cm
Color: transparent, clear

REF 004-373-00	1 piece



Tracing foil

For radiograph tracings. One side mat, other side shiny. Tear-off pad.

Dimensions	REF	Quantity
17.5 cm x 23.5 cm	**075-100-00**	100 pieces
24 cm x 30 cm	**075-101-00**	100 pieces

Maintenance and protection oil

For the maintenance of pliers and instruments.
Application in particular before sterilisation.

REF 055-201-00	50 ml



Stand for wires and pliers

Material: plastic
With 6 tubes for straight wires.
Do not use disinfectants containing ethanol, phenol or alcohol.
Color: transparent, clear
Height: approx. 13 cm
Width: approx. 18 cm

REF 055-101-01	1 piece



Stand for pliers

Material: plastic
Do not use disinfectants containing ethanol, phenol or alcohol.
Color: transparent, clear

suitable for	Length	REF	Quantity
approx. 7 pliers	13.0 cm	**055-000-00**	1 piece
approx. 14 pliers	25.5 cm	**055-100-00**	1 piece



Stand for pliers

Material: plastic
For 15 pliers.
Do not use disinfectants containing ethanol, phenol or alcohol.
Dimensions: 30 cm x 20 cm x 6.5 cm (W x D x H)
Color: white

REF 055-105-00	1 piece



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Accessories



Bur stand magnetic holder

Partly plastic.

- permanent magnets ensure firm retention of the instruments
- magnet holder without instruments
- do not use disinfectants containing ethanol, phenol or alcohol

REF 089-430-00	1 piece



Bur stand

Material: plastic

- for 12 burs or abrasive stones. Bur stand without instruments
- shaft ø: 2.35 mm
- do not use disinfectants containing ethanol, phenol or alcohol

Color: transparent, clear

REF 089-431-00	1 piece



Marking pencil

Wax pencil

Color: white

REF 043-700-00	6 pieces

Marking pencil

indelible





Color	REF	Quantity
black	**043-800-00**	1 piece
red	**043-900-00**	1 piece

Equipment and accessories Page 410

Equipment.

For professional workmanship.



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Certified quality made in Germany.

Dentaurum equipment has been developed, manufactured and tested in close collaboration with internal and external users. The focus is on easy handling and high quality, ensuring long durability.

Metal connections in orthodontics.

We offer a wide range of equipment for all types of metal connections in orthodontics, from mini gas burners to high-tech laser welding technology.





desktop Compact
Universal laser welding unit.

Laser Welder SL10
The entry-level model, ideal for orthodontics.

Spot welding unit
Assistent 3000.

Dual wheel model trimmer
Beautiful models – trimmed quickly and neatly.

Suction unit
For protection from vapor during processing.

activeblue
Gentle removal of plaque.

Spot welding unit.

For professional welding and soldering in orthodontics.

A suitable unit for everyone.

The Assistent 3000 is the right unit for welding and soldering tasks in orthodontics, working professionally and efficiently both in the orthodontic practice and in the laboratory. The function and selection of accessories available, along with the unit's ergonomic design, are all based upon years of experience in development and close collaboration with orthodontists.

Modern technology – excellent results.

The Assistent 3000 achieves excellent welding and soldering results due to the modern electronic components used together with high quality mechanical elements. For example, the electronic welding adjustments or the extra wide hand rests make work easy, comfortable and effective.

Assistent 3000 – the comfortable unit for average use.

With the Assistent 3000, excellent results can be efficiently achieved with average use.

This unit's special features, amongst others, are

- 6 welding settings and 2 soldering settings.





Dentaurum laser technology.

For professional welding in orthodontics.

Laser welding – the modern joining technique.

Laser welding allows more efficient processing. In comparison with traditional soldering, you can save up to 80 % in time. New fabrications and repairs can be carried out better and faster by using a dental laser.

Your advantages:

- gentle on materials.
- biocompatible.
- corrosion resistant.





Maximum stability.

Laser-welded connections present a significantly higher mechanical resistance and are more durable than soldered connections. This means greater security and higher quality for the orthodontist and the patients.

Broad spectrum of application.

It is impossible to imagine the world of joining techniques without laser welding. Compared to soldering, laser welding offers a much wider range of applications.

Whether you want to process precious metal alloys with a high gold content, non-precious alloys or titanium: you can cover the whole range of dental materials using the laser welding units from Dentaurum.

Ergonomics – extremely user-friendly.

A special characteristic feature of the Dentaurum dental lasers is their special ergonomic design. Working becomes a relaxed and easy affair for you.

- The dental lasers demonstrate their excellent ergonomics in the optimal inclination of the laser axis. Thereby not only do you sit relaxed in front of the microscope, but you can also hold the workpiece at an optimal angle.
- The workpiece is always flushed with argon through the argon nozzle. This ensures an oxidation-free weld with high stability.
- The desktop Compact fulfills the highest of demands in all areas of dental prosthetics and orthodontics. The Laser Welder SL10 is the ideal entry model for laser technology.

Equipment and accessories



Power voltage	REF	Quantity
230 V~	**090-578-50**	1 piece

desktop Compact

Laser welding – powerful and easy to use.

More than 20 years of dental laser welding technique accumulated in a compact table unit. From delicate, detailed welding to secure joints, the desktop Compact laser can be used for all areas of application in dental prosthetics and orthodontics. The finely adjustable dosage makes welding so much easier. Until now, such compact machine measurements were not available in this laser performance category. Simple machine operation prevents fatigue during work.

Advantages:

- extremely compact table top unit
- clear and user-friendly touchscreen
- high output reserve
- ergonomically designed – large working chamber with inclining laser axis
- high-quality microscope with a wide field of vision
- integrated pulse forming – 4 pre-set pulse shapes
- two inert gas nozzles, 1x flexible and 1x fixed retractable
- large pulse adjustment range – easy operation using joysticks
- integrated extraction and cool air nozzle

Further product information is available on request.

Technical data

max. power	60 W
Peak pulse output	7500 W
Pulse energy	50 J
Pulse duration	0.5 ms - 20 ms
Pulse frequency	single pulse - 25 Hz
Welding spot diameter	0.2 mm - 2.0 mm, infinitely variable motorized adjustment
Memory settings	39
Pulse shaping	4 pre-set pulse shapes
Argon nozzle	1 x flexible, 1 x fixed retractable
Air nozzle	integrated in welding chamber
Extraction	integrated with suspended particle filter
Microscope	stereo microscope with 16x magnification
Lighting	2 x 20 W Halogen
max. working height	180 mm
Electric fuse	T 16 A
Power frequency	50 Hz / 60 Hz
Weight	40.5 kg
Dimensions (W x H x D)	510 mm x 500 mm x 630 mm

Laser Welder SL10

The Laser Welder SL10 from Siro Lasertec complements the desktop Compact as an economical entry-level model for the laser welding technique. It is ideal for smaller dental laboratories and orthodontic practices.

Product advantages:

- excellent price-performance ratio
- large color touch display
- particularly suitable for orthodontic appliances
- welding power suitable for all fields of dentistry
- easy to operate
- with microscope
- solid housing
- adjustment of welding parameters on touch panel
- color camera shows welding process on the display
- desktop design



Power voltage	REF	Quantity
230 V~	**090-594-00**	1 piece

Technical data

max. power	60 W
Peak pulse output	3800 W
Pulse energy	33 J
Pulse duration	0.1 ms - 10 ms
Pulse frequency	0,5 Hz - 20 Hz
Welding spot diameter	0.2 mm - 2.0 mm, infinitely variable motorized adjustment
Protective gas	Argon 99.996 % (Argon 4.6)
Pulse shaping	no
Argon nozzle	1 x flexible
Extraction	integrated with suspended particle filter
Microscope	stereo microscope with 16x magnification
Lighting	2 x 3 W LED
max. working height	200 mm
Electric fuse	T 16 A
Power frequency	50 Hz / 60 Hz
Weight	40.5 kg
Dimensions (W x H x D)	440 mm x 480 mm x 600 mm

NEW

Equipment and accessories



Electrically adjustable stand

The answer to unsurpassed ergonomics with the Dentaurum desktop laser-welding units.

Advantages:

- this stand offers the user the best possible ergonomics
- the electrically adjustable stand enables the technician to change to their comfort level, via a foot switch, within seconds. This offers the most comfortable viewing level, and assures full concentration on the laser work
- the stand is designed to guarantee fatigue-free laser welding, even after extended periods of time
- can be used with all Dentaurum desktop laser-welding units

Power voltage	REF	Quantity
230 V~	**090-574-00**	1 piece

Technical data

Power frequency	50 Hz
min. working height	740 mm
max. working height	1090 mm



Argon fitting

For laser.
For connecting the laser to the argon bottle.
Flow rate shown in liters.

REF 090-404-00	1 assortment



Armrest cushion

For laser.

REF 090-513-10	2 pieces

CoCr welding wire



Various dimensions to be used as a filling soldering wire for all CoCr alloys.
Norm: DIN EN ISO 28319

ø	Length	REF	Quantity
0.25 mm / 10	2 m	**528-215-10**	1 piece
0.35 mm / 14	2 m	**528-210-10**	1 piece
0.50 mm / 20	2 m	**528-200-10**	1 piece

Composition (percentage by mass)

Co	Cr	Mo
65.0	28.0	5.5

Additional elements < 1 %: Mn, N, Si

LASER OPTIMIZED MATERIAL

NiCr welding wire



For laser welding NiCr based alloys. Specifically for high grade alloys such as remanium® CSe and G-soft.
Norm: DIN EN ISO 28319

ø	Length	REF	Quantity
0.50 mm / 20	2 m	**528-220-00**	1 piece

Composition (percentage by mass)

Ni	Cr	Mo	Nb
63.0	22.0	9.0	3,5

Additional elements < 1 %: Al, Co, Fe, Ti

LASER OPTIMIZED MATERIAL

rematitan® wire on coil



Titanium grade 1
For laser welding of titanium frameworks.
Recommended as filler material for laser welding, e.g. with titanium RPE appliances (Titan hyrax® Maxi – 12).
Norm: DIN EN ISO 28319, DIN EN ISO 5832-2

ø	Length	REF	Quantity
0.40 mm / 16	2 m	**528-039-50**	1 piece
0.70 mm / 28	2 m	**528-040-50**	1 piece

LASER OPTIMIZED MATERIAL

Equipment and accessories



rematitan® straight wire
Titanium grade 1
For laser welding.
Norm: DIN EN ISO 28319, DIN EN ISO 5832-2

ø	Length	REF	Quantity
1.00 mm / 39	each 100 mm	**528-041-00**	10 pieces
1.20 mm / 47	each 100 mm	**528-042-00**	10 pieces

LASER OPTIMIZED MATERIAL



rematitan® straight wire
Titanium grade 4
For laser welding.
Recommended for axes of swing locks.
Norm: DIN EN ISO 28319, DIN EN ISO 5832-2

ø	Length	REF	Quantity
1.50 mm / 59	50 mm	**528-050-00**	1 piece

LASER OPTIMIZED MATERIAL



rematitan® straight wire
Titanium grade 1
For laser welding.
Norm: DIN EN ISO 28319, DIN EN ISO 5832-2

ø rolled	Length	REF	Quantity
0.50 mm x 1.5 mm / 20 x 59	each 100 mm	**528-043-00**	10 pieces

LASER OPTIMIZED MATERIAL

Spot welding unit Assistent 3000

- button for continuous soldering
- LED display
- automatic voltage detection
- current limitation if electrode is incorrect
- power saving device (stand-by mode if not used for 10 minutes)
- error indications for:
  - overheating
  - mix-up of electrodes
- connection for hand electrode
- connection for foot switch

Hand electrodes, holder for hand electrodes and foot switch are not included!



Power voltage	REF	Quantity
110 V~ / 240 V~	**078-000-00**	1 piece

Technical data

Output	140 W
Welding power	up to 2000 A
Welding stages	6 stages
Soldering stages	2 stages, continuous soldering
Electric fuse	T 3.15 A
Power frequency	50 Hz / 60 Hz
Weight	8 kg
Dimensions (W x H x D)	335 mm x 130 mm x 310 mm

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Equipment and accessories



Foot switch

To be used with the spot welding units Junior 3000, Assistent 3000 and Master 3000.

REF 080-116-00	1 piece



Hand electrode

Suitable for all Dentaurum spot welding units.

REF 081-101-00	1 piece



Holder for hand electrode

For the spot welding units Junior 3000, Assistent 3000 and Master 3000.

Version	REF	Quantity
for right and left side	**081-204-00**	2 pieces
for right side	**081-205-00**	1 piece
for left side	**081-206-00**	1 piece



Soldering carbon for hand electrode

Suitable for all Dentaurum spot welding units.
Copper casing.

REF 081-601-00	1 piece



Electrode, notched, for hand electrode

Suitable for all Dentaurum spot welding units.
For soft-annealing, tempering and welding.

REF 081-501-00	2 pieces



Clamping electrode for hand electrode

Suitable for all Dentaurum spot welding units.
For soft-annealing, tempering and welding.

REF 081-701-00	1 piece

Welding electrode

Suitable for all Dentaurum spot welding units.
Material: copper

Welding electrode	Version	REF	Quantity	
upper	round, fine	**085-000-00**	1 piece	
upper	wide, flat	**085-100-00**	1 piece	
upper	round, thick	**085-200-00**	1 piece	
lower	round, fine	**086-000-00**	1 piece	
lower	wide, notched	**086-100-00**	1 piece	
lower	round, thick	**086-200-00**	1 piece	
lower	wide, flat	**086-300-00**	1 piece	

Soldering electrode

Suitable for all Dentaurum spot welding units.
Carbon with holder.

REF 085-300-00	1 piece



Carbon insert

For soldering electrode (REF 085-300-00).

REF 085-400-00	10 pieces



Equipment and accessories



Screw
For tightening electrodes on Dentaurum spot welding units.

REF 084-100-00	10 pieces



File
For cleaning copper and carbon electrodes on spot welding units.

REF 083-300-00	10 pieces



Heat protection
Protects metal, plastic and ceramic parts against heat damage during soldering.

REF 380-070-00	100 g



Dentaflux® flux
- universal flux
- for all alloys
- especially for connections between precious and non-precious alloys

REF 681-100-00	50 g

Equipment and accessories

Universal silver solder

- in rods
- ready fluxed
- cadmium free

Not permitted for intra-oral use.

ø	1.0 mm - 1.1 mm
Working temperature	700 °C / 1292 °F

REF 380-604-50	1.2 g
REF 380-604-60	10 pieces 1.2 g each

Composition (percentage by mass)

Ag	Zn	Cu
59.0	24.0	16.0



Universal silver solder

- in coils
- without flux
- cadmium free

Not permitted for intra-oral use.

ø	0.6 mm
Working temperature	700 °C / 1292 °F

REF 380-704-50	10 g

Composition (percentage by mass)

Ag	Zn	Cu
59.0	25.0	16.0



White gold solder

- in rods
- ready fluxed
- purity: ct 18.6
- cadmium free

Not permitted for intra-oral use.

ø	1.0 mm - 1.1 mm
Working temperature	950 °C / 1742 °F

REF 380-600-50	1.6 g

Composition (percentage by mass)

Au	Ni	Zn
77.0	16.0	6.0



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Equipment and accessories



activeblue cleaning unit

With activefluid cleaning fluid.
For the gentle removal of plaque from orthodontic removable appliances.

Included:

- 1 x cleaning fluid, 1000 ml (REF 150-020-00)
- 1 x cleaning cup, white
- 1 x cleaning pins, 75 g (REF 098-001-00)
- 1 x tweezers
- 1 x holding magnet
- 1 x power cable (230 V)

Technical data

Power voltage	100 V~ - 240 V~ at 50 Hz / 60 Hz
Turning rotations	1200 min^{-1} / 1600 min^{-1} / 2000 min^{-1}
Electric fuse	T 1.6 A L 250 V
Noise level	< 70 dB (A)
Weight	3 kg
Dimensions (W x H x D)	150 mm x 240 mm x 280 mm

REF 098-000-00	1 piece



Cleaning pins for activeblue

For activeblue cleaning unit.

REF 098-001-00	1 container 75 g each



activefluid cleaning fluid

For activeblue cleaning unit.

REF 150-020-00	1000 ml

Equipment and accessories

Polyclav®

Pressure vessel for polymerization of cold-curing polymers, induction-compatible.
With safety valve.
Without pressure hose.
Capacity: 4.5 l

REF 070-010-00	1 piece



Pressure hose

For Polyclav® (REF 070-010-00).
Connection plug nipple to fit inlet valve and standard coupling for compressed air sockets.
Length: 1.5 m
Pmax: 8.0 bar

REF 070-015-00	1 piece



Heating plate

For Polyclav® (REF 070-000-00 and 070-010-00).

Power voltage	REF	Quantity
230 V~	**070-900-00**	1 piece



Technical data

Output	125 W
Thermostat for water temperature	43 °C / 109.4 °F
Power frequency	50 Hz / 60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 mm x 240 mm x 75 mm

Suction apparatus with charcoal filter

For protection against vapor during processing of acrylics in the laboratory.
- controlled by a photoelectric sensor (automatic switch on/off)
- includes hour meter
- easy-change filter (replace the filter cartridge, REF 072-001-40, after approx. 50 operating hours)

Power voltage	REF	Quantity
230 V~	**072-001-00**	1 piece
115 V~	**072-002-00**	1 piece



Technical data

Output	100 W
Power frequency	50 Hz
Weight	6 kg
Dimensions (W x H x D)	220 mm x 260 mm x 260 mm

Equipment and accessories



Dual wheel model trimmer

For plaster models.
Coarse and fine corundum grinding wheels. Can be used on either side. Separately controlled motor switches with 450 W capacity. Individually controlled water pressure by a magnetic water valve. Work area with squaring and angulation devices.

Power voltage	REF	Quantity
230 V~	**091-100-00**	1 piece

Technical data

Output	2 x 450 W
Turning rotations	1400 min^{-1}
Power frequency	50 Hz / 60 Hz
Weight	39 kg
Dimensions (W x H x D)	530 mm x 400 mm x 385 mm

Corundum disc

For Dentaurum dual wheel model trimmer (REF 091-100-00).

Grain size	REF	Quantity
46 = coarse	**091-101-00**	1 piece
120 = fine	**091-102-00**	1 piece



Diamond disc, coarse

For Dentaurum dual wheel model trimmer (REF 091-100-00).

- long operating life
- extremely high abrasive capacity
- minimal force required

REF 091-105-00	1 piece



Mini-Torch

Ignition and flame adjustment is easy and uncomplicated (automatic, with a flick of your finger). Refill as easy as filling a lighter. Adjustable nozzle.

Technical data

Max. temperature	1300 °C / 2372 °F
Filling quantity	65 ml
Weight	280 g

REF 097-400-01	1 piece



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Equipment and accessories



Modeling tip for the Thermomat

Designation	REF	Quantity
Wax knife, small	**089-602-00**	1 piece
Wax knife, large	**089-605-00**	1 piece
Modeling tip, fine	**089-603-00**	1 piece
Modeling tip, medium	**089-604-00**	1 piece
Modeling spoon	**089-606-00**	1 piece



Handpiece with cable

For Thermomat (REF 089-620-00).

REF 089-612-00	1 piece

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o-atlas II

The reference guide for
removable orthodontic appliances.

Atlas of removable orthodontic appliances.

In a fully revised, extended edition with new images, Ursula Wirtz presents all of the important removable orthodontic appliances.

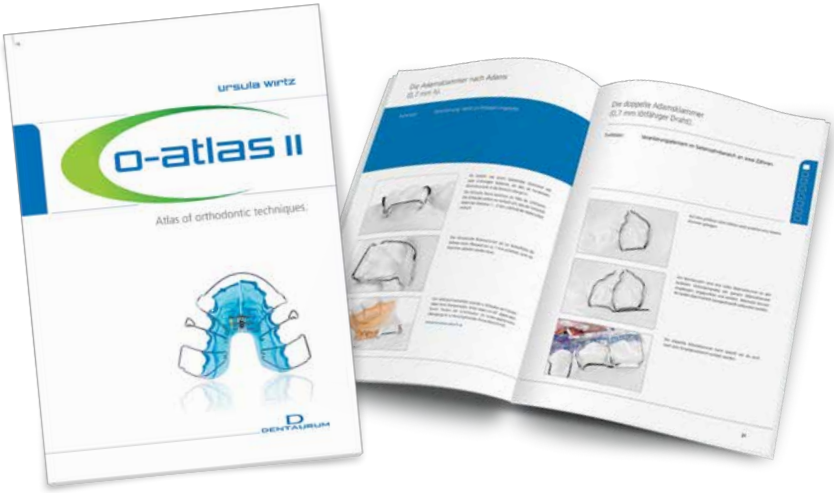
It is a standard reference work designed as a work and study aid for removable orthodontic appliances and is widely illustrated. It serves as a comprehensive reference guide for both orthodontists and dental technicians.

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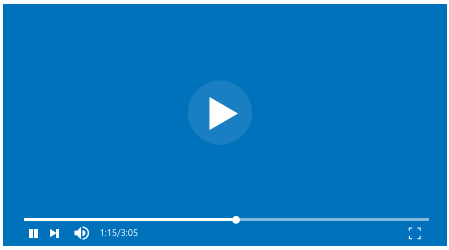
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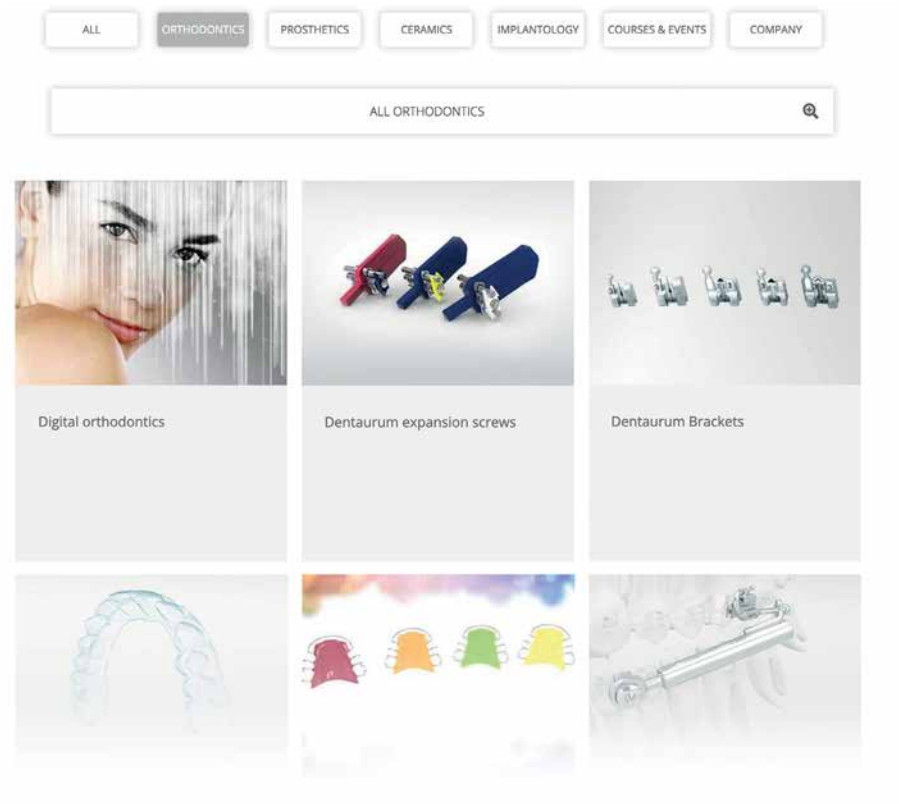
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Courses, webinars and events

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Service

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Added value – advice and support.



Bracket systems – information

Chart of the most frequently used "fixed appliance techniques"

Maxillary	1	1	2	2	3	3	4	4	5	5	6	6		7	7	
System	Torque	Angulation	Torque	Angulation	Torque	Angulation	Torque	Angulation	Torque	Angulation	Torque	Angulation	Distal offset = anti rotation	Torque	Angulation	Distal offset = anti rotation
Alexander	+ 14°	+ 5°	+ 7°	+ 8°	− 3°	+ 10°	− 7°	0°	− 7°	0°	− 10°	0°	15°	− 10°	0°	12°
Andrews	+ 7°	+ 5°	+ 3°	+ 9°	− 7°	+ 11°	− 7°	+ 2°	− 7°	+ 2°	− 15°	+ 1°	16°	− 15°	+ 1°	16°
McLaughlin-Bennett-Trevisi*	+ 17°	+ 4°	+ 10°	+ 8°	-7°/0°/+7°	+ 8°	− 7°	0°	− 7°	0°	− 14°	0°	10°	− 14°	0°	10°
Burstone	+ 7°	+ 5°	+ 3°	+ 8°	− 7°	+ 10°	− 7°	0°	− 7°	0°	− 10°	− 5°	10°	− 10°	0°	6°
Hasund	+ 20°	+ 3°	+ 14°	+ 9°	− 2°	+ 6°	− 10°	+ 2°	− 10°	+ 2°	− 20°	+ 3°	10°	− 25°	+ 5°	6°
Hilgers	+ 22°	+ 5°	+ 14°	+ 8°	+ 7°	+ 10°	− 7°	0°	− 7°	0°	− 10°	0°	14°	− 10°	0°	10°
Ricketts® – IV. Dimension	+ 22°	0°	+ 14°	+ 8°	+ 7°	+ 5°	0°	0°	0°	0°	0°	0°	15°	− 10°	0°	12°
Ricketts® Universal	+ 22°	0°	+ 14°	+ 8°	+ 7°	+ 5°	0°	0°	0°	0°	0°	0°	0°			
Roth	+ 12°	+ 5°	+ 8°	+ 9°	− 2°	+9/+13°	− 7°	0°	− 7°	0°	− 14°	0°	14°	− 14°	0°	14°
Standard Edgewise	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Tweed	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°/6°	0°	0°	0°/6°
Begg	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	6°	0°	0°	6°

Mandibular	1	1	2	2	3	3	4	4	5	5	6	6		7	7	
System	Torque	Angulation	Torque	Angulation	Torque	Angulation	Torque	Angulation	Torque	Angulation	Torque	Angulation	Distal offset = anti rotation	Torque	Angulation	Distal offset = anti rotation
Alexander	− 5°	0°	− 5°	0°	− 7°	+ 6°	− 11°	0°	− 17°	0°	− 22°	− 6°	5°	− 27°	0°	5°
Andrews	− 6°	+ 2°	− 6°	+ 2°	− 11°	+ 7°	− 17°	− 2°	− 22°	− 2°	− 30°	− 2°	6°	− 31°	− 2°	6°
McLaughlin-Bennett-Trevisi*	− 6°	0°	− 6°	0°	-6°/0°/+6°	+ 3°	− 12°	+ 2°	− 17°	+ 2°	− 20°	0°	0°	− 10°	0°	0°
Burstone	− 1°	0°	− 1°	0°	− 11°	+ 6°	− 17°	0°	− 22°	0°	− 27°	0°	5°	− 27°	+ 2°	6°
Hasund	0°	0°	0°	+ 5°	0°	+ 5°	− 10°	+ 2°	− 15°	+ 2°	− 22°	+ 4°	0°	− 25°	+ 2°	6°
Hilgers	− 1°	0°	− 1°	0°	+ 7°	+ 6°	− 11°	0°	− 17°	0°	− 25°	− 5°	7°	− 25°	0°	6°
Ricketts® – IV. Dimension	0°	0°	0°	0°	+ 7°	+ 5°	-7° ex 0° n.-ex	0°	-7° ex -14° n.-ex	0°	− 22°	− 5°	12°	− 27°	0°	16°
Ricketts® Universal	0°	0°	0°	0°	+ 7°	+ 5°	0°	0°	− 14°	0°	0°	− 5°	0°	0°	0°	0°
Roth	− 1°	0°	− 1°	0°	− 11°	+ 7°	− 17°	0°	− 22°	0°	− 30°	− 1°	4°	− 30°	− 1°	4°
Standard Edgewise	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Tweed	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°/6°	0°	0°	0°/6°
Begg	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	6°	0°	0°	6°

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

Note:

No responsibility is taken for accuracy of this information, systems are subject to change!

Pre-welding service.

For your treatment system – quick and reliable.

If required, all Dentaurum brackets, buccal tubes and palatal auxiliaries can be welded to Dentaurum bands by our welding service. Customer friendly and rapid processing of all welding orders by our highly efficient staff. Computer systems allow recording and storage of individual data and rapid delivery of the correct products.

How to process your welding orders.

- Contact us directly or via your local sales representative when ordering.
- For first orders, we draw up an individual order profile to your specifications – your system card.
- With the help of the order form Welding Service you order the items required and the quantities needed for each size. Any changes are recorded on your personal system card.

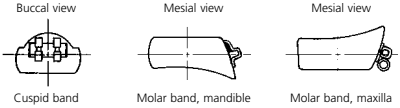
Standard and custom pre-welding service.

We provide the choice of a standard or custom pre-welding service. Brackets and buccal tubes are welded onto the band according to conventional systems.

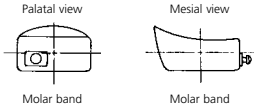
Standard pre-welding service.

The Edgewise technique, e.g. Standard Edgewise, Roth, McLaughlin-Bennett-Trevisi* etc. are available. The system Roth 18 and 22 can be delivered from stock.

Edgewise.

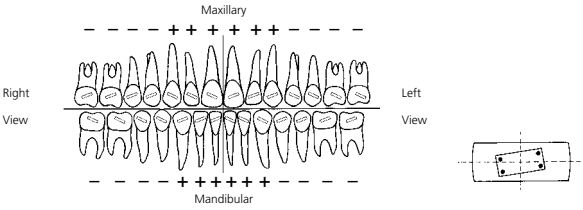


Lingual / palatal attachments.



Custom pre-welding service.

Brackets and buccal tubes are welded onto the bands according to your requirements, e.g. with angulation. Please provide the precise angulation and position of the lingual/palatal attachment with your order.



Angulation / Tip

(+) = angulation of root to distal

(–) = angulation of root to mesial

* The Dentaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

Pre-welding service – banding technique

Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth / Zahn	Position on band / buccal view / Position auf dem Band / bukkal	Band type / size / Bandtyp / Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band / Palatinales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts / right REF **790-259-02** (o.H.) REF **790-204-02** (m.H.) Links / left REF **790-260-02** (o.H.) REF **790-205-02** (m.H.)	– 2°	+ 13°	0.7		REF **750-602-10** central	
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-206-02** (o.H.) REF **790-249-02** (m.H.) Links / left REF **790-206-02** (o.H.) REF **790-250-02** (m.H.)	– 7°	0°	0.7		REF **750-602-10** central	
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-206-02** (o.H.) REF **790-249-02** (m.H.) Links / left REF **790-206-02** (o.H.) REF **790-250-02** (m.H.)	– 7°	0°	0.7		REF **750-602-10** central	
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-131-10** Links / left REF **818-131-20**	occlusal – 14°	0°	0.3	14°	REF **750-602-10** central	Rechts / right REF **818-211-16** Links / left REF **818-211-26**
7 | 7 17 · 27	gingival R distal mesial L distal occlusal	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-212-10** Links / left REF **818-212-20**	– 14°	0°	0.3	10°	REF **750-602-10** central	Rechts / right REF **818-411-17** Links / left REF **818-411-27**



Roth 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth / Zahn	Position on band / buccal view / Position auf dem Band / bukkal	Band type / size / Bandtyp / Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band / Linguales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts / right REF **790-261-02** (o.H.) REF **790-208-02** (m.H.) Links / left REF **790-262-02** (o.H.) REF **790-209-02** (m.H.)	– 11°	+ 7°	0.7		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-210-02** (o.H.) REF **790-251-02** (m.H.) Links / left REF **790-210-02** (o.H.) REF **790-252-02** (m.H.)	– 17°	0°	0.7		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-211-02** (o.H.) REF **790-253-02** (m.H.) Links / left REF **790-211-02** (o.H.) REF **790-254-02** (m.H.)	– 22°	0°	0.7		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-151-40** Links / left REF **818-151-30**	– 30° gingival	0°	0.3	4°	REF **750-602-10** central	Rechts / right REF **818-211-46** Links / left REF **818-211-36**
7 | 7 47 · 37	occlusal R distal mesial L distal gingival	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-218-40** Links / left REF **818-218-30**	– 30°	0°	0.3	12°	REF **750-602-10** central	Rechts / right REF **818-411-47** Links / left REF **818-411-37**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type/size Bandtyp/Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes/ Bukkalröhrchen für die Adhäsivtechnik
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts/right REF **790-263-02** (o.H.) REF **790-216-02** (m.H.) Links/left REF **790-264-02** (o.H.) REF **790-217-02** (m.H.)	**– 2°**	**+ 13°**	**0.7**		REF **750-602-10** central	
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-218-02** (o.H.) REF **790-243-02** (m.H.) Links/left REF **790-218-02** (o.H.) REF **790-244-02** (m.H.)	**– 7°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-218-02** (o.H.) REF **790-243-02** (m.H.) Links/left REF **790-218-02** (o.H.) REF **790-244-02** (m.H.)	**– 7°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts/right REF **822-131-10** Links/left REF **822-131-20**	occlusal **– 14°**	**0°**	**0.3**	**14°**	REF **750-602-10** central	Rechts/right REF **822-211-16** Links/left REF **822-211-26**
7 | 7 17 · 27	gingival R distal mesial L distal occlusal	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts/right REF **822-212-10** Links/left REF **822-212-20**	**– 14°**	**0°**	**0.3**	**10°**	REF **750-602-10** central	Rechts/right REF **822-411-17** Links/left REF **822-411-27**



Roth 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type/size Bandtyp/Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes/ Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts/right REF **790-265-02** (o.H.) REF **790-220-02** (m.H.) Links/left REF **790-266-02** (o.H.) REF **790-221-02** (m.H.)	**– 11°**	**+ 7°**	**0.7**		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-222-02** (o.H.) REF **790-255-02** (m.H.) Links/left REF **790-222-02** (o.H.) REF **790-256-02** (m.H.)	**– 17°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-223-02** (o.H.) REF **790-257-02** (m.H.) Links/left REF **790-223-02** (o.H.) REF **790-258-02** (m.H.)	**– 22°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts/right REF **822-151-40** Links/left REF **822-151-30**	**– 30°** gingival	**0°**	**0.3**	**4°**	REF **750-602-10** central	Rechts/right REF **822-211-46** Links/left REF **822-211-36**
7 | 7 47 · 37	occlusal R distal mesial L distal gingival	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts/right REF **822-218-40** Links/left REF **822-218-30**	**– 30°**	**0°**	**0.3**	**12°**	REF **750-602-10** central	Rechts/right REF **822-411-47** Links/left REF **822-411-37**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

McLaughlin-Bennett-Trevisi* 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth / Zahn	Position on band / buccal view / Position auf dem Band / bukkal	Band type / size / Bandtyp / Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band / Palatinales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts / right REF **790-274-02** (e.H.) Links / left REF **790-275-02** (e.H.)	0°	+ 8°	0.7		REF **750-602-10** central	
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-206-02** (e.H.) REF **790-249-02** (e.H.) Links / left REF **790-206-02** (e.H.) REF **790-250-02** (e.H.)	– 7°	0°	0.7		REF **750-602-10** central	
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-206-02** (e.H.) REF **790-249-02** (e.H.) Links / left REF **790-206-02** (e.H.) REF **790-250-02** (e.H.)	– 7°	0°	0.7		REF **750-602-10** central	
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-132-10** Links / left REF **818-132-20**	occlusal – 14°	0°	0.3	10°	REF **750-602-10** central	Rechts / right REF **818-212-16** Links / left REF **818-212-26**
7 | 7 17 · 27	gingival R distal mesial L distal occlusal	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-212-10** Links / left REF **818-212-20**	– 14°	0°	0.3	10°	REF **750-602-10** central	Rechts / right REF **818-412-17** Links / left REF **818-412-27**



McLaughlin-Bennett-Trevisi* 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth / Zahn	Position on band / buccal view / Position auf dem Band / bukkal	Band type / size / Bandtyp / Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band / Linguales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts / right REF **790-278-02** (e.H.) Links / left REF **790-279-02** (e.H.)	0°	+ 3°	0.7		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-210-02** (e.H.) REF **790-251-02** (e.H.) Links / left REF **790-210-02** (e.H.) REF **790-252-02** (e.H.)	– 17°	0°	0.7		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-210-02** (e.H.) REF **790-251-02** (e.H.) Links / left REF **790-210-02** (e.H.) REF **790-252-02** (e.H.)	– 17°	0°	0.7		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-152-40** Links / left REF **818-152-30**	– 20° gingival	0°	0.3	0°	REF **750-602-10** central	Rechts / right REF **818-212-46** Links / left REF **818-212-36**
7 | 7 47 · 37	occlusal R distal mesial L distal gingival	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-512-40** Links / left REF **818-512-30**	– 10°	0°	0.3	0°	REF **750-602-10** central	Rechts / right REF **818-412-47** Links / left REF **818-412-37**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

McLaughlin-Bennett-Trevisi* 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type/size Bandtyp/Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes/ Bukkalröhrchen für die Adhäsivtechnik
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts/right REF **790-230-02** (o.H.) REF **790-228-02** (m.H.) Links/left REF **790-231-02** (o.H.) REF **790-229-02** (m.H.)	(o.H./no hook) **– 7°** (m.H./with hook) **0°**	**+ 8°**	**0.7**		REF **750-602-10** central	
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-218-02** (o.H.) REF **790-243-02** (m.H.) Links/left REF **790-218-02** (o.H.) REF **790-244-02** (m.H.)	**– 7°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-218-02** (o.H.) REF **790-243-02** (m.H.) Links/left REF **790-218-02** (o.H.) REF **790-244-02** (m.H.)	**– 7°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36	Rechts/right REF **822-132-10**	occlusal **– 14°**	**0°**	**0.3**	**10°**	REF **750-602-10** central	Rechts/right REF **822-212-16**
		Standard Molar Bands No. 1–32	Links/left REF **822-132-20**						Links/left REF **822-212-26**
7 | 7 17 · 27	gingival R distal mesial L distal occlusal	**dentaform®** 2nd Molar Bands No. 1–32	Rechts/right REF **822-212-10**	**– 14°**	**0°**	**0.3**	**10°**	REF **750-602-10** central	Rechts/right REF **822-412-17**
		Standard Molar Bands No. 1–32	Links/left REF **822-212-20**						Links/left REF **822-412-27**



McLaughlin-Bennett-Trevisi* 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type/size Bandtyp/Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes/ Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts/right REF **790-236-02** (o.H.) REF **790-234-02** (m.H.) Links/left REF **790-237-02** (o.H.) REF **790-235-02** (m.H.)	(o.H./no hook) **– 6°** (m.H./with hook) **0°**	**+ 3°**	**0.7**		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-222-02** (o.H.) REF **790-294-02** (m.H.) Links/left REF **790-222-02** (o.H.) REF **790-295-02** (m.H.)	(o.H.) **–17°** (m.H.) **–11°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-222-02** (o.H.) REF **790-294-02** (m.H.) Links/left REF **790-222-02** (o.H.) REF **790-295-02** (m.H.)	(o.H.) **–17°** (m.H.) **–11°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform®** **dentaform® Snap II** 1st Molar Bands No. 1–36	Rechts/right REF **822-152-40**	**– 20°** gingival	**0°**	**0.3**	**0°**	REF **750-602-10** central	Rechts/right REF **822-212-46**
		Standard Molar Bands No. 1–32	Links/left REF **822-152-30**						Links/left REF **822-212-36**
7 | 7 47 · 37	occlusal R distal mesial L distal gingival	**dentaform®** 2nd Molar Bands No. 1–32	Rechts/right REF **822-512-40**	**– 10°**	**0°**	**0.3**	**0°**	REF **750-602-10** central	Rechts/right REF **822-412-47**
		Standard Molar Bands No. 1–32	Links/left REF **822-512-30**						Links/left REF **822-412-37**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

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Pre-welding service – banding technique

Ricketts® 18 – IV. Dimension

Slot: 0.46 mm x 0.76 mm / 18 x 30

Tooth Zahn	Position on band / buccal view Position auf dem Band / bukkal	Band type / size Bandtyp / Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts / right REF **790-290-02** Links / left REF **790-291-02**	**+ 7°**	**0°**	**0.7**		REF **750-602-10** central	
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-602-02** Links / left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-602-02** Links / left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **724-006-00** Links / left REF **724-007-00**	occlusal **0°**	**0°**	**0.3**	**15°**	REF **750-602-10** central	
7 | 7 17 · 27	gingival R distal mesial L distal occlusal	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-217-10** Links / left REF **818-217-20**	**–10°**	**0°**	**0.3**	**8°**	REF **750-602-10** central	Rechts / right REF **724-048-51** Links / left REF **724-049-51**



Ricketts® 18 – IV. Dimension

Slot: 0.46 mm x 0.76 mm / 18 x 30

Tooth Zahn	Position on band / buccal view Position auf dem Band / bukkal	Band type / size Bandtyp / Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts / right REF **790-278-02** (m.H.) Links / left REF **790-279-02** (m.H.)	**0°**	**+ 3°**	**0.7**		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-602-02** Links / left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-210-02** Links / left REF **790-210-02**	**– 17°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **724-064-00** Links / left REF **724-065-00**	**–22°** gingival	**– 5°**	**0.3**	**12°**	REF **750-602-10** central	Rechts / right REF **818-122-46** Links / left REF **818-122-36**
7 | 7 47 · 37	occlusal R distal mesial L distal gingival	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-218-40** Links / left REF **818-218-30**	**–30°**	**– 5°**	**0.3**	**12°**	REF **750-602-10** central	Rechts / right REF **818-211-46** Links / left REF **818-211-36**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

Ricketts® Universal 18

Slot: 0.46 mm x 0.76 mm / 18 x 30

Tooth / Zahn	Position on band/buccal view / Position auf dem Band/bukkal	Band type/size / Bandtyp/Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band / Palatinales Teil Position auf d. Band	
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts/right REF **790-290-02** Links/left REF **790-290-02**	**+ 7°**	**0°**	**0.7**		REF **750-602-10** central	
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts/right REF **724-600-00** Links/left REF **724-601-00**	central **0°**	**0°**	**0.3**	**0°**	REF **750-602-10** central	



Ricketts® Universal 18

Slot: 0.46 mm x 0.76 mm / 18 x 30

Tooth / Zahn	Position on band/buccal view / Position auf dem Band/bukkal	Band type/size / Bandtyp/Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band / Linguales Teil Position auf d. Band	Bondable tubes/ Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts/right REF **790-278-02** (m.H.) Links/left REF **790-279-02** (m.H.)	**0°**	**+ 3°**	**0.7**		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-210-02** Links/left REF **790-210-02**	**– 17°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts/right REF **724-018-00** Links/left REF **724-018-00**	**0°** gingival	**– 5°**	**0.3**	**0°**	REF **750-602-10** central	Rechts/right REF **724-018-51** Links/left REF **724-018-51**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

Hilgers 18

Slot: 0.46 mm x 0.76 mm / 18 x 30

Tooth / Zahn	Position on band / buccal view / Position auf dem Band / bukkal	Band type / size / Bandtyp / Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band / Palatinales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts / right REF **790-290-02** Links / left REF **790-291-02**	**+ 7°**	**0°**	**0.7**		REF **750-602-10** central	
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-206-02** Links / left REF **790-206-02**	**– 7°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-206-02** Links / left REF **790-206-02**	**– 7°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-131-10** Links / left REF **818-131-20**	occlusal **– 14°**	**0°**	**0.3**	**14°**	REF **750-602-10** central	Rechts / right REF **724-266-51** Links / left REF **724-267-51**
7 | 7 17 · 27	gingival R distal mesial L distal occlusal	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-217-10** Links / left REF **818-217-20**	**– 10°**	**0°**	**0.3**	**8°**	REF **750-602-10** central	Rechts / right REF **724-048-51** Links / left REF **724-049-51**



Hilgers 18

Slot: 0.46 mm x 0.76 mm / 18 x 30

Tooth / Zahn	Position on band / buccal view / Position auf dem Band / bukkal	Band type / size / Bandtyp / Größe	Brackets Buccal tubes / Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band / Linguales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts / right REF **790-278-02** Links / left REF **790-279-02**	**0°**	**+ 3°**	**0.7**		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-210-02** Links / left REF **790-210-02**	**– 17°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-210-02** Links / left REF **790-210-02**	**– 17°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **724-056-00** Links / left REF **724-057-00**	**– 25°** gingival	**– 5°**	**0.3**	**8°**	REF **750-602-10** central	Rechts / right REF **724-056-51** Links / left REF **724-057-51**
7 | 7 47 · 37	occlusal R distal mesial L distal gingival	**dentaform®** 2nd Molar Bands No. 1–32 **Standard** Molar Bands No. 1–32	Rechts / right REF **818-218-40** Links / left REF **818-218-30**	**– 30°**	**– 5°**	**0.3**	**12°**	REF **750-602-10** central	Rechts / right REF **818-211-46** Links / left REF **818-211-36**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

Standard Edgewise 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type/size Bandtyp/Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band Palatinales Teil Position auf d. Band
3 | 3 13 · 23	gingival R distal mesial L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central
4 | 4 14 · 24	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central
5 | 5 15 · 25	gingival R distal mesial L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central
6 | 6 16 · 26	gingival R distal mesial L distal occlusal	**dentaform® dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts/right REF **727-365-00** Links/left REF **727-366-00**	**0°**	**0°**	**0.3**	**0°**	REF **750-602-10** central



Standard Edgewise 18

Slot: 0.46 mm x 0.76 mm / 18 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type/size Bandtyp/Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes/ Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal mesial L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal mesial L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts/right REF **790-602-02** Links/left REF **790-602-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal mesial L distal gingival	**dentaform® dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts/right REF **724-018-00** Links/left REF **724-018-00**	**0°**	**0°**	**0.3**	**0°**	REF **750-602-10** central	Rechts/right REF **724-018-51** Links/left REF **724-018-51**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

Standard Edgewise 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band / buccal view Position auf dem Band / bukkal	Band type / size Bandtyp / Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Palatal attachment Position on band Palatinales Teil Position auf d. Band
3 | 3 13 · 23	gingival R distal · mesial · L distal incisal	**Standard** Eckzahn Cuspids No. 1–25	Rechts / right REF **790-606-02** Links / left REF **790-606-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central
4 | 4 14 · 24	gingival R distal · mesial · L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-606-02** Links / left REF **790-606-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central
5 | 5 15 · 25	gingival R distal · mesial · L distal occlusal	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-606-02** Links / left REF **790-606-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central
6 | 6 16 · 26	gingival R distal · mesial · L distal occlusal	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **727-385-00** Links / left REF **727-386-00**	**0°**	**0°**	**0.3**	**0°**	REF **750-602-10** central



Standard Edgewise 22

Slot: 0.56 mm x 0.76 mm / 22 x 30 · cuspid, 1st bicuspid and 2nd bicuspid bands are welded conventionally with equilibrium® 2 brackets

Tooth Zahn	Position on band / buccal view Position auf dem Band / bukkal	Band type / size Bandtyp / Größe	Brackets Buccal tubes Brackets Bukkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset / Anti Rotation	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes / Bukkalröhrchen für die Adhäsivtechnik
3 | 3 43 · 33	incisal R distal · mesial · L distal gingival	**Standard** Eckzahn Cuspids No. 1–21	Rechts / right REF **790-606-02** Links / left REF **790-606-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
4 | 4 44 · 34	occlusal R distal · mesial · L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-606-02** Links / left REF **790-606-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
5 | 5 45 · 35	occlusal R distal · mesial · L distal gingival	**Standard** Prämolaren Bicuspids No. 1–32	Rechts / right REF **790-606-02** Links / left REF **790-606-02**	**0°**	**0°**	**0.7**		REF **750-602-10** central	
6 | 6 46 · 36	occlusal R distal · mesial · L distal gingival	**dentaform®** **dentaform® Snap** 1st Molar Bands No. 1–36 **Standard** Molar Bands No. 1–32	Rechts / right REF **724-019-00** Links / left REF **724-019-00**	**0°**	**0°**	**0.3**	**0°**	REF **750-602-10** central	Rechts / right REF **724-019-51** Links / left REF **724-019-51**



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.
The illustrations shown are examples of bands with pre-welded attachments and are not identical with the described system.

Bands – comparison charts

The following charts featuring commonly used bands according to their sizes will help you to convert to Dentaurum bands when ordering.

Upper cuspid bands

Dentaurum		American Orthodontics	Dentsply Sirona Snap-Fit	Lancer Orthodontics	Ormco	Rocky Mountain Orthodontics	3M		
1		1		00			1+		
2		2	000	0			2+		
3		3.5			1	d	4		
4		4.5		1	2		5		
5		5	1	2		d+	5+		
6		6	2		3	e	6+		
7		7	3	3	4	e+	7+		
8		8	4	4	5		8+		
8.5		8.5		5	6	f	9		
9		9	5		7		9+		
9.5		9.5		6	8	f+	10		
10		10	6	7	9		10+		
10.5		10.5	7			g	11		
11		11		8	10		11+		
11.5		11.5	8	9	11		12		
12		12	9		12	g+	12+		
12.5		12.5		10			13		
13		13	10	11	14	h	13+		
14		13.5	11	12			14		
15		14.5	12	13	16	h+	15		
16		15.5		14			16		
17		16.5	14	15	18	i+	17		
18		17	15	16	19		17+		
19		18		17		j	18+		
20		19	17	19	22	j+	19+		

We accept no responsibility for the accuracy of this information.

Lower cuspid bands

Dentaurum		American Orthodontics	Dentsply Sirona Snap-Fit	Lancer Orthodontics	Ormco	Rocky Mountain Orthodontics	3M		
1		1		0		B	1		
2		2		1	1	B+	2		
3		3				C	3		
4		4	00	2	2		3+		
5		5	0		3	C+	4+		
5.5		5.5		3			5		
6		6	1	4		D	5+		
6.5		6.5		5	4				
7		7	2			D+	6		
7.5		7.5		6	5		6+		
8		8	3	7		E	7		
8.5		8.5			6		7+		
9		9	4	8	7	E+	8		
9.5		9.5		9			8+		
10		10	5		8	F	9+		
11		11	7	11	10	F+	10		
12		12	9	13	12	G	11+		
13		13	10				12+		
14		14		15	14	H	13		
15		15	12		16	H+	14+		
16		16	13	16			15+		

We accept no responsibility for the accuracy of this information.

Bands – comparison charts

Upper 1st and 2nd bicuspid bands

Dentaurum		American Orthodontics	Dentsply Sirona Snap-Fit	Lancer Orthodontics	Ormco	Rocky Mountain Orthodontics	3M CONTOURED	3M GENERAL PURPOSE	3M PROPORTIONED
1		1	1		1			00	
2		3	2	1		G		00+	
3		4	3		2			0	
4		5	4	2	3	G+		0+	1
5		6	5					1	
6			6	3	4	H		1+	
7		8	7		6	H+		2+	
8		9	8	5			2		5
9		10	9	6	7			3	
10		12	10	7	9			4	
11			11		10	I+		4+	
12		13	12	8	11		4		9
13		14	13	9	12	J		5	
14		15	14	10	13	J+		6	12
15		16	15	11	14		6	6+	
16		17	16			K		7	13
17		18	17	12	15		7		
18		19	18	13	16		8	7+	15
19		20	19	14	17	K+		8	
20		23	20	15	19	L	10	9+	
21		24	21	16	20			10	
22		25	22	17	21	L+			20
23			23		22	M	11	10+	
24		26	24	18	23			11	22
25		27	25	19	24		12	11+	
26		29	26	20	25	MI+		12+	24
27		30	27	21	26		13	13	
28		32	28	22	28	N	14	13+	27
29			29	23	29	N+		14	
30			30	24	31			15	29
31			31	25	32				
32			32						

We accept no responsibility for the accuracy of this information.

Lower 1st and 2nd bicuspid bands

Dentaurum		American Orthodontics	Dentsply Sirona Snap-Fit	Lancer Orthodontics	Ormco	Rocky Mountain Orthodontics	3M CONTOURED	3M GENERAL PURPOSE	3M PROPORTIONED
1		1	1						
2			2	1					
3		2	3		1				1
4		3	4	2		F		1+	4
5		4	5		3		1		5
6		5	6	3	4	F+		2+	6
7		6	7	4	6				8
8		9	8	6	7	G		5	10
9			9	7	8	G+			11
10			10		9	H	5	5+	12
11		10	11	8	10				
12		11	12	9	11	H+	7	7	14
13		12	13	10					16
14		13	14	11	12	I	9	8+	17
15		15	15	12		I+			
16		16	16	13	14		11	10	19
17		17	17	14	15	J	12		21
18		18	18	15	17			12	
19		19	19	16		K	14		23
20		21	20		19		15	13+	25
21		22	21	17		K+			27
22		23	22	18	21		17	15	
23		24	23	19		L	18		28
24		25	24	20	22	L+		16	29
25		27	25	21		M			31
26		28	26	22	25			18	33
27		30	27	23	26	M+			34
28		31	28		27		22	19+	35
29		32	29	24	28				36
30			30	25	29				
31			31	26	30				38
32			32	27					

We accept no responsibility for the accuracy of this information.

Bands – comparison charts

Upper 1st molar bands

Dentaurum Standard	Dentaurum dentaform® Snap dentaform®		American Orthodontics CONTOURED MR2, Mini Master S	American Orthodontics CONTOURED MR1, Master Series	Dentsply Sirona Snap-Fit	Lancer Orthodontics SUPRA™	Ormco Standard	Ormco ULTIMA® Trimline	Ormco WASHBON®	Rocky Mountain Orthodontics	TP Orthodontics LABS	3M CONTOURED	3M GENERAL PURPOSE
1			1							3			
2	1				1								
	2									5			29
	3				2	1	1						29+
3			2						1				
4	4				3	2	2			6			
5			3			3	3		2	7			30
6	5												30+
	6		4		4	4	4		3				
7			5			5	5	5					
	7						6	6	4	8	1	31	
8			6			6		7	5	9	2		31
	8			1.5	5	7	7	8		10		31+	31+
9	9		7		6	8	8		6		3	32	32
10	10		8			9	9			11	5		
	11			2.5	7		10	10	8		6	33	
11	12		9	3	8	10	11	11	9		7		33
12			10			11			10	12	8	33+	33+
13	13		11	3.5	9		12	12			9	34	34
14			12			12	13	13		13	10		
	14		13	4	10	13	14	14	11	14	11	34+	34+
15	15				11		15		12	15	12		
16	16		14	4.5	12	14		15	13	16	13	35	35
17	17		15	5	13	15		16	14	17	14	35+	35+
18						16	17	17	15	18	15		
	18		16		14	17			16		16	36	36
19				5.5			18	18			17		36+
	19		17	6	15	18		19	17	19	18		
20	20		18		16	19	19	20		20	19	36+	
	21		19	6.5	17				18	21	20	37	37
21				7		20	20	21		22	21		
	22		20		18	21		22	19	23	22	37+	37+
22				7.5			21			24			
23	23		21		19	22	22		20	25	23		38
24	24		22	8	20	23	23	23	21	26	24	38	
	25		23		21				22	27	25		
25	26				22	24	24	24		28		38+	39
26	27				23	25	25		24	29	27		
	28				24	27		26	26	31	29	39+	
27	29		26	9.5	25		27	27	27	32	30		39+
	30		27		26	28	28	28		33	31		40
28						29		29	28	34		40	40+
29	31		28	10	27		29			35	32	40+	
30	32			10.5	28	31	30	31	29				
31	33		30	11	29		31	32	30	36		41	
32	34		32	11.5	30	32							41+

We accept no responsibility for the accuracy of this information.

Lower 1st molar bands

Dentaurum Standard	Dentaurum dentaform® Snap dentaform®		American Orthodontics CONTOURED MR2, Mini Master S	American Orthodontics CONTOURED MR1, Master Series, MSH	Dentsply Sirona Snap-Fit	Lancer Orthodontics SUPRA™	Ormco Standard	Ormco ULTIMA® Trimline	Ormco WASHBON®	Rocky Mountain Orthodontics	TP Orthodontics LABS	3M CONTOURED	3M GENERAL PURPOSE
	1									2			28+
	2									3			
	3				1								29+
	4									4			
1			1				1						
2	5				2								30
3			2			1	2		1	5			
4	6		3		3	2							
	7						3		2	6			30+
5			4			3							
	8				4	4	4		3	7			
6	9			1.5			5				1	31	31
7	10		5		5	5	6	5	4	8	2		
8	11		7	2	6		7	7		9		31+	
	12		8			7	8		6	10	4		32
9				2.5		8		8	7		5	32	
10	13		9		7		9	9		11	6		32+
11	14		10		8	9	10		8		7	32+	
12				3		10	11	10	9	12	8	33	33
	15		11		9				10				
	16		12		10	11	12	11		13	9		33+
13				3.5		12	13	12		14	10	33+	
14	17		13		11		14	13	11	15	11	34	34
15	18			4	12	14		14	13	16	12	34+	34+
	19		14	4.5	13		16	15		17	13	35	35
16			15			15			14		14		
	20		16	5	14	16	17	16	15	18	15	35+	35+
17	21		17		15			17	16		16		
18			18			17	18	18		19	17		
	22		19		16	18			17	20	18	36	36
19	23		20	6	17		19	19		21	19		
20				6.5		19			18	22	20	36+	36+
21	24			7	18	20	20	20		23	21		
	25		21		19			21	19	24		37	37
22	26		22	7.5	20	21	21	22			22		
	27					22	22		20			37+	37+
23	28		23		21		23	23	21	25	23		
	29			8	22	23		24	22	26	24	38	38
24	30				23	24	24			27	25		
25			25			25	25	26	24	29	27		38+
26			26	8.5		26	26		25	30	28	39	39
27	31		27		24			27	26	31		39+	
	32		28	9	25	27	27		27	32			39+
28				9.5		28	28	28		33		40	
29			29			29	29	30	28	34			40
30	33			10.5	26	30		31				40+	40+
31	34		30		27		30		29	35			
32	36		32		29	31		33		36		41	41

We accept no responsibility for the accuracy of this information.

Bands – comparison charts

Upper 2nd molar bands

Dentaurum dentaform®		American Orthodontics	Dentsply Sirona Snap-Fit	Lancer Orthodontics	Ormco	Rocky Mountain Orthodontics	TP Orthodontics LABS	3M
								28
1			1					
								28+
2			2					
								29
3			3					
4			4	1				29+
5			5		1			
6				2				30
				3	2			
7			6					30+
8			7	4	3			
9			8	5				31
10			9		4		1	31+
11			10	6	5		2	
		1.5		7		7		32
12			11		6		3	
		2		8	7		4	32+
13			12	9			5	
		2.5			8	8	6	33
14		3	13	10	9		7	
				11	10	9	8	33+
15		3.5	14				9	
				12	11	10	10	34
16		4	15	13	12		11	
					13		12	34+
		4.5		14		11	13	
17			16	15	14	12		
18		5	17		15	13	14	35
19			18	16	16	14	15	
20			19	17		15	16	35+
		5.5			17		17	
21		6	20	18		16	18	36
22			21	19	18	17	19	
		6.5				18	20	36+
23		7	22	20	19	19	21	
24			23	21		20	22	37
25		7.5	24		20	21		
				22	21	22	23	37+
26		8	25	23	22		24	
						23	25	38
27			26	24	23	24		
28		8.5	27	25	24	25	26	38+
					25		27	
29		9	28	26	26	26	28	39
30			29	27	27	27	29	
		9.5				28	30	39+
31			30	28	28	29	31	
				29		30		40
32		10				31	32	
				30	29			40+
		10.5		31	30	32		
		11			31			41
				32			33	
		11.5			32			
							34	
							35	

We accept no responsibility for the accuracy of this information.

Lower 2nd molar bands

Dentaurum dentaform®		American Orthodontics	Dentsply Sirona Snap-Fit	Lancer Orthodontics	Ormco	Rocky Mountain Orthodontics	TP Orthodontics LABS	3M
								28
								28+
				29.5				29
1			3	30	1			29+
2			4		2			30
				30.5				30+
3			5		3			
4			6	31			1	31
5		1.5			4		2	
				31.5	5		3	31+
		2		32		7		
6			7		6		4	32
7		2.5	8		7		5	
8			9	32.5			6	32+
9			10		8	8	7	
10		3	11	33	9		8	33
		3.5			10	9		
11			12	33.5			9	33+
						10	10	
12			13	34	11		11	34
13		4	14	34.5	12			
		4.5			13	11	12	34+
14						12	13	
15			15	35	14	13	14	35
		5			15	14	15	
16		5.5	16	35.5	16	15	16	35+
							17	
17		6	17	36	17	16	18	36
18		6.5	18	36.5		17	19	
19		7		37	18	18	20	36+
20			19			19	21	
		7.5			19	20		37
21			20	37.5		21	22	37+
					20	22		
22		8	21	38	21		23	38
23			22		22	23	24	
24			23	38.5	23	24	25	38+
					24	25	26	
25			24	39	25		27	39
26		8.5	25	39.5	26	26	28	
27			26		27	27		
		9				28		39+
28		9.5	27		28	29		
29		10				30		40
30			28			31		
					29			40+
31		10.5	29			32		
					30			41
32		11	30		31			
					32			

We accept no responsibility for the accuracy of this information.

Comparison between Dentaurum wires / Brand names of other competitive products

Dentaurum	American Orthodontics	Dentsply Sirona	FORESTADENT	Lancer Orthodontics	Leone	MASEL
dentaflex® twisted wires	TWIST	Wildcat® Tricat	Forestaflex®	Swiss Strand™	Twist	Triple Twist R™
dentaflex® co-axial wires	CO-AX	PentaCat® Hexacat	Forestaflex®	Memorex	Flex	Penta-One™
dentaflex® braided wires	Streight™ Woven	Quad-Cat Multibraid Arches	Forestaflex®	Simplicity Wire Braided NiTi	Twist	Octava™
remanium® stainless steel wires	SS STAINLESS STEEL Wire	Nubryte Gold Super Gold Stainless Steel	Stahl Forestanit® Forestanit®-Super	High Tensile Stainless Steel X-Resilient Stainless Steel	Leowire® Stainless Steel	Resilient Bright Golden
Equire stainless steel wires	SS STAINLESS STEEL Wire	Nubryte Gold Super Gold Stainless Steel	Stahl Forestanit® Forestanit®-Super	High Tensile Stainless Steel	Leowire® Stainless Steel	Resilient Bright Golden
remaloy® / Redur® cobalt-based alloy	CC Chromium-Cobalt (Multiphase blue)	Coballoy	Forestalloy	Bendalloy™ Blue Ortholoy Blue	Leoloy® chromium-cobalt wire Crozat	Masiloy™
rematitan® LITE nickel titanium alloy super elastic		Sentalloy® superelastic Lowland NiTi	Titanol® - Superelastic (SE) - Low Force	Titanal™ Super Elastic Orthinol II	Memoria® superelastic	Elastinol™ superelastic Authentic Nitinol Value Brand of NiTi Econo Nickel Titanium
rematitan® SPECIAL beta titanium alloy	BETA TITANIUM	Resolve® Beta Titanium	Betaflex Titan	Titanal™ Beta-Titanium Molybdenum	Beta Memoria®	CNA BETA III™
Tensic® nickel titanium, thermo-active	Therma-Ti® Lite Titanium Memory Wire	Neo Sentalloy® Heat-Activation	Titanol® Martensitic BioStarter BioTorque BioFinisher Martensitic	Titanal LT™ Thermodynamic	Thermomemoria®	Therm-A-Form Ultra™ CV SuperForce™
Equire nickel titanium, thermo-active	Therma-Ti® Lite Titanium Memory Wire	Neo Sentalloy® Heat-Activation	Titanol® Budget Titanol® Martensitic BioStarter BioTorque BioFinisher Martensitic	Titanal LT™ Thermodynamic	Thermomemoria®	Therm-A-Form Ultra™ CV SuperForce™
rematitan® LITE White nickel titanium alloy super elastic	Iconix® Aesthetic SE NiTi	Spectra™ Imagination Sentalloy® High Aesthetic	Titanol® Cosmetic	Titanal™ TS Coated	Memoria® Natura®	Orthocosmetic Elastinol™
Tensic® White nickel titanium, thermo-active			BioCosmetic®		Memoria® Mimetic rhodium coated	

Note: Some of the items listed are registered brand names e.g. TMA® from Ormco.

Comparison between Dentaurum wires / Brand names of other competitive products

Dentaurum	Ormco	Rocky Mountain Orthodontics	SCHEU-DENTAL	TP Orthodontics	World Class Orthodontics | Ortho Organizers GmbH	3M
dentaflex® twisted wires	Triple Flex™	Tri-Flex™		Twisted 3-Strand Wire	Twist Stainless Steel	Hi-T™ II Twist Flex Twist
dentaflex® co-axial wires	Respond®	Supra-Flex™		Co-Ax®	Coaxial Stainless Steel	Coaxial
dentaflex® braided wires	D-Rect® Turbo Wire	Flex-VIII™		Woven 8-Strand Wire	Braided Stainless Steel	Braided
remanium® stainless steel wires	Stainless Steel	Tru-Chrome®	Chromium	Shiny Bright Wire TP Original Stainless Steel	Stainless Steel	Permachrome Hi-T™ II Stainless Steel
Equire stainless steel wires	Stainless Steel	Tru-Chrome®	Chromium	Vela™ Shiny Bright Wire TP Original Stainless Steel	Stainless Steel	Permachrome Hi-T™ II
remaloy® / Redur® cobalt-based alloy	Azurloy™	Elgiloy® blue			Ortholoy-Blue	Blue Flexiloy®
rematitan® LITE nickel titanium alloy super elastic	Ni-Ti® Align™ SE 200 Align™ XF	Orthonol® Superelastic	Lazium®	Reflex® Superelastic	Nitanium S.E. Superelastic	Nitinol® SE Superelastic Nitinol® Classic
rematitan® SPECIAL beta titanium alloy	TMA® Titanium Molybdenum	Bendaloy™ Titanium-Molybdenum		TiMolium®	CNA™ Beta III	Beta III Titanium
rematitan® sl nickel titanium alloy super elastic					Nitanium Black Ti™	
Tensic® nickel titanium, thermo-active		Thermaloy® Thermally activated		Reflex® Heat activated	Accel™ Bio-Kinetix™ Bio-Kinetix™ Plus	Nitinol® Heat activated
Equire nickel titanium, thermo-active		Thermaloy® Thermally activated		Vela™ Reflex® Heat activated	Accel™ Bio-Kinetix™ Bio-Kinetix™ Plus	Nitinol® Heat activated
rematitan® LITE White nickel titanium alloy super elastic		Orthonol® FLI® Wire coated		Reflex® Aesthetic Wire	Nitanium Plastic Coated WOOWA Bio-Aesthetic Coated	
Tensic® White nickel titanium, thermo-active					Bio-Kinetix™ Micro Coated	

Note: Some of the items listed are registered brand names e.g. TMA® from Ormco.

Materials list

Product groups	Product	Identification no.*
Aligner	prime4me® Aligner	4.102
	prime4me® Retainer	4.102
	prime4me® Aligner Attachment Guide	4.004
Lingual system	discovery® delight – lingual brackets / molar tubes	1.005
	rematitan® LITE lingual arch	3.200
	remanium® lingual arch	1.012 or 1.013
	dentaflex® lingual arch	1.012 or 1.013
Self-ligating brackets	dinamique® c	5.000 (body), 3.300 (clip), rhodium coating
	dinamique® m	1.009 (body), 3.300 (clip)
	discovery® sl / discovery® sl 2.0	1.003, 1.009, 3.005
Metal brackets	discovery® / discovery® smart	1.005
	topic	3.004
	equilibrium® 2 / equilibrium® mini	1.005
	equilibrium® 2 / equilibrium® mini with hook	1.001, 1.005
	equilibrium® ti	3.104
	equilibrium® ti with hook	3.102, 3.104
Aesthetic brackets	discovery® pearl	5.000, 4.003 (positioning guide)
	Elegance®	1.000, 4.002 glass-fiber reinforced
	Fascination® / Fascination® 2	5.000
	Jewels	5.000
Bracket accessories	Titanium button with chain acc. to Watted	3.100, 3.101
	Lingual button for bonding technique	1.002
	Lingual double hook for bonding technique	1.005, 1.008
	Mesh bases for bonding technique	1.005
	Mesh bases for buccal tubes for bonding technique	1.000, 1.001
	Gauze	1.000
Buccal tubes	Ortho-Cast / Ortho-Cast w.h. / Ortho-Cast w.h. & w.t. / Ortho-Cast M-Series	1.005
w.h. = with hook	Ortho-Cast w.h. and central tube	1.000, 1.005
w.t. = with tube	Ortho-Cast with large base / Ortho-Cast w.h. and large base	1.000, 1.001, 1.005
w.h. & w.t. = with hook and tube	Ortho-Cast w.h. & w.t. occlusal / gingival	1.005, 1.008
	Ortho-Cast mini / Ortho-Cast sl	1.005
	Ortho-Cast NF	3.004
	Ortho / Ortho w.t.	1.000, 1.002
	Ortho w.h. / Ortho w.h. & w.t.	1.000, 1.001, 1.002
	Ortho for bonding technique / Ortho w.t. occlusal for bonding technique	1.000, 1.001, 1.002
	Ortho with mesial / distal hook and central tube	1.000, 1.002, 1.005
	rematitan®	3.100, 3.101
	rematitan® with hook	3.101, 3.102
	Lingual / palatal sheaths	1.008
	Lingual / palatal sheaths with mesial / distal hooks	1.000, 1.008
	Lingual / palatal sheaths with distal hooks	1.002, 1.008
	Lingual / Palatal sheaths easy in	1.008
	Button	1.002
	Band seating lug	1.005
	Double hook / Hook with seating lug	1.008
	Button hook	1.001
	Insert-Adapter	1.003
Bands	dentaform® Snap	1.008
	dentaform®	1.001
	Standard bicuspid and cuspid bands	1.001
	Standard 1st and 2nd molar bands	1.008
	Band material on rolls	1.001
	Matrix band on rolls	1.003
Arches	remanium® ideal arch	1.013
	Equire preformed ideal arch	1.013
	dentaflex® ideal arch	1.012 or 1.013
	Noninium® ideal arch	REF XXX-XXX-00 / 1.006
		REF XXX-XXX-10 / 1.014
	Noninium® White ideal arch	1.006, 4.008
	Tensic® ideal arch	3.203

Product groups	Product	Identification no.*
Arches	Equire thermo-active preformed ideal arch	3.200
	Tensic® White ideal arch	3.200, 4.008
	rematitan® sl ideal arch	3.200
	rematitan® LITE ideal arch / Ricketts® PENTA ideal arch	3.202
	rematitan® LITE Spee® retraction arch	3.202
	rematitan® LITE White ideal arch	3.202, 4.008
	remaloy® ideal arch	3.006
	rematitan® SPECIAL ideal arch	3.103
	Translucent ideal pearl arches	4.005 + fiber glass
Wire	remanium® straight wire / wire on coils	1.003
	dentaflex® straight wire, round, 3-strand twisted	1.003
	dentaflex® straight wire, round, 6-strand co-axial	1.012 or 1.013
	Noninium® straight wire / wire on coils	REF XXX-XXX-00 / 1.006
		REF XXX-XXX-10 / 1.014
	remaloy® straight wire	3.006
	rematitan® SPECIAL straight wire	3.103
	dentaflex® wire on coils, round, 3-strand twisted / 6-strand co-axial	1.011
	rematitan® LITE wire on coils	3.200
Retainer	rematain® flat retainer wire	1.013
	Titanium retainer wire, Ti1	3.100
	Titanium retainer wire, Ti5	3.102
	Gold retainer wire	2.301
	remanium® lingual retainer	1.011, 1.013
	Titanium lingual retainer	3.101
	prime4me® RETAIN3R	3.102
Wires / Arches / Accessories	remanium® ligature wire	1.005
Accessories	remanium® preformed ligatures, short	1.005
	remanium® preformed ligatures, long	1.012 or 1.013
	remanium® Kobayashi ligatures	1.012 or 1.013
	Ligatures White, Kobayashi White ligatures	1.013, 4.008
	remanium® tension springs / compression springs	1.003
	rematitan® LITE tension springs / compression springs	3.200
	Cuspid retraction springs	1.000, 1.003
	Jaw fracture splint	1.000
	Sliding tubes, round with hook	1.000, 1.001
	Clamping tubes, rectangular with hook	1.005
	Clamping tubes, rectangular with wire	1.003 + 1.005
	Cross tube, rectangular tube	1.000
	Stop tubes	1.013
	Noninium® standard labial arches	1.014
	Noninium® Adams clasps / triangular clasps / arrow clasps	1.014
	Noninium® ball retainer clasps	REF XXX-XXX-01 / 1.006
		REF XXX-XXX-02 / 1.014
	remanium® ball retainer clasps / remanium® arrow clasps	1.001
	Guide pins acc. to G. Müller®	1.003
	Guide pins acc. to Hinz	1.012 or 1.013
	Lingual bar	1.003
	Strengthener	1.005
	Stainless steel tubes	1.000
	Plastic sleeving	4.009
	remanium® Goshgarian palatal bars	1.013
	remanium® Quad Helix	1.013
	Orthorama® palatal arches / Lingual arches / Sectional arches / Multi-Action	3.006
	Orthorama® transfer jigs	1.000
	Orthorama® retention rings	1.001 + 1.008
	Grid strengtheners stainless steel	1.000
	Grid strengtheners gold-plated	1.000 gold-plated (24 carat)
Class II appliances	SUS² / SUS³ telescope rod, assembled	1.002, 1.003
	SUS² / SUS³ telescope rod	1.003
	SUS² / SUS³ arch adapter / fixing screw	1.002

Materials list

Product groups	Product	Identification no.*
Class II appliances	SUS² telescope element	1.000, 1.003
	SUS³ telescope element	1.000, 1.003, 1.015
	SUS² / SUS³ turbo spring / pressure spring (stainless steel)	1.003
	SUS² compression spring (nickel titanium)	3.200
	SUS² / SUS³ distance spring	1.003
	Spacer rings, crimpable	1.002
	SUS² / SUS³ ball retainer clasp	1.000
	Herbst I hexagon socket screw / slotted screws	1.002
	Herbst base / pivot	1.002
	Herbst telescope tubes	1.009
	Herbst telescope tubes with ball joint	1.000, 1.002, 1.003
	Herbst TS telescopic tube	1.000, 1.002, 1.003, 1.009
	Herbst telescope rods	1.002
	Herbst spacer rings	1.002
Intra- and extra-oral	Metal clip for safety modules	1.003
	Reverse-pull headgear, Tübinger model	1.000, 1.001, 1.002, 4.100, suede
	Delaire face mask	1.003, 4.100, suede
	Noninium® facebow, medium	1.006, 4.001
	Standard facebow, with stop loops	1.000, 1.003, 4.001
	Standard facebow, with stop loops, with canine hook	1.000, 1.001, 1.003, 4.001
	Chin cap, elastic	4.009, polyester, 1.003
	Chin cap, rigid, with short hooks	1.002, 1.003, 4.001, 4.100
	Chin cap, rigid, with long hooks	1.003, 4.100, suede
	Chin cap for Tübinger model	4.100, suede
	Chin cap liner	4.009, polyester
	Chin cap liner, Delaire	Suede
	J-hooks for Hickham headgear	1.011, 1.013
	Dentalastics® extra-oral plastic chain	4.009**
	Elastics, extra-oral, latex	4.201**
	Lip bumper	1.000, 1.001, 3.006, 4.003
	Stop tubes	1.000
	Stop screws	1.002
	Activator tubes	1.000, 1.001
	Elastic Placers	4.006
	Elastics, intra-oral, latex	4.201**
	Elastics, intra-oral, non-latex	Thermoplastic acrylic**
	Elastic ligature	4.009
	Elasto-Force ligature thread	4.009**
	Dentalastics® rotation wedge / plastic ligatures / separators / Personal ligatures	4.009
	Elasto-Force, SUPER Elasto-Force plastic chains	4.009
	Oral screen Ulmer Modell	4.009
	FaceFormer ONE blue with hygiene box	4.203
	OrthoSafe mouthguard	4.101
tomas® anchorage system	tomas®-pin	3.102
	tomas®-abutment universal	1.005
	tomas®-abutment tube	1.000, 1.005
	tomas®-RPE eyelet	1.000
	tomas®-abutment wire	1.000, 1.005, 3.000
	tomas®-abutment median	1.000, 1.005, 3.000
	tomas®-abutment plain	1.000, 1.005
	tomas®-abutment EP	1.000
	tomas®-compression spring	3.200
	tomas®-coil spring	3.200 + 1.013
	tomas®-uprighting spring	1.000, 1.003, 3.200
	tomas®-stop screw	1.000, 1.002
	tomas®-slotted stops	1.013
	tomas®-hook / tomas®-T-wire	1.003
	tomas®-cross tube	1.000
	tomas®-power arm	1.003, 1.005

Materials list

Product groups	Product	Identification no.*
tomas® anchorage system	tomas®-crimp hook	1.005
	tomas®-aligner hook	1.005
	tomas® PI 4.0	3.102
	tomas® PI-abutment multiple	1.000
	tomas® PI-abutment screw	3.102
	tomas® PI-abutment plain	1.000
	tomas® PI-abutment plain set with wire	1.000, 3.000, 3.102
	tomas® PI-straight wire with notch	3.000
Distalization appliance – amda®	amda® telescope	1.000, 1.002, 1.003
	amda® connector	1.003
	amda® palatal arch	1.000
Expansion screws	Standard expansion screws	1.002, 1.003, 4.006
	rematitan® expansion screw Medium	3.101, 3.102, 4.006
	Trapezoidal expansion screw, sectional screw Medium	1.002, 1.003, 4.006
	Sectional screw Mini, retraction screw	1.002, 1.003
	Neo-Bertoni	1.002, 1.003, 1.005, 4.006
	Three dimensional screw acc. to Bertoni / acc. to Steiner	1.002, 1.003
	Fan-type expansion screw	1.000, 1.002
	Mandibular bow screw acc. to Müller	1.002, 1.003, 4.006
	Neo-bite jumping appliance acc. to F.M. Sander	1.002, 1.003, 1.019, 4.006
	Guide ridge for flexible forward thrust double plate system acc. to Schaneng	1.002, 1.003, 1.015
	Expansion screw for split activator	1.002, 1.003
	Expansion screw for progenia activator acc. to Weise	1.002
	Piston spring screw	1.002, 1.003
	Serrated housing nut	1.002
	Variety / Variety SP / Variety click / Variety click SP expansion screw	1.000, 1.002, 1.003
	Titan hyrax® Maxi expansion screw	3.102, 3.104
	rematitan® straight wire, round	3.100
	hyrax® / hyrax® click / hyrax® neo expansion screw	1.000, 1.002, 1.003
	Arrow to indicate the opening direction	4.006
	Expansion screw key, standard	1.003
	Expansion screw key, large	1.002 + 1.003
	Safety key for hyrax® / Variety screw	1.003, 4.100

* **Note:** If several materials are listed, this means that the product consists of all these materials.
** Also contains traces of other elements. Please ask if you have any queries.

Materials list

1. Stainless steel

Composition in weight %

Identi-fication No.	Material		C	Si	Mn	Cr	Mo	Ni	P	S	Other	Fe
	Designation	Number (DIN, AISI)*										
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0–19.5	–	8.0–10.5	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.001	Stainless steel	1.4303	≤ 0.06	≤ 1.0	≤ 2.0	17.0–19.0	–	11.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.002	Stainless steel	1.4305	≤ 0.10	≤ 1.0	≤ 2.0	17.0–19.0	–	8.0–10.0	≤ 0.045	0.15–0.35	N ≤ 0.11/ Cu ≤ 1.0	Residue
1.003	Stainless steel (dentaflex®, remanium®)	1.4310	0.05–0.15	≤ 2.0	≤ 2.0	16.0–19.0	≤ 0.8	6.0–9.5	≤ 0.045	≤ 0.015	N ≤ 0.11	Residue
1.004	Stainless steel	1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5–18.5	2.0–2.5	10.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.005	Stainless steel (remanium®)	1.4404	≤ 0.03	≤ 1.0	≤ 2.0	16.5–18.5	2.0–2.5	10.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.006	Stainless steel (Noninium®)	1.4456	≤ 0.1	≤ 1.0	16.0–20.0	16.0–20.0	1.8–2.5	< 0.2	≤ 0.05	≤ 0.05	V ≤ 0.2 N 0.7–1.0	Residue
1.007	Stainless steel	1.4460	≤ 0.05	≤ 1.0	≤ 2.0	25.0–28.0	1.3–2.0	4.5–6.5	≤ 0.035	≤ 0.3	N 0.05–0.20	Residue
1.008	Stainless steel	1.4541	≤ 0.08	≤ 1.0	≤ 2.0	17.0–19.0	–	9.0–12.0	≤ 0.045	≤ 0.3	Ti 5 x C to 0.7	Residue
1.009	Stainless steel	1.4542	≤ 0.07	≤ 0.7	≤ 1.5	15.0–17.0	≤ 0.6	3.0–5.0	≤ 0.040	≤ 0.03	Cu 3.0–5.0 Nb 5 x C to 0.45	Residue
1.010	Stainless steel	1.4435	≤ 0.03	≤ 1.0	≤ 2.0	17.0–19.0	2.5–3.0	12.5–15.0	≤ 0.045	≤ 0.025	N ≤ 0.11	Residue
1.011	Stainless steel (dentaflex®)	AISI 302	≤ 0.15	≤ 1.0	≤ 2.0	17.0–19.0	–	8.0–10.0	≤ 0.045	≤ 0.03	–	Residue
1.012	Stainless steel (dentaflex®)	AISI 302 B	≤ 0.15	2.0–3.0	≤ 2.0	17.0–19.0	–	8.0–10.0	≤ 0.045	≤ 0.03	–	Residue
1.013	Stainless steel (dentaflex®, remanium®)	AISI 304	≤ 0.08	≤ 1.0	≤ 2.0	18.0–20.0	–	8.0–10.5	≤ 0.045	≤ 0.03	–	Residue
1.014	Stainless steel (Noninium®)	1.3808	0.15–0.25	0.2–0.6	9.5–12.5	16.5–18.0	2.7–3.7	< 0.05	0.02	0.01	Cu 0.25 N 0.45–0.55	Residue
1.015	Stainless steel	1.4568	≤ 0.03	≤ 0.70	≤ 1.0	16.0–18.0	–	6.5–7.8	≤ 0.04	≤ 0.015	Al 0.70–1.50	Residue
1.016	Stainless steel	1.4197	0.20–0.26	≤ 1.0	≤ 2.0	12.5–14.0	1.1–1.5	0.75–1.50	≤ 0.04	0.15–0.35	–	Residue
1.017	Stainless steel	1.4034	0.43–0.50	≤ 1.0	≤ 1.0	12.5–14.5	–	–	≤ 0.04	≤ 0.03	–	Residue
1.018	Stainless steel	1.4571	≤ 0.08	≤ 1.0	≤ 2.0	16.5–18.5	2.0–2.5	10.5–13.5	≤ 0.045	≤ 0.03	Ti 5 x C to 0.7	Residue
1.019	Stainless steel	1.4501	≤ 0.030	≤ 1.0	≤ 1.0	24.0–26.0	3.0–4.0	6.0–8.0	≤ 0.035	≤ 0.015	N 0.20–0.30 Cu 0.50–1.00 W 0.50–1.00	Residue

***Note:** Stainless steel with foreign standards which correspond to the DIN material numbers are also acceptable.

2. Copper and precious metal alloys

Composition in weight %

Identification No.	Material		Ag	Cu	Ni	Pb	Zn	Fe	Mn	Sn	Sb	Al	Others
	Designation	Number (DIN)*											
2.000	Argentan	2.0770	–	45–48	9–11	0.5–2.0	38–45	≤ 0.05	≤ 0.5	≤ 0.3	–	–	≤ 0.1
2.001	Argentan	2.0780	–	56–58	11–13	0.3–1.5	26–33	≤ 0.05	≤ 0.5	≤ 0.3	–	–	≤ 0.1
2.002	Argentan	2.0790	–	59–63	17–19	0.3–1.5	Residue	≤ 0.03	≤ 0.7	–	–	–	≤ 0.4
2.100	Brass	2.0321	–	62.0–65.5	< 0.3	≤ 0.1	Residue	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	–	–
2.101	Brass	2.0360	–	59.0–62.0	< 0.3	≤ 0.1	Residue	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	–	–
2.200	Silver solder	2.5153 L-Ag75	74–76	Residue	–	≤ 0.02	2.0–4.0	–	–	–	–	≤ 0.005	≤ 0.1
2.201	Silver solder	2.5147 L-Ag44	43–45	29–31	–	≤ 0.02	Residue	–	–	–	–	≤ 0.005	≤ 0.1
2.202	Silver solder	2.5159 L-Ag55Sn	54–57	21–23	–	≤ 0.02	Residue	–	–	2.0–5.0	–	≤ 0.005	≤ 0.1
2.203	Silver solder	2.5151 L-Ag72	71–73	Residue	–	≤ 0.02	–	–	–	–	–	≤ 0.005	≤ 0.1
2.204	Silver solder	–	43–46	18–22	–	–	6–10	–	–	2.0–6.0	–	–	≤ 0.3
2.205	Silver solder	–	57–61	15–18	–	–	Residue	–	–	–	–	–	≤ 0.3
2.300	Gold solder	–	38.5–39.5	Residue	–	–	–	–	–	–	–	–	Au 33.0
2.301	Au-Pt alloy	–	16–17	8–10	–	–	–	–	–	–	–	–	Au 60–62 Pt 13–14

Note: The materials listed in tables 1– 4 enable easy identification of chemical compositions.
Not all of the listed materials are used by Dentaurum. You can find the most recent materials list at www.dentaurum.com

Materials list

3. Non-precious metal alloys

Composition in weight %

Identification No.	Material		Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
	Designation	Number (DIN)*																
3.000	CoCr alloy	–	19–23	4–6	≤ 1.0	18–22	3–5	3–5	0.1–2.0	≤ 0.5	≤ 0.03	Residue	–	≤ 0.1	–	–	–	–
3.002	CoCr alloy	–	–	27–31	≤ 1.0	28–32	4–6	–	–	≤ 0.1	≤ 0.35	31–35	–	–	–	–	–	–
3.003	CoCr alloy	–	< 1.0	–	≤ 0.3	28–32	4–6	–	–	≤ 1.0	≤ 1.0	Residue	–	–	–	–	≤ 0.3	–
3.004	CoCr alloy (topic, Ortho-Cast NF)	–	< 0.1	–	≤ 1.0	26–30	–	8–10	–	0.5–2.5	–	Residue	–	–	–	–	≤ 1.0	Nb < 1.0
3.005	CoCr alloy	–	15–16	Residue	1.5–2.0	19–21	6.5–7.5	–	–	≤ 1.2	≤ 0.15	39–41	–	≤ 0.015	–	–	–	P ≤ 0.015 Be ≤ 0.001
3.006	CoCr alloy (remaloy®)	–	Residue	5.29	0.75	18.55	3.85	3.86	0.94	0.34	0.003	45.15	–	–	–	–	–	–
3.100	Titanium grade 1	3.7025	–	≤ 0.15	–	–	–	–	Residue	–	≤ 0.06	–	–	–	≤ 0.12	≤ 0.013	≤ 0.05	–
3.101	Titanium grade 4	3.7065	–	≤ 0.3	–	–	–	–	Residue	–	≤ 0.06	–	–	–	≤ 0.35	≤ 0.013	≤ 0.05	–
3.102	TiAl6V4 Titanium grade 5	3.7165	–	≤ 0.3	–	–	–	–	Residue	–	≤ 0.08	–	5.5–6.75	–	≤ 0.2	≤ 0.025	≤ 0.05	V 3.5–4.5
3.103	TiMo alloy (rematitan® SPECIAL)	–	–	–	–	–	11.5	–	78	–	–	–	–	–	–	–	–	Zr ≤ 6 Sn ≤ 4.5
3.104	Titanium grade 2 (equilibrium® ti, Titan hyrax®)	3.7035	–	≤ 0.2	–	–	–	–	Residue	–	≤ 0.06	–	–	–	≤ 0.18	≤ 0.013	≤ 0.05	–
3.200	NiTi alloy (Equire)	–	50–60	≤ 0.5	–	–	–	–	Residue	–	≤ 0.1	–	≤ 0.1	–	≤ 0.1	≤ 0.01	≤ 0.01	–
3.201	NiTiCu alloy	–	50–60	≤ 0.5	–	–	–	–	Residue	–	≤ 0.1	–	≤ 0.1	–	≤ 0.1	≤ 0.017	≤ 0.01	Cu < 1.0
3.202	NiTi alloy (rematitan® LITE)	–	54.5–57	< 0.005	–	< 0.005	–	–	Residue	–	< 0.0029	< 0.005	–	–	<0.05	<0.005	<0.002	Cu < 0.005 Nb < 0.005
3.203	NiTi alloy (Tensic®)	–	35–60	0–6	–	–	–	–	20–50	–	–	–	–	–	–	–	–	Cu 0–15 Hf 0–40 V 0–10 Nb 0–20 B 0–1
3.300	NiCoCrMo alloy	MP35N®	33–37	≤ 1	≤ 0.15	19–21	9–10.5	–	≤ 1	≤ 0.15	≤ 0.025	Residue	–	≤ 0.01	–	–	–	P ≤ 0.015 B ≤ 0.015

4. Plastics

Identification No.	Material	
	Designation	Symbol (DIN)*
4.000	Epoxide	EP
4.001	Polyamide	PA
4.002	Polycarbonate	PC
4.003	High-density polyethylene	PE-HD
4.004	Low-density polyethylene	PE-LD
4.005	Polymethylmethacrylate	PMMA
4.006	Polypropylene	PP
4.007	Polystyrene	PS
4.008	Polytetrafluorethylene	PTFE
4.009	Polyurethane	PUR
4.010	Polyvinylchloride	PVC
4.011	Polyvinylsiloxane	
4.100	Acrylonitrile butadiene styrene	ABS
4.101	Ethylene / vinyl acetate	EVA
4.102	Polyethylene terephthalate G Copolyester	PETG
4.200	Synthetic isoprene rubber	IR
4.201	Natural rubber	NR
4.202	Silicone rubber	Q
4.203	Silicone	SI

5. Ceramic materials

Composition in weight %

Identification No.	Material					
	Designation	Number (DIN)*	Al_2O_3	ZnO	MgO	Other
5.000	Aluminum oxide	–	99.99	–	–	≤ 0.01
5.001	Band cement	–	–	80–86	6–10	≤ 10

Alloy elements

Ag	silver	**O**	oxygen
Al	aluminum	**P**	phosphorus
Au	gold	**Pb**	lead
Be	beryllium	**Pt**	platinum
C	carbon	**Rh**	rhodium
Cr	chromium	**S**	sulphur
Cu	copper	**Sb**	antimony
Co	cobalt	**Si**	silicon
Fe	iron	**Sn**	tin
H	hydrogen	**Ti**	titanium
Mn	manganese	**V**	vanadium
Mo	molybdenum	**W**	tungsten
N	nitrogen	**Zn**	zinc
Nb	niobium	**Zr**	zirconia
Ni	nickel		

Note: The materials listed in tables 1– 4 enable easy identification of chemical compositions.
Not all of the listed materials are used by Dentaurum. You can find the most recent materials list at www.dentaurum.com

Conversion charts

Note:
ø round
⍁ rectangular

In addition to the metric measurements provided, the wires, brackets and buccal tubes are also available with an additional description in inches (DIN EN ISO 15841) e.g. 17 x 25 = .017" x .025"

1 mm	= 0.0394 inch
1 cm	= 10 mm = 0.3937 inch
1 m	= 1000 mm = 1.0936 yards
1 km	= 0.6214 miles
1 inch	= 25.40 mm
1 foot	= 12 inches = 30.48 cm
1 yard	= 3 feet = 91.44 cm
1 mile	= 1760 yards = 1.6093 km

1 mg	= 0.0154 grain
1 g	= 1000 mg = 0.0353 oz
1 kg	= 1000 g = 2.2046 lb
1 ounce	= 28.35 g
1 pound	= 16 ounces = 0.4536 kg

1 MPa	= 1 N/mm²
1 N/mm²	= 145.14 p. s. i.
1 p. s. i.	= 0.00689 N/mm²

1 l	= 1000 ml = 2.11 pints
	= 1.06 quarts = 0.26 gallons

FDI System

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
R	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8 L
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
	48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38

mm ø	x10⁻³ inch	steel wire 1 kg	mm ø	x10⁻³ inch	steel wire 1 kg
0.10	4	16120 m*	0.60	24	448 m*
0.15	6	7150 m*	0.70	28	329 m*
0.20	8	4030 m*	0.80	32	251 m*
0.22	9	3335 m*	0.90	36	198 m*
0.25	10	2590 m*	1.00	40	161 m*
0.28	11	2055 m*	1.10	44	133 m*
0.30	12	1793 m*	1.20	48	112 m*
0.35	14	1315 m*	1.30	51	95 m*
0.40	16	1010 m*	1.40	55	82 m*
0.45	18	795 m*	1.50	59	71 m*
0.50	20	645 m*			

*We accept no responsibility for the accuracy of this information

inch		mm
1/64	0.0156	0.397
1/32	0.0312	0.794
1/16	0.0625	1.588
1/8	0.1250	3.175
3/16	0.1875	4.763
1/4	0.2500	6.350
5/16	0.3125	7.938
3/8	0.3750	9.525
1/2	0.5000	12.700
5/8	0.6250	15.875
3/4	0.7500	19.050
1	1.0000	25.400

°C	°F	°C	°F
-40	-40	110	230
-30	-22	120	248
-20	-4	130	266
-10	+14	140	284
0	+32	150	302
10	50	200	392
20	68	300	572
30	86	400	752
40	104	500	932
50	122	600	1112
60	140	700	1292
70	158	800	1472
80	176	900	1652
90	194	1000	1832
100	212	2000	3632

System International (Si)		
Basic size	Basic unit	Symbol
Length	meter	m
Mass	kilogram	kg
Time	second	s
Electric current	ampere	A
Thermodynamic temperature	kelvin	K
Luminous intensity	candela	cd
Amount of substance	mole	mol

1 at	= 0.981 bar = 0.981 x 10^5 Pascal (Pa)
1 kp	= 9.81 Newton (N)
1 PS	= 0.746 kW
0 °C	= 273 Kelvin (K)

mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
0.0254	0.001	0.4318	0.017	0.8382	0.033	1.2192	0.048	1.6256	0.064
0.0508	0.002	0.4572	0.018	0.8636	0.034	1.2446	0.049	1.6510	0.065
0.0762	0.003	0.4826	0.019	0.8890	0.035	1.2700	0.050	1.6764	0.066
0.1016	0.004	0.5080	0.020	0.9144	0.036	1.2954	0.051	1.7018	0.067
0.1270	0.005	0.5334	0.021	0.9398	0.037	1.3208	0.052	1.7272	0.068
0.1524	0.006	0.5588	0.022	0.9652	0.038	1.3462	0.053	1.7526	0.069
0.1778	0.007	0.5842	0.023	0.9906	0.039	1.3716	0.054	1.7780	0.070
0.2032	0.008	0.6069	0.024	1.0000	0.0394	1.3970	0.055	1.8034	0.071
0.2286	0.009	0.6350	0.025	1.0160	0.040	1.4224	0.056	1.8288	0.072
0.2540	0.010	0.6604	0.026	1.0414	0.041	1.4478	0.057	1.8542	0.073
0.2794	0.011	0.6858	0.027	1.0668	0.042	1.4732	0.058	1.8796	0.074
0.3048	0.012	0.7112	0.028	1.0922	0.043	1.4986	0.059	1.9050	0.075
0.3302	0.013	0.7366	0.029	1.1176	0.044	1.5240	0.060	1.9304	0.076
0.3556	0.014	0.7620	0.030	1.1430	0.045	1.5494	0.061	1.9558	0.077
0.3810	0.015	0.7874	0.031	1.1634	0.046	1.5748	0.062	1.9812	0.078
0.4064	0.016	0.8128	0.032	1.1938	0.047	1.6002	0.063	2.0000	0.0787

Environment and sustainability.

Dentaurum has implemented an environmental management system for over 25 years, making it one of the first in the dental world.

Resources are finite. In a world in which production output and consumer demands are ever increasing, companies bear responsibility for a conscious and sustainable management of our environment. To leave a habitable planet behind for future generations, habits and production techniques need to change to create an economic society that is beneficial to natural resources instead of merely consuming them. Dentaurum has been certified acc. to DIN EN ISO 14001 and EMAS for many years and is very aware of this responsibility. In all production and business processes, focus is placed on conserving resources, reducing the burden on the environment as well as sourcing raw materials in an ethically correct manner, and this has been followed since 1989.

You can find the measures we have taken to protect the environment clearly listed on our home page under Environmental protection at Dentaurum.

Or you can scan the QR code.

The timeline gives you an overview of our measures and the opportunity to learn more about the areas that interest you most.




Umwelterklärung 2022
In Harmonie mit der Natur leben und wirtschaften.
Dentaurum | Standort Ispringen
DENTAURUM
DENTAURUM

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