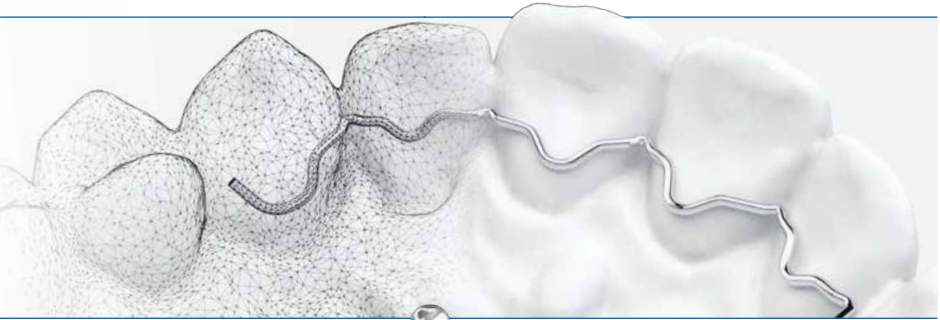


Orthodontics Catalog



Edition 22

Orthodontics Catalog

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

*"I am more interested
in the future than in
the past, because the
future is where I
intend to live."*

Albert Einstein

Customer number

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

Dear Customer,

We are proud of the fact that we have been writing dental history for more than 130 years. The secret to our success is our proximity to the market – the close contact with our customers and our willingness to encourage innovations.

We invest consistently in new technologies and are permanently optimizing our development and manufacturing methods in order to conserve valuable resources and to achieve a sustainable future.

From 2018, our customers have the possibility of ordering **discovery® smart** brackets in blister packaging. This ensures they receive a product that is hygienically packed, easy to handle and pleasing to the eye. Following an extensive cleaning process consisting of up to seven steps, the brackets are packed and sealed by robots in a fully-automated process. We aim in the next few years to offer worldwide all of the Dentaaurum brackets in this new, hygienic packaging.

We follow the trends in the digitization of treatment processes and can already offer modern software solutions and individual services: our new app for smartphones and tablets, **Build-a-Brace**, has made patient consultation in the practice digital and more modern. Patients can design their own dental braces using **Orthocryl®** colors, glitter and decals. The design can then be sent directly to the dental laboratory for fabrication.


We have created an innovative order platform for the products of tomorrow with **Dentaaurum Digital**. Products and services tailored to the customers' requirements will be available in future under this new umbrella brand. As a first step, customers can order **printed base models and dental arch models** for orthodontics as well as **3D retainers** – these are milled from titanium grade 5 using a three-dimensional design.

Our aim for the future is to continue along the path of digitization together with you, to embrace the changes this will bring and to be open for new innovative ideas.

Best regards from Ispringen,



Mark Stephen Pace
CEO Dentaaurum



Axel Winkelstroeter
CEO Dentaaurum

Dentaurum

Germany | Benelux | España | France | Italia | Switzerland | Australia | Canada | 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 130 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.





Orthodontics

Implantology

Prosthetics

Ceramics

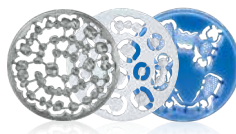


Photo © Christian Frenz®

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 Dentaureum's strengths. No other dental company has such an extensive range of products offering a total of more than 8,500 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.
-
- shop.dentaurum.de ➤ Germany and Austria
 - shop.dentaurum.ch ➤ Switzerland
 - shop.dentaurum.be ➤ Benelux
 - shop.dentaurum.es ➤ Spain
 - shop.dentaurum.fr ➤ France
 - shop.dentaurum.it ➤ Italy
 - shop.dentaurum.us ➤ USA

Dentaurum Digital.

Innovative order platform for the products of tomorrow.



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:

- Model printing: Base models and dental arch models for orthodontics.
- Retainer 3D: Unique fit using a three-dimensional construction design.

Your advantages:

- Easy, intuitive ordering for all digital products.
- Easy file upload.
- Display of current order status.
- Filing of all open and closed orders.
- Online order-related communication with experienced support employees via the order platform.

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

Your direct contact.

We are happy to be of service.



D
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Fax	+1-800-553-6389
Email	info@dentaurum-us.com



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Digital orthodontics.



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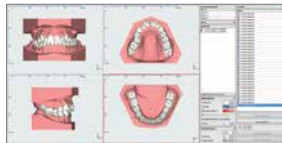




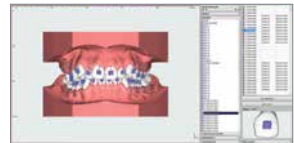
Dental imaging software.

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 50 countries around the world – with an impressive list of successes.

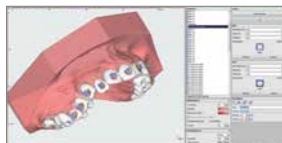
Treatment planning and areas of application:



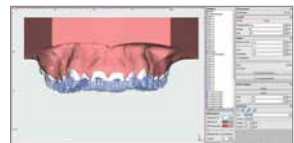
Module Digitize 3D



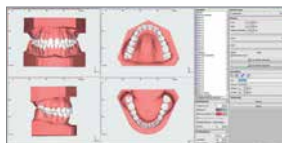
Module FA_Bonding 3D



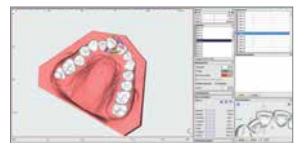
Module Kylix 3D



Module Bonding Trays 3D



Module Retainer 3D



Module Aligner 3D

OnyxCeph^{3TM} – Program versions and optional modules for the ideal combination with orthoX[®].

	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	□	□
Wafer Creation 3D	□	□
3D Export (STL,OBJ, ZPR, etc.)		■
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





passion and precision.



Orthodontic aligner therapy
from Dentaaurum.

2 splint system:

Innovative splint concept for the best
treatment results.

» Effective | Precise | Aesthetic | Competent





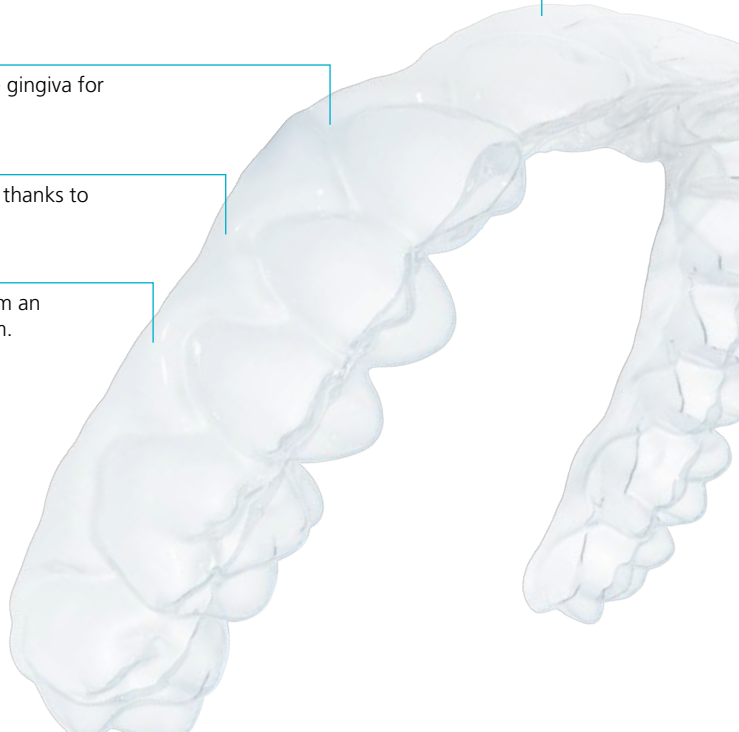
Advantages:

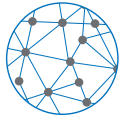
” Digital case planning with OnyxCeph³™.

” Aligner covers part of the gingiva for better transfer of forces.

” Aligner is almost invisible thanks to transparent material.

” Personal consultation from an experienced support team.



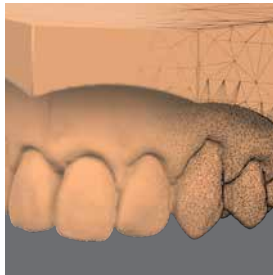


DENTAURUM
DIGITAL

Innovative order platform and a strong partner
for the products of tomorrow.

Model printing.

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.





Retainer 3D offers many advantages.

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 Retainer 3D highly suitable for patients with a nickel allergy.

Once the design has been approved, the retainer is milled from a titanium blank on a one-to-one basis. 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}

 **OnyxCeph^{3TM}**

NEW

OnyxCeph^{3TM} Basic (purchase license)

Software for archiving and patient consultation incl.
5 network working stations for simultaneous operation.

REF 410-001-00	1 piece
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

OnyxCeph^{3TM} 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
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

OnyxCeph^{3TM} 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
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

OnyxCeph^{3TM} 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
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

Additional server license

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

REF 410-000-01	1 piece
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

Additional standalone license

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

REF 410-000-02	1 piece
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

Additional site license

Additional site license in network.

REF 410-000-03	1 piece
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

User administration program

Permission settings depending on user login.

REF 410-000-04	1 piece
----------------	---------

€ 0494

 **OnyxCeph^{3TM}**

NEW

Statistics program

Statistical evaluation of findings.

REF 410-000-05	1 piece
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€ 0494

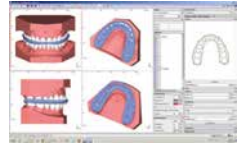
Module Waefer Creation

Creation of surgical splints.

REF 410-000-06

1 piece

CE 0494



NEW

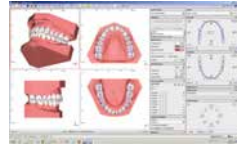
Module V.T.O.3D (Virtual Treatment Objective)

Creation of virtual set ups.

REF 410-000-07

1 piece

CE 0494



NEW

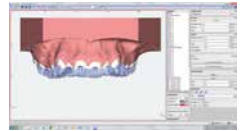
Module Bonding Trays 3D

Construction of bracket transfer trays.

REF 410-000-11

1 piece

CE 0494



NEW

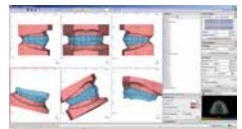
Module Bite Splint 3D

Construction of occlusal splints, anti-snoring splints, sports guards and other splints.

REF 410-000-13

1 piece

CE 0494



NEW

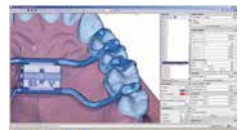
Module Ortho Apps 3D

Construction of RPE appliances, lingual arch appliances, Herbst appliances and others.

REF 410-000-14

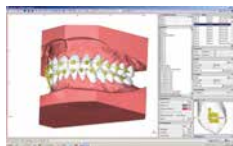
1 piece

CE 0494



NEW

OnyxCeph^{3TM}



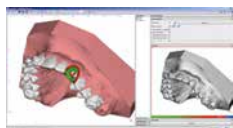
Module Wire_Bonding

Positioning of wires/brackets on set-up.

REF 410-000-08	1 piece
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CE 0494

NEW



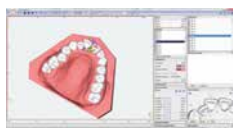
Module Bracket Erase 3D

Erase virtual bracket.

REF 410-000-12	1 piece
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CE 0494

NEW



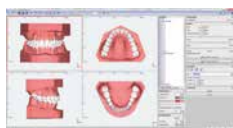
Module Aligner 3D

Planning of aligners.

REF 410-000-09	1 piece
----------------	---------

CE 0494

NEW



Module Retainer 3D

Planning of retainers.

REF 410-000-10	1 piece
----------------	---------

CE 0494

NEW

D.D base model

Printed base models for orthodontics.

REF 430-110-10

1 piece



NEW

D.D dental arch model

Printed dental arch models for orthodontics.

REF 430-110-30

1 piece



NEW

3D separating medium

Forms a separating layer between the acrylic models and Orthocryl®/Orthocryl® LC.

Color	REF	Quantity
green	162-801-00	100 ml



NEW

D.D retainer 3D maxilla

Unique fit using three-dimensional construction design and highest biocompatibility: milled retainer in titanium grade 5.

REF 430-120-10

1 piece

CE 0483



NEW

D.D retainer 3D mandible

Unique fit using three-dimensional construction design and highest biocompatibility: milled retainer in titanium grade 5.

REF 430-120-20

1 piece

CE 0483

Product may differ slightly from illustration



NEW

Order now:
digital.dentaurum.de



Download data sets for digital orthodontics



[Download now](#)

Lingual brackets	Page	38
Lingual tubes	Page	40
Arches	Page	41
Instruments	Page	42
Accessories	Page	44
Patient consultation material	Page	45



Lingual system.

Surprisingly different.



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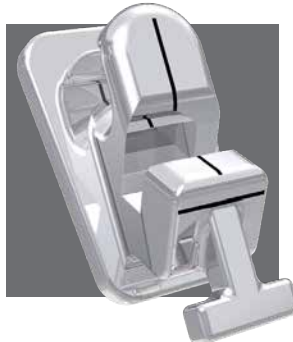


Incredibly effective.

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 Demichieri, 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 system

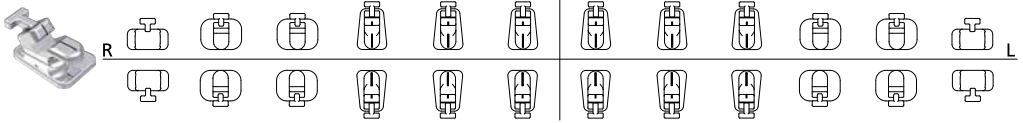
Lingual brackets / Assortments

discovery® delight

Slot: 0.51 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

CE 0483



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

Teeth	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



€ 0483

Slot: 0.51 x 0.51 mm / 20 x 20

discovery® delight posterior bracket, open

with vertical hook

Teeth	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



€ 0483

Slot: 0.51 x 0.51 mm / 20 x 20

discovery® delight posterior bracket, closed

non-convertible · with vertical hook

Teeth	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



€ 0483

Slot: 0.51 x 0.51 mm / 20 x 20



Lingual tubes



discovery® delight molar tube / Bonding technique

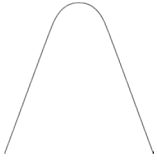
non-convertible · with vertical hook

Teeth	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

CE 0483

Slot: 0.51 x 0.51 mm / 20 x 20

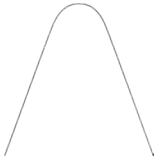
Nickel titanium

**rematitan® LITE lingual arch, round**

Strength category: super elastic

∅	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

CE 0483

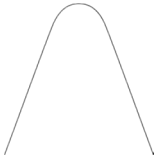
**rematitan® LITE lingual arch, rectangular**

Strength category: super elastic

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

CE 0483

Stainless steel (Nickel chromium)

**remanium® lingual arch, round**Strength category: spring hard · 1800–2000 N/mm²

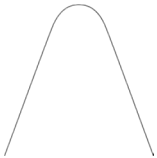
∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			766-767-00	10 pieces
0.45 mm / 18			766-768-00	10 pieces

CE 0483

**remanium® lingual arch, rectangular**Strength category: spring hard · 1800–2000 N/mm²

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

CE 0483

**dentaflex® lingual arch, round, 6-strand twisted**Strength category: super spring hard · 2500–2700 N/mm²

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

CE 0483

Lingual system

Instruments



Lingual bending pliers

sterilizable

For bending steps and compensation bends in archwires for the lingual technique.

Steps: 1.5; 2.0; 2.5 and 3.0 mm

Max. wire thickness: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-001-00

1 piece

CE



Mosquito forceps, curved

sterilizable

For placing and ligating Dentalastics® plastic ligatures, especially for the lingual technique.

REF 000-732-00

1 piece

CE



Crimping tweezers

sterilizable

Delicate tweezer design for easy bracket and buccal tube placement.

REF 025-280-00

1 piece

CE



Positioning tool, lingual

sterilizable

REF 023-278-00

1 piece

CE

**Distal end cutter, lingual
sterilizable**Max. wire thickness: \square 0.41 x 0.56 mm / 16 x 22

REF 003-703-00

1 piece

CE

**Ligature cutter, lingual
sterilizable**Max. wire thickness: \emptyset 0.35 mm / 14

REF 014-153-00

1 piece

CE

**Dental mirror with reference lines
(assembled), lingual
sterilizable**

REF 023-279-00

1 piece

CE

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

REF 023-279-10

1 piece

CE

**Bracket removing pliers, angled
sterilizable**

For easy removal of lingual brackets and brackets in the posterior region. With hard metal insert. Repair service available.

Premium-Line · 10 year guarantee

REF 004-347-00

1 piece

CE



Accessories



SUPER Elasto-Force plastic chains

Consistent tensile force over a long period of time. Very high elasticity with excellent elastic recovery. Especially flat ring shape, ideal for the lingual technique and for multiple ligatures. Extremely tear-resistant.

Color	Inner ø	Length	Connector	REF	Quantity
transparent	1.3 mm	3.5 m	•	774-210-00	1 roll
transparent	1.3 mm	3.5 m		774-211-00	1 roll

CE 0483



LinguSil

(Polyvinylsiloxane)

Transfer matrix for brackets (indirect bonding).

Contents:

1 x 50 ml cartridge

6 x mixing nozzles

Product qualities:

- application time approx. 45 seconds
- shore A hardness 72
- especially suited for the light curing technique
- to produce transparent trays for the lingual and buccal transfer of brackets
- two-component silicone (Polyvinylsiloxane) in a cartridge
- high elasticity, yet a form-stable material
- high tear resistance
- easy to cut (single tooth trays)
- can be used for the lingual technique as well as for prosthetics and implantology

Color: transparent

REF 164-000-00

1 set

CE



LinguSil injector

Mixing cartridge for LinguSil.

Cartridge connection: DS 50

REF 164-001-00

1 piece

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



dynamique® c / Assortments

Roth 22	Page	50
McLaughlin-Bennett-Trevisi* 22	Page	50

dynamique® m / Assortments

Roth 22	Page	51
McLaughlin-Bennett-Trevisi* 22	Page	51

discovery® sl / Assortments

Roth 18/22	Page	52
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discovery® sl 2.0 / Assortment

McLaughlin-Bennett-Trevisi* 22	Page	53
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Instruments	Page	54
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Patient consultation material	Page	55
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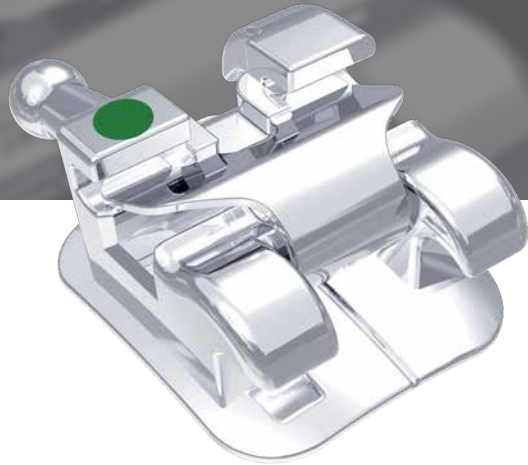


FDI System

	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
	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.



DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com



dinamique[®] c

dinamique[®] m

discovery[®] sl

discovery[®] sl 2.0

Orthodontic treatment at a high standard.

The self-ligating bracket systems *dinamique[®]* and *discovery[®] sl* from Dentaaurum have much to offer: for the patient, the brackets offer perfect aesthetics 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.

The self-ligating brackets *dinamique[®] c* in ceramic and *dinamique[®] m* (with FDI notation) in metal combine optimum aesthetics with the proven functionality of the clip which reduces time in the chair. They impress both patients and orthodontists and fulfill all of the requirements expected of a modern bracket system.

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.

dinamique® c

Self-ligating brackets in ceramic.



dinamique® m

Self-ligating brackets in metal.



discovery® sl

One of the smallest sl-brackets in the world.



discovery® sl 2.0

Proven design for your success.



Self-ligating brackets

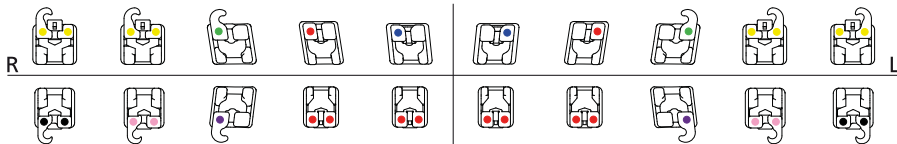
dinamique® c / Assortments

Roth 22

Slot: 0.56 x 0.64 mm / 22 x 25 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

Torque	- 7°	- 7°	- 2°	+ 8°	+ 11°	+ 11°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 9°	+ 5°	+ 5°	+ 9°	+ 8°	0°	0°
In/Out	0.8 mm	0.8 mm	0.9 mm	1.2 mm	1.0 mm	1.0 mm	1.2 mm	0.9 mm	0.8 mm	0.8 mm
Width	3.2 mm	3.2 mm	3.5 mm	2.9 mm	3.2 mm	3.2 mm	2.9 mm	3.5 mm	3.2 mm	3.2 mm
REF	700-509-01	700-507-01	700-505-01	700-503-01	700-501-01	700-502-01	700-504-01	700-506-01	700-508-01	700-510-01
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

CE 0483



Torque	- 17°	- 17°	- 11°	0°	0°	0°	0°	- 11°	- 17°	- 17°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.8 mm	0.8 mm	0.8 mm	1.1 mm	1.1 mm	1.1 mm	1.1 mm	0.8 mm	0.8 mm	0.8 mm
Width	3.2 mm	3.2 mm	3.5 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	3.5 mm	3.2 mm	3.2 mm
REF	700-519-01	700-517-01	700-515-01	700-513-01	700-511-01	700-512-01	700-514-01	700-516-01	700-518-01	700-520-01
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Assortments:

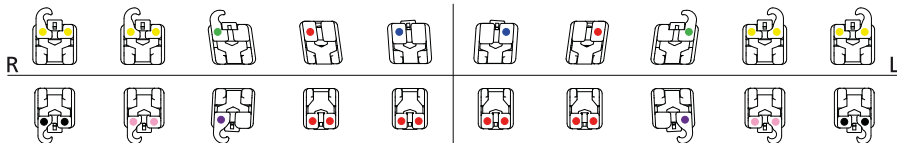
1 case	20 brackets	REF 700-550-00
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McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 x 0.64 mm / 22 x 25 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	0.8 mm	0.8 mm	0.9 mm	1.2 mm	1.0 mm	1.0 mm	1.2 mm	0.9 mm	0.8 mm	0.8 mm
Width	3.2 mm	3.2 mm	3.5 mm	2.9 mm	3.2 mm	3.2 mm	2.9 mm	3.5 mm	3.2 mm	3.2 mm
REF	700-539-01	700-537-01	700-535-01	700-533-01	700-531-01	700-532-01	700-534-01	700-536-01	700-538-01	700-530-01
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

CE 0483



Torque	- 12°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 12°
Angulation	0°	0°	+ 3°	0°	0°	0°	0°	+ 3°	0°	0°
In/Out	0.8 mm	0.8 mm	0.8 mm	1.1 mm	1.1 mm	1.1 mm	1.1 mm	0.8 mm	0.8 mm	0.8 mm
Width	3.2 mm	3.2 mm	3.5 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	3.5 mm	3.2 mm	3.2 mm
REF	700-539-01	700-537-01	700-535-01	700-533-01	700-531-01	700-532-01	700-534-01	700-536-01	700-538-01	700-540-01
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 700-551-00
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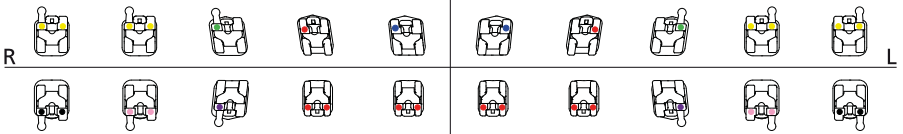
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Roth 22

Slot: 0.56 x 0.64 mm / 22 x 25 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

Torque	- 7°	- 7°	- 2°	+ 8°	+ 11°	+ 11°	+ 8°	- 2°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 9°	+ 5°	+ 5°	+ 9°	+ 8°	0°	0°
In/Out	0.8 mm	0.8 mm	0.7 mm	1.0 mm	0.9 mm	0.9 mm	1.0 mm	0.7 mm	0.8 mm	0.8 mm
Width	2.9 mm	2.9 mm	2.9 mm	2.7 mm	2.9 mm	2.9 mm	2.7 mm	2.9 mm	2.9 mm	2.9 mm
REF	790-709-01	790-707-01	790-705-01	790-703-01	790-701-01	790-702-01	790-704-01	790-706-01	790-708-01	790-710-01
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

CE 0483



Torque	- 17°	- 17°	- 11°	0°	0°	0°	0°	- 11°	- 17°	- 17°
Angulation	0°	0°	+ 7°	0°	0°	0°	0°	+ 7°	0°	0°
In/Out	0.8 mm	0.8 mm	0.8 mm	0.9 mm	0.9 mm	0.9 mm	0.9 mm	0.8 mm	0.8 mm	0.8 mm
Width	2.9 mm	2.9 mm	2.9 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.9 mm	2.9 mm	2.9 mm
REF	790-719-01	790-717-01	790-715-01	790-713-01	790-711-01	790-712-01	790-714-01	790-716-01	790-718-01	790-720-01
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

Assortments:

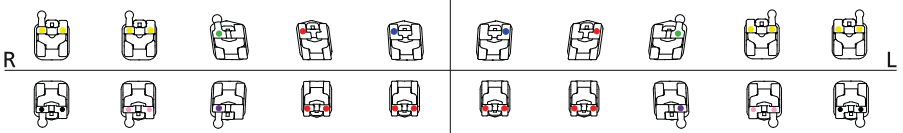
1 case	20 brackets	REF 891-410-00
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McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 x 0.64 mm / 22 x 25 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

Torque	- 7°	- 7°	0°	+ 10°	+ 17°	+ 17°	+ 10°	0°	- 7°	- 7°
Angulation	0°	0°	+ 8°	+ 8°	+ 4°	+ 4°	+ 8°	+ 8°	0°	0°
In/Out	0.8 mm	0.8 mm	0.7 mm	1.0 mm	0.9 mm	0.9 mm	1.0 mm	0.7 mm	0.8 mm	0.8 mm
Width	2.9 mm	2.9 mm	2.9 mm	2.7 mm	2.9 mm	2.9 mm	2.7 mm	2.9 mm	2.9 mm	2.9 mm
REF	790-729-01	790-727-01	790-725-01	790-723-01	790-721-01	790-722-01	790-724-01	790-726-01	790-728-01	790-730-01
Quantity	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece	1 piece

CE 0483



Torque	- 12°	- 12°	0°	- 6°	- 6°	- 6°	- 6°	0°	- 12°	- 12°
Angulation	0°	0°	+ 3°	0°	0°	0°	0°	+ 3°	0°	0°
In/Out	0.8 mm	0.8 mm	0.8 mm	0.9 mm	0.9 mm	0.9 mm	0.9 mm	0.8 mm	0.8 mm	0.8 mm
Width	2.9 mm	2.9 mm	2.9 mm	2.5 mm	2.5 mm	2.5 mm	2.5 mm	2.9 mm	2.9 mm	2.9 mm
REF	790-739-01	790-737-01	790-735-01	790-733-01	790-731-01	790-732-01	790-734-01	790-736-01	790-738-01	790-740-01
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 891-411-00
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Self-ligating brackets

discovery® sl / Assortments

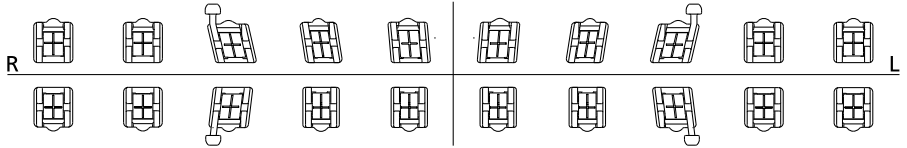
Roth 18

Slot: 0.46 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

CE 0483

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

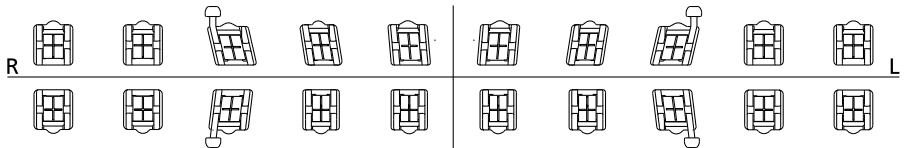
Roth 22

Slot: 0.56 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

CE 0483

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

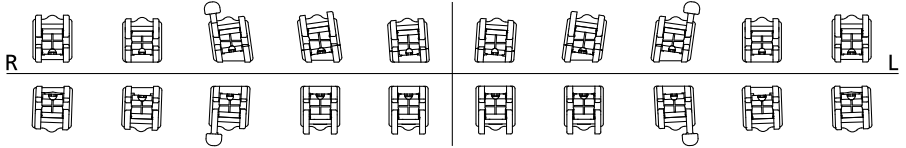
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 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

CE 0483

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



Self-ligating brackets

Instruments



sl-instrument

sterilizable

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

Handle color: gold

REF 023-276-00

1 piece



sl-instrument

sterilizable

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

Handle color: silver

REF 023-277-00

1 piece



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dinamique® c demonstration model

Angle Class I, normal occlusion

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- dinamique® c self-ligating ceramic brackets
- Ortho-Cast M-Series and M-Series mini buccal tubes
- remanium® arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-28

1 piece

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dinamique® m demonstration model

Angle Class I, normal occlusion

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- dinamique® m self-ligating metal brackets
- Ortho-Cast M-Series and M-Series mini buccal tubes
- remanium® arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-27

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



Metal brackets

discovery® / Assortments

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discovery® / Single packs – bonding technique

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discovery® smart / Assortments

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topic / Assortments

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topic / Single packs – bonding technique

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equilibrium® mini / Assortments

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equilibrium® mini / Single packs – bonding technique

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equilibrium® 2 / Assortments

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equilibrium® 2 / Single packs – bonding technique

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equilibrium® ti / Assortments

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Bracket accessories

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Metal brackets.

Always a good choice.



DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com



Metal brackets



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 Dentaurem 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

The discovery® family.



The discovery® family.

The discovery® bracket family comprises the premium bracket line of the Dentaureum 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 bio-compatible 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 Dentaureum'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 Dentaureum 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 for 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.

Metal brackets

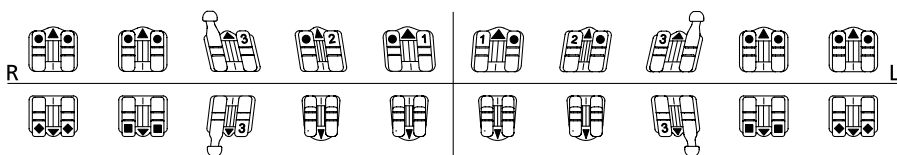
discovery® / Assortments

Roth 18

Slot: 0.46 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	1.3 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

CE 0483



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:

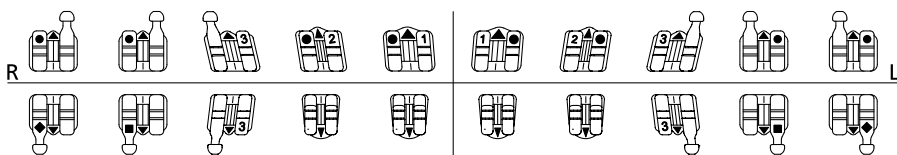
Other brackets with Roth values see single packs.

Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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	1.3 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

CE 0483



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:

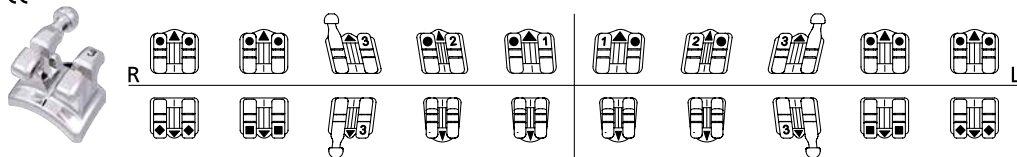
Other brackets with Roth values see single packs.

Roth 22

Slot: 0.56 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

CE 0483



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:

1 case assortment REF 891-197-00 is equivalent to REF 891-183-00, with additional 4 buccal tubes (1 x 724-268-51 / 1 x 724-269-51 / 1 x 822-121-46 / 1 x 822-121-36).

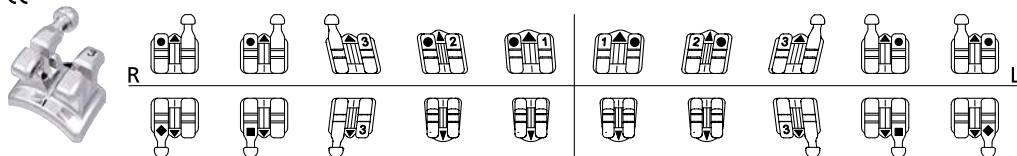
Other brackets with Roth values see single packs.

Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483



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.

Metal brackets

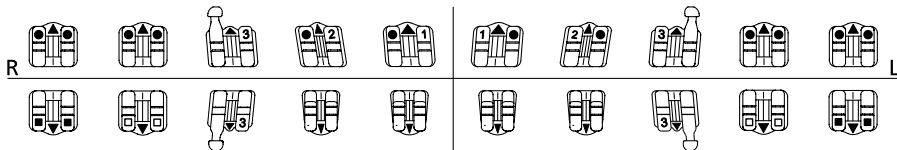
discovery® / Assortments

Ricketts® – IV. Dimension 18

Slot: 0.46 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

CE 0483



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:

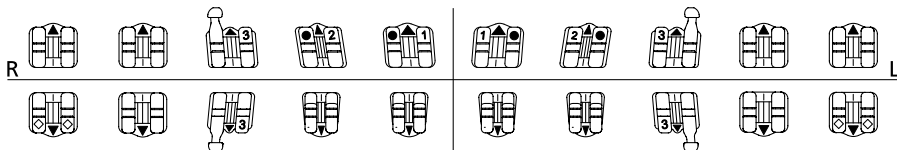
1 case	20 brackets	REF 891-375-00
10 cases	200 brackets	REF 891-376-00
50 cases	1000 brackets	REF 891-377-00

Ricketts® Universal 18

Slot: 0.46 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

CE 0483



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:

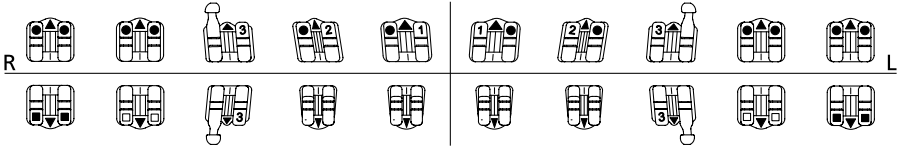
1 case	20 brackets	REF 891-188-00
10 cases	200 brackets	REF 891-189-00
50 cases	1000 brackets	REF 891-196-00

Hilgers 18

Slot: 0.46 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

CE 0483



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

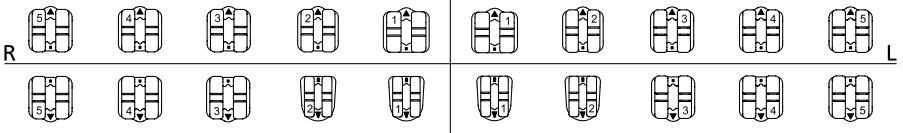
Standard Edgewise 18

Slot: 0.46 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	2.6 mm	3.0 mm	3.0 mm	2.6 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

CE 0483

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

Metal brackets

discovery® / Assortments

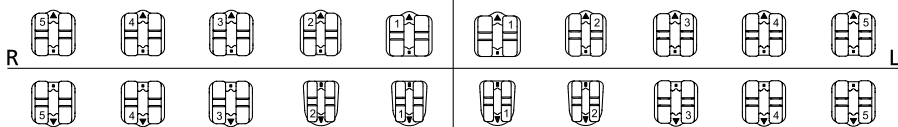
Standard Edgewise 22

Slot: 0.56 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

CE 0483

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

Roth 18/22

Teeth	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



CE 0483

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

Individual systems 18/22

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
12	+ 14°	+ 8°	1.3 mm		3.2 mm		790-161-00	10 pieces
22	+ 14°	+ 8°	1.3 mm		3.2 mm		790-162-00	10 pieces



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
42-41/31-32	- 10°	0°	1.3 mm		2.6 mm	790-153-00	790-154-00	10 pieces



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
13/33	+ 7°	+ 7°	0.7 mm	•	3.4 mm		790-159-00	10 pieces
23/43	+ 7°	+ 7°	0.7 mm	•	3.4 mm		790-160-00	10 pieces



CE 0483

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



Metal brackets

discovery® smart / Assortments

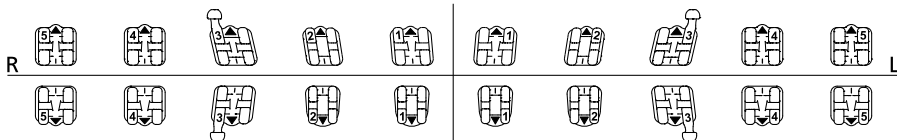
Roth 18

Slot: 0.46 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

CE 0483

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	718-901-35
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

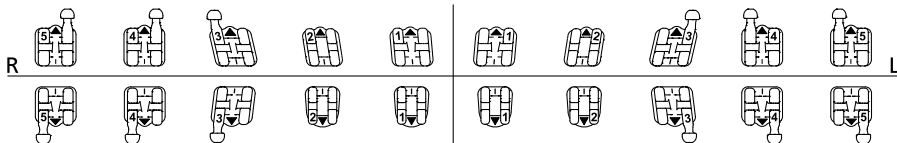
Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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

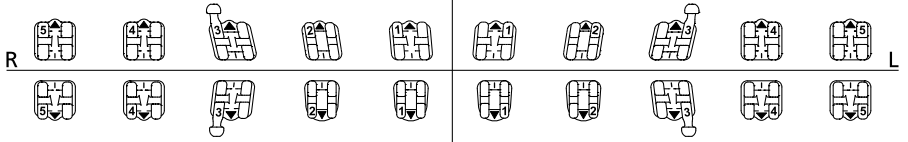
Roth 22

Slot: 0.56 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

CE 0483

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 722-901-01
10 cases	200 brackets	REF 722-901-10

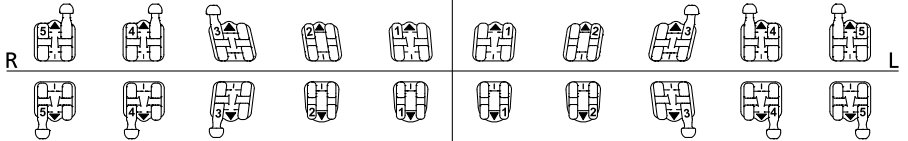
Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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

Metal brackets

discovery® smart / Assortments

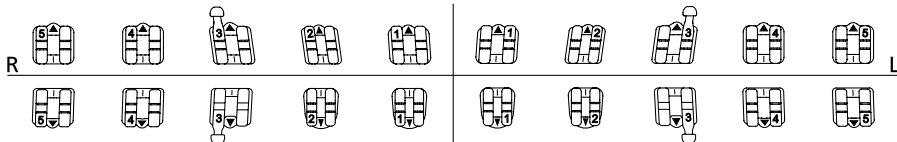
McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 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

CE 0483

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	718-942-44	718-942-43	718-902-42	718-902-41	718-902-31	718-902-32	718-942-33	718-942-34	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

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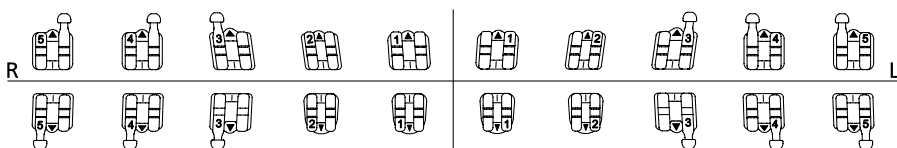
McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 x 0.76 mm / 18 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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

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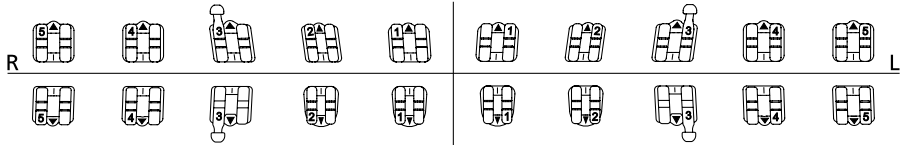
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 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

CE 0483

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	722-942-44	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

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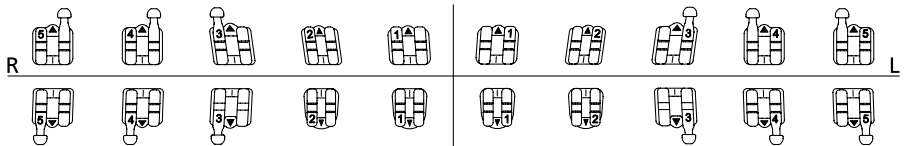
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 x 0.76 mm / 22 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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

** 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

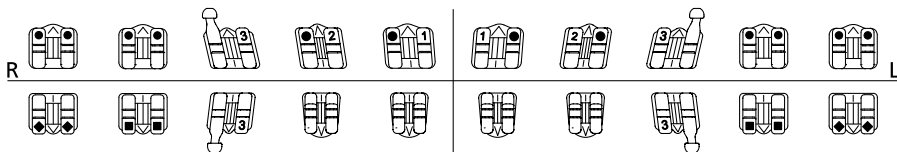
topic / Assortments

Roth 18

Slot: 0.46 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

CE 0483



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.

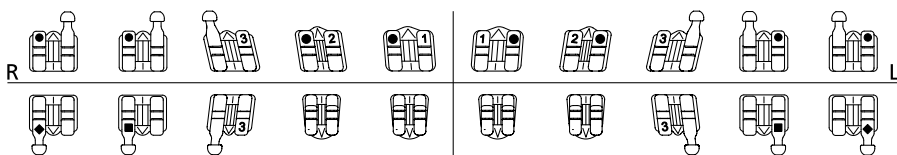
* see Materials list Orthodontics

Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets · 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

CE 0483



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.

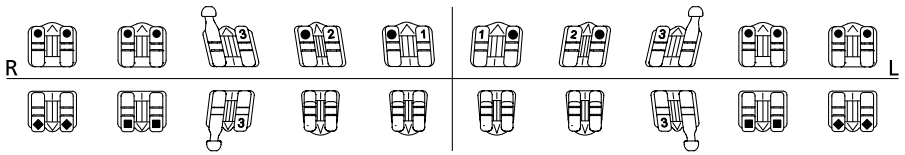
* see Materials list Orthodontics

Roth 22

Slot: 0.56 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

CE 0483



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	790-322-00	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.

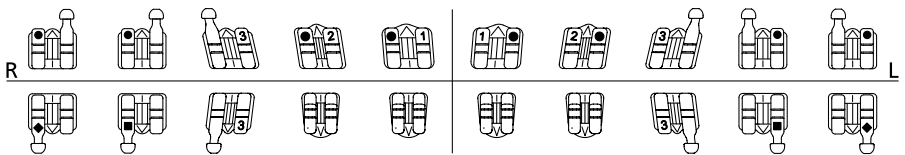
* see Materials list Orthodontics

Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets - 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

CE 0483



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

Metal brackets

topic / Single packs – bonding technique



Roth 18/22

nickel-free*

Teeth	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

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

* see Materials list Orthodontics

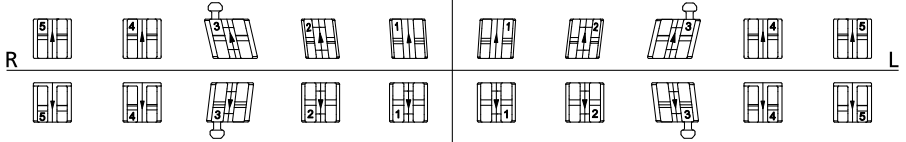
Roth 18

Slot: 0.46 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

CE 0483

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

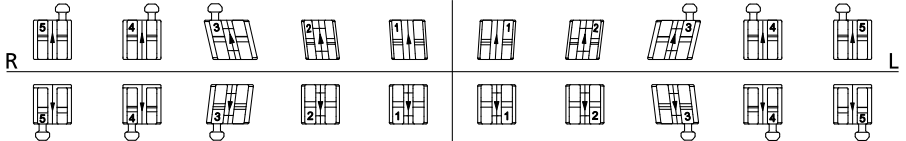
Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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

Metal brackets

equilibrium® mini / Assortments

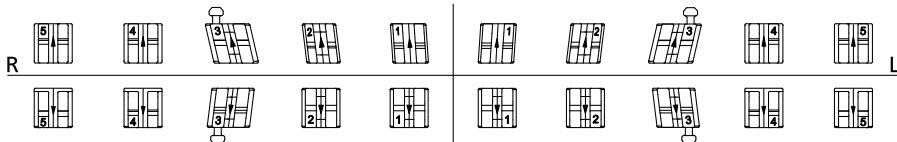
Roth 22

Slot: 0.56 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

CE 0483

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	722-441-34	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

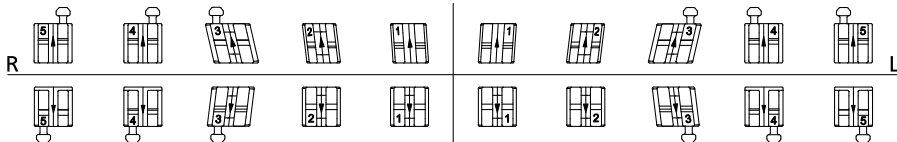
Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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	2.2 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

CE 0483

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

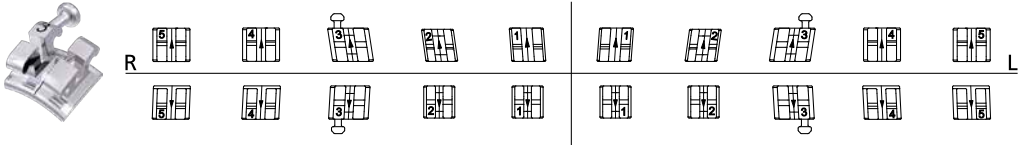
McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 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

CE 0483

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.

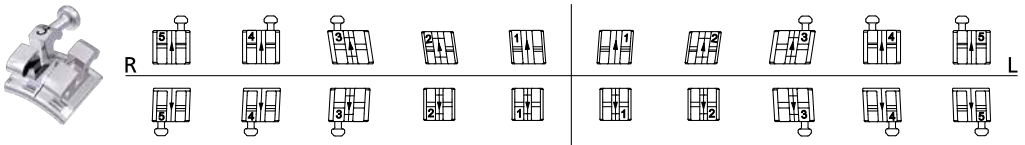
McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 x 0.76 mm / 18 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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.

** 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

equilibrium® mini / Assortments

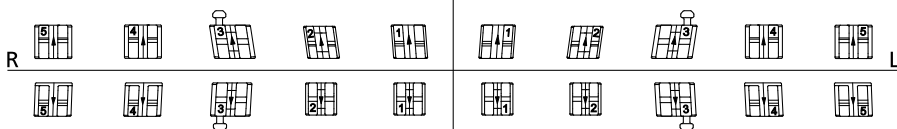
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 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

CE 0483

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.

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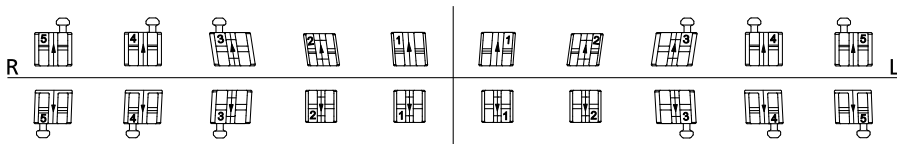
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 x 0.76 mm / 22 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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



Teeth	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

CE 0483

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

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

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Metal brackets

equilibrium® 2 / Assortments

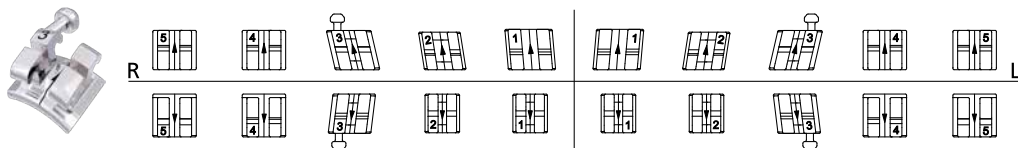
Roth 18

Slot: 0.46 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

CE 0483

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.

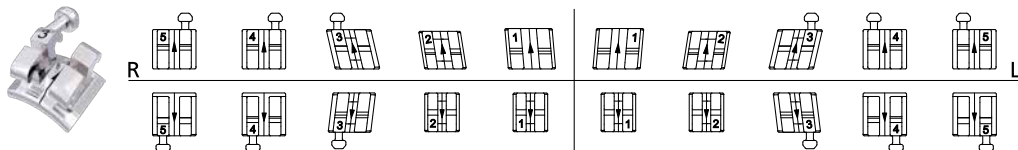
Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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.

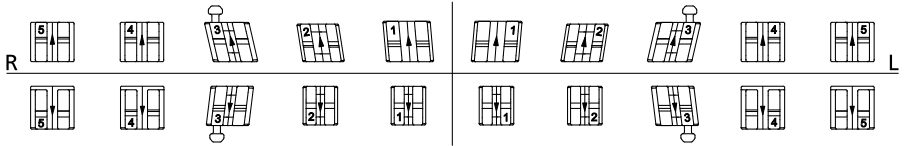
Roth 22

Slot: 0.56 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

CE 0483

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.

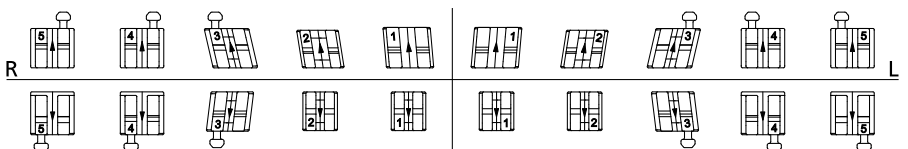
Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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.

Metal brackets

equilibrium® 2 / Assortments

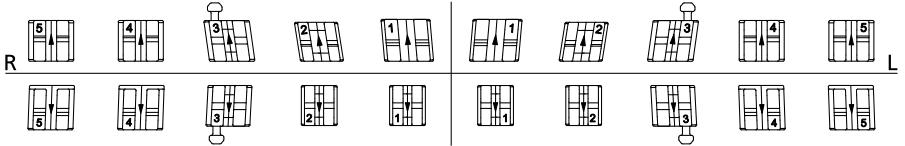
McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 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

CE 0483

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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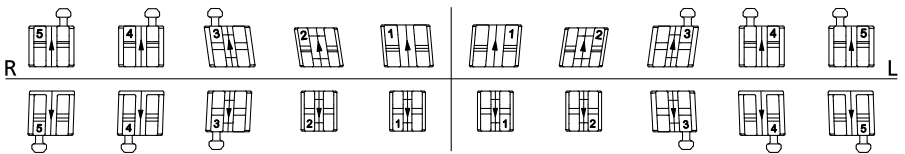
McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 x 0.76 mm / 18 x 30 · Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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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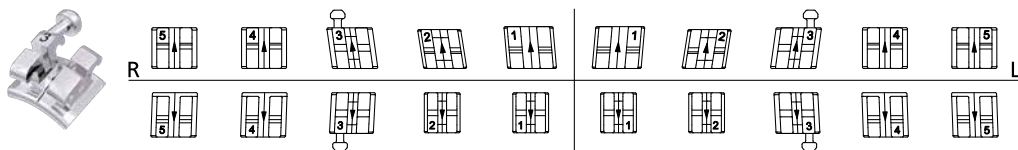
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 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

CE 0483

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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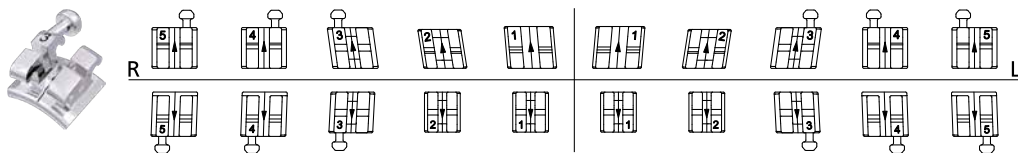
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 x 0.76 mm / 22 x 30 - Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets

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

CE 0483

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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Metal brackets

equilibrium® 2 / Assortments

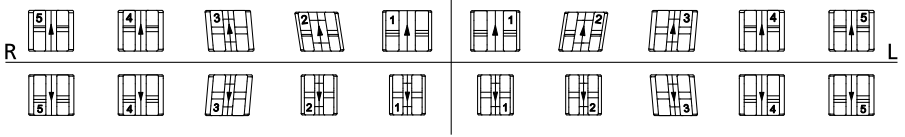
Ricketts® Universal 18

Slot: 0.46 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

CE 0483

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.

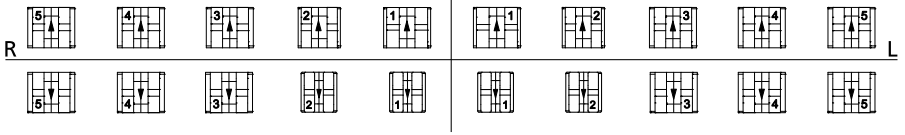
Standard Edgewise 18

Slot: 0.46 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

CE 0483

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

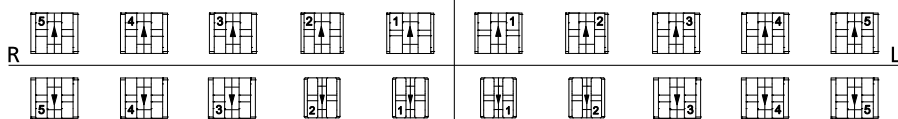
Standard Edgewise 22

Slot: 0.56 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

CE 0483

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

Metal brackets

equilibrium® 2 / Single packs – bonding technique



Roth 18/22

Teeth	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



Teeth	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

CE 0483

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



Ricketts® Universal 18

Teeth	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



Teeth	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

CE 0483

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

equilibrium® 2 / Single packs – banding technique

Roth 18/22

Teeth	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



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
42-41/31-32	- 1°	0°	1.3 mm		2.4 mm	790-207-02	790-219-02	10 pieces
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



CE 0483

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

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

Teeth	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



CE 0483

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

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Metal brackets

equilibrium® 2 / Single packs – banding technique



McLaughlin-Bennett-Trevisi** 18/22

Teeth	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
15/25	- 7°	0°	1.2 mm		3.1 mm	790-276-02	790-267-02	10 pieces
15	- 7°	0°	1.2 mm	•	3.1 mm	790-284-02	790-268-02	10 pieces
25	- 7°	0°	1.2 mm	•	3.1 mm	790-285-02	790-269-02	10 pieces



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
42-41/31-32	- 6°	0°	1.3 mm		2.4 mm	790-277-02	790-233-02	10 pieces
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
44	- 12°	+ 2°	0.7 mm		3.1 mm	790-280-02	790-239-02	10 pieces
44	- 12°	+ 2°	0.7 mm	•	3.1 mm	790-286-02	790-245-02	10 pieces
34	- 12°	+ 2°	0.7 mm		3.1 mm	790-281-02	790-240-02	10 pieces
34	- 12°	+ 2°	0.7 mm	•	3.1 mm	790-287-02	790-246-02	10 pieces
45	- 17°	+ 2°	0.7 mm		3.1 mm	790-282-02	790-241-02	10 pieces
45	- 17°	+ 2°	0.7 mm	•	3.1 mm	790-288-02	790-247-02	10 pieces
35	- 17°	+ 2°	0.7 mm		3.1 mm	790-283-02	790-242-02	10 pieces
35	- 17°	+ 2°	0.7 mm	•	3.1 mm	790-289-02	790-248-02	10 pieces

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

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Standard Edgewise 18/22

Teeth	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



Teeth	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

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30



Individual systems 18/22

Teeth	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



Teeth	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

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

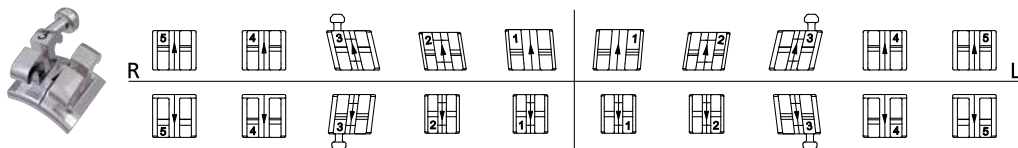
Roth 18

Slot: 0.46 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

CE 0483

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).

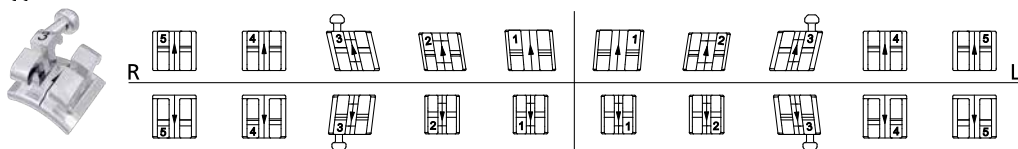
Roth 22

Slot: 0.56 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

CE 0483

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).

Metal brackets

equilibrium® ti / Assortments

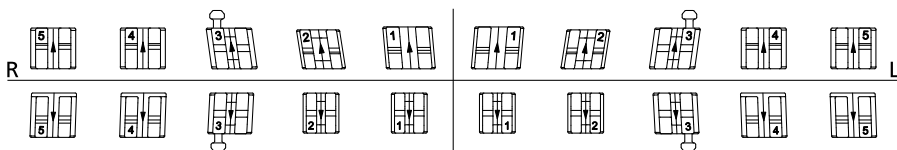
McLaughlin-Bennett-Trevisi** 18

Slot: 0.46 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

CE 0483

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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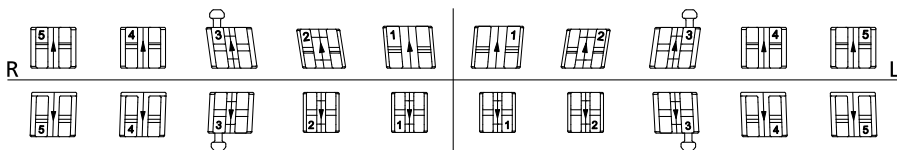
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 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

CE 0483

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

Roth 18/22 Page 100

McLaughlin-Bennett-Trevisi* 18/22 Page 101

discovery® pearl ceramic brackets / Single packs

Roth 18/22 Page 102

McLaughlin-Bennett-Trevisi* 18/22 Page 103

discovery® pearl & smart combined assortments

Roth 22 Page 104

McLaughlin-Bennett-Trevisi* 22 Page 104

discovery® pearl accessories

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Elegance® plastic brackets / Assortments

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Standard Edgewise 18/22 Page 106

Elegance® plastic brackets / Single packs

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Patient consultation material

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Nickel-free products

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Bracket accessories

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Aesthetic brackets.

For an even more beautiful smile.



DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com



Rediscover aesthetics.



The highest quality standards.

Brackets in the wide Dentaaurum 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. Dentaaurum 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.



Elegance®

The light plastic bracket.



FDI System

	18	17	16	15	14	13	12	11		21	22	23	24	25	26	27	28
	8	7	6	5	4	3	2	1		1	2	3	4	5	6	7	8
R	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



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. In addition, 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.



Aesthetic brackets

discovery® pearl ceramic brackets / Assortments



Roth 18/22

Cuspid brackets with hook - with positioning guide

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	718-701-03	722-701-03	1 bracket each = 6 pieces
15-11/21-25	718-701-05	722-701-05	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23/43-41/31-33	718-701-63	722-701-63	1 bracket each = 12 pieces
15-11/21-25/45-41/31-35	718-701-65	722-701-65	1 bracket each = 20 pieces

€ 0483

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



Roth 18/22

Cuspid brackets with hook - without positioning guide

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	718-701-73	722-701-73	1 bracket each = 6 pieces
15-11/21-25	718-701-75	722-701-75	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23/43-41/31-33	718-701-83	722-701-83	1 bracket each = 12 pieces
15-11/21-25/45-41/31-35	718-701-85	722-701-85	1 bracket each = 20 pieces

€ 0483

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



Roth 18/22

Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets - with positioning guide

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25	718-741-60	722-741-60	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25/45-41/31-35	718-741-65	722-741-65	1 bracket each = 20 pieces

€ 0483

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



Roth 18/22

Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets - without positioning guide

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25	718-741-80	722-741-80	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25/45-41/31-35	718-741-85	722-741-85	1 bracket each = 20 pieces

€ 0483

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

discovery® pearl ceramic brackets / Assortments

McLaughlin-Bennett-Trevisi** 18/22

Cuspid brackets with hook · with positioning guide

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	718-702-03	722-702-03	1 bracket each = 6 pieces
15-11/21-25	718-702-05	722-702-05	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23/43-41/31-33	718-702-63	722-702-63	1 bracket each = 12 pieces
15-11/21-25/45-41/31-35	718-702-65	722-702-65	1 bracket each = 20 pieces

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

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McLaughlin-Bennett-Trevisi** 18/22

Cuspid brackets with hook · without positioning guide

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	718-702-73	722-702-73	1 bracket each = 6 pieces
15-11/21-25	718-702-75	722-702-75	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23/43-41/31-33	718-702-83	722-702-83	1 bracket each = 12 pieces
15-11/21-25/45-41/31-35	718-702-85	722-702-85	1 bracket each = 20 pieces

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

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McLaughlin-Bennett-Trevisi** 18/22

Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets · with positioning guide

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25	718-742-60	722-742-60	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25/45-41/31-35	718-742-65	722-742-65	1 bracket each = 20 pieces

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

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McLaughlin-Bennett-Trevisi** 18/22

Hook on cuspid, 1st bicuspid and 2nd bicuspid brackets · without positioning guide

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25	718-742-80	722-742-80	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
15-11/21-25/45-41/31-35	718-742-85	722-742-85	1 bracket each = 20 pieces

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

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Aesthetic brackets

discovery® pearl ceramic brackets / Single packs



Roth 18/22

with positioning guide

Teeth	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



Teeth	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

CE 0483

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

McLaughlin-Bennett-Trevisi** 18/22

with positioning guide



Teeth	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



Teeth	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

CE 0483

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30

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Aesthetic brackets

discovery® pearl & smart combined assortments



Roth 22

Cuspid brackets with hook - with positioning guide

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

0483

Slot 22: 0.56 x 0.76 mm / 22 x 30



McLaughlin-Bennett-Trevisi** 22

Cuspid brackets with hook - with positioning guide

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

0483

Slot 22: 0.56 x 0.76 mm / 22 x 30

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discovery® pearl ceramic brackets / Accessories

discovery® pearl debonding instrument sterilizable

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

REF 019-001-00

1 piece

CE



Dentalastics® pearl

Plastic ligatures

Especially delicate plastic ligatures for ligating archwires to brackets.

Contents:

45 sticks x 22 rings = 990 pieces

Color	Inner ø	REF	Quantity
pearl	1.3 mm	774-563-00	1 pack

CE 0483



Elasto-Force plastic chain

Color	Inner ø	Length	REF	Quantity
pearl	1.3 mm	4.5 m	774-236-00	1 roll

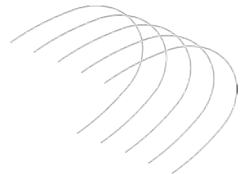
CE 0483



Translucent ideal arch pearl, round

ø	REF	Quantity
0.45 mm / 18	766-906-00	5 pieces

CE 0483



Aesthetic brackets

Elegance® plastic brackets / Assortments



Roth 18/22

Cuspid brackets with hook · **without positioning guide**

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	791-058-00	791-060-00	1 bracket each = 6 pieces
43-41/31-33	791-066-00	791-067-00	1 bracket each = 6 pieces
15-11/21-25/45-41/31-35	791-059-00	791-061-00	1 bracket each = 20 pieces

CE 0483

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



Standard Edgewise 18/22

without hook · **without positioning guide**

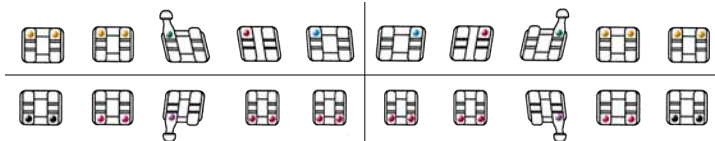
Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	791-062-00		1 bracket each = 6 pieces
15-11/21-25/45-41/31-35	791-063-00	791-065-00	1 bracket each = 20 pieces

CE 0483

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

Clear color coding system

Each Elegance® bracket is individually marked by a color, thus virtually eliminating identification mistakes. The markings are easy to remove before the arch wire is inserted.



Roth 18/22

without positioning guide

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 14°	+ 5°	1.05 mm		3.6 mm	791-001-03	791-013-03	1 piece
21	+ 14°	+ 5°	1.05 mm		3.6 mm	791-002-03	791-014-03	1 piece
12	+ 7°	+ 8°	1.25 mm		3.2 mm	791-003-03	791-015-03	1 piece
22	+ 7°	+ 8°	1.25 mm		3.2 mm	791-004-03	791-016-03	1 piece
13	0°	+ 10°	0.75 mm	•	3.5 mm	791-005-03	791-017-03	1 piece
23	0°	+ 10°	0.75 mm	•	3.5 mm	791-006-03	791-018-03	1 piece
15-14/24-25	- 7°	0°	0.75 mm		3.2 mm	791-007-03	791-019-03	1 piece



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
42-41/31-32	- 1°	0°	1.10 mm		3.0 mm	791-008-03	791-020-03	1 piece
43	- 7°	+ 6°	0.75 mm	•	3.5 mm	791-009-03	791-021-03	1 piece
33	- 7°	+ 6°	0.75 mm	•	3.5 mm	791-010-03	791-022-03	1 piece
44/34	- 11°	0°	0.75 mm		3.2 mm	791-011-03	791-023-03	1 piece
45/35	- 17°	0°	0.85 mm		3.2 mm	791-012-03	791-024-03	1 piece



CE 0483

Single packages also available with contents = 10 pieces! In this case the 8th digit of the REF is 2.
Slot 18: 0.46 x 0.76 mm / 18 x 30
Slot 22: 0.56 x 0.76 mm / 22 x 30

Standard Edgewise 18/22

without positioning guide

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11/21	0°	0°	0.90 mm		3.6 mm	704-799-03	704-800-03	1 piece
12/22	0°	0°	0.90 mm		3.0 mm	703-799-03	703-800-03	1 piece

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
42-41/31-32	0°	0°	0.90 mm		3.0 mm	702-799-03	702-800-03	1 piece

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
15-13/23-25/45-43/33-35	0°	0°	0.85 mm		3.5 mm	713-799-03	713-800-03	1 piece

CE 0483

Single packages also available with contents = 10 pieces! In this case the 8th digit of the REF is 2.
Slot 18: 0.46 x 0.76 mm / 18 x 30
Slot 22: 0.56 x 0.76 mm / 22 x 30



Aesthetic brackets

Patient consultation material



Orthodontic demonstration model discovery® pearl

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- discovery® pearl ceramic brackets
- translucent arch pearl

Maxilla made of plastic.

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.



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



Orthodontic demonstration model Elegance®

Angle Class I, normal occlusion

Roth 22

Fitted with:

- Elegance® plastic brackets
- Ortho-Cast M-Series mini buccal tubes
- dentaform® bands
- rematitan® LITE White arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-10

1 piece

Nickel-free products

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



Nickel-free products.

The nickel-free therapy.










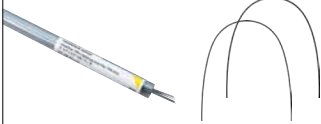

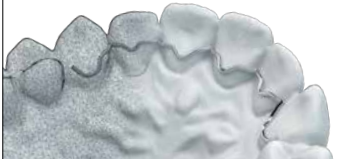
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Product overview.

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	
Noninium® facebow**	Intra- and extra-oral	

Products	Chapter	
Ortho-Cast NF buccal tubes made of remanium® star*	Buccal tubes/ Bonding technique	
rematitan® buccal tubes made of pure titanium	Buccal tubes/ Bonding technique	
Noninium® wires, arches and wire elements**	Wires Arches Accessories	
rematitan® wires and rematitan® SPECIAL arches	Wires Arches Accessories	
rematitan® & Titan hyrax® · Expansion screws made of pure titanium	Expansion screws	
Retainer 3D · 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
----------------	-----------

CE 0402



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
----------------	---------

CE 0483



Lingual buttons

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

REF 750-002-51	10 pieces
----------------	-----------

CE 0483



Lingual buttons

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

REF 750-001-51	10 pieces
----------------	-----------

CE 0483



Lingual cleats

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

REF 750-602-50	10 pieces
----------------	-----------

CE 0483



Mesh base

Bonding technique
Anatomically contoured.

Indication	Base	Dimensions (H x W)	REF	Quantity
for incisors	flat	3.8 x 3.8 mm	799-202-00	10 pieces
for cuspids and bicuspid	curved	4.0 x 4.5 mm	799-204-00	10 pieces
for buccal tubes and 2nd molars	small	3.0 x 6.5 mm	799-206-00	10 pieces

CE 0483

**Gauze
fine mesh**

For making individual retentive bases.
Periodontal splint etc., 10 x 10 cm.

REF 316-000-00

1 piece

CE⁰⁴⁸³**Protection wax**

For relief from irritation caused by brackets and ligature wires.

Form of delivery:

50 boxes of 5 bars each.
Color: white

REF 124-305-00

50 x 5 pieces

CE

**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

**NEW**

Buccal tubes

Bonding technique	Page	120
Bonding technique / Nickel-free* tubes	Page	127
Bonding technique / Titanium tubes	Page	128
Banding technique	Page	129
Prewelded parts	Page	139

* see Materials list Orthodontics





Note

Tube dimensions	Main tube
	Slot: 0.46 x 0.64 mm / 18 x 25 or Slot: 0.56 x 0.70 mm / 22 x 28
	Auxiliary tube
	Slot: 0.46 x 0.64 mm / 18 x 25 e.g. for segmental arches in the segment arch technique (max. recommended wire thickness: 0.43 x 0.64 mm / 17 x 25)
Lip bumper/Facebow tubes	ø 1.15 mm / 45
	In/Out
Hook	0.3 mm
	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 Dentaureum's color coded catalog

 Maxillary

 Mandibular

 Maxillary + Mandibular

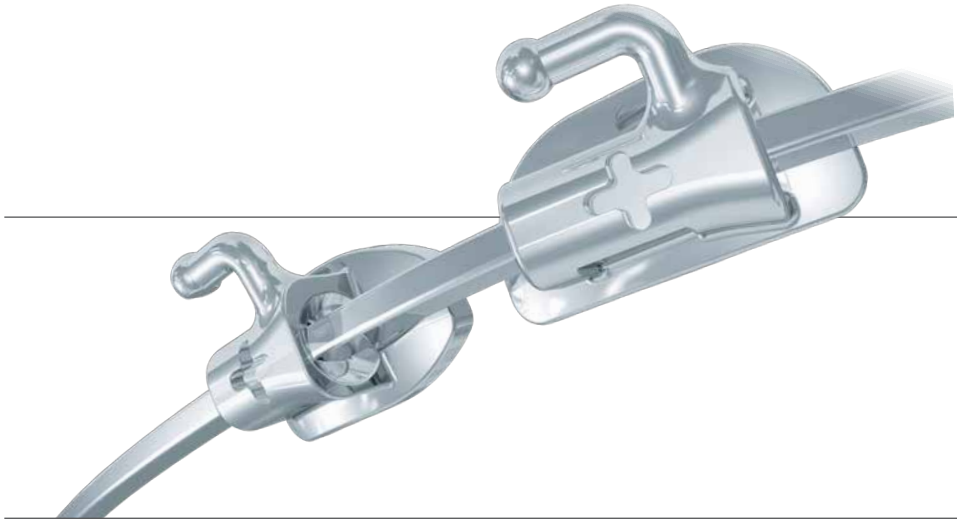
Buccal tubes.

Perfect in function and design.



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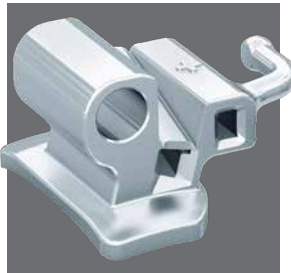




Perfect in function and design.

Just like the Dentaurem 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 during therapy. Most of the 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 tubes.



Ortho-Cast M-Series

The new generation.



Ortho-Cast

The innovative MIM buccal tubes.



Ortho

The classic buccal tube.



Ortho-Cast NF

The nickel-free* solution.



rematitan®

The only buccal tubes made of pure titanium.



* see Materials list Orthodontics

Buccal tubes

Bonding technique

single round



Ortho

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

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

☞⁰⁴⁸³

Slot: 0.9 mm / 36

single rectangular



Ortho-Cast M-Series mini 18/22

non-convertible · Quantity: 10 pieces

Teeth	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



Teeth	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

☞⁰⁴⁸³

Slot 18: 0.46 x 0.64 mm / 18 x 25

Slot 22: 0.56 x 0.70 mm / 22 x 28

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single rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

Teeth	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



Teeth	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	



CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25

Slot 22: 0.56 x 0.70 mm / 22 x 28

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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces

Teeth	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**



Teeth	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**



CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25

Slot 22: 0.56 x 0.70 mm / 22 x 28

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Buccal tubes

Bonding technique

single rectangular



Ortho-Cast 18/22

non-convertible · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/36-37	0°	0°	•	6.0 mm		724-084-51	Standard Edgewise
26-27/47-46	0°	0°	•	6.0 mm		724-085-51	Standard Edgewise
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	

CE 0483

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



Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/36-37	0°	0°	•	6.0 mm		724-084-50	Standard Edgewise
26-27/47-46	0°	0°	•	6.0 mm		724-085-50	Standard Edgewise
17-16/26-27/47-46/36-37	0°	6°		4.0 mm	724-090-50		

CE 0483

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



Ortho-Cast 18/22

non-convertible · distal notch · Quantity: 10 pieces

NEW

Teeth	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	

CE 0483

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



Ortho 18/22

non-convertible · distal extension · Quantity: 10 pieces

Teeth	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	

CE 0483

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

single rectangular

Ortho-Cast 18/22

convertible · Quantity: 10 pieces

Teeth	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		



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 20°	0°	•	4.0 mm	724-234-51		McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	724-235-51		McLaughlin-Bennett-Trevisi** for the 1st molar
47-46	- 25°	8°	•	4.0 mm	724-040-51		
36-37	- 25°	8°	•	4.0 mm	724-041-51		



CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25

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double rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

Teeth	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**



Teeth	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**



CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25

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

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Bonding technique

double rectangular



Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces

Teeth	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**



Teeth	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**

☞ 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25

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

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Ortho-Cast 18/22

non-convertible · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 10°	15°	•	4.0 mm	724-280-51		
26-27	- 10°	15°	•	4.0 mm	724-281-51		



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	12°	•	4.0 mm	724-282-51		
36-37	- 25°	12°	•	4.0 mm	724-283-51		

☞ 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25



Ortho-Cast 18/22

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

Teeth	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

☞ 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25

Slot 22: 0.56 x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 x 0.70 mm / 22 x 28

double combination

Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm	724-204-51	724-206-51	Roth
26-27	- 14°	14°	•	4.0 mm	724-205-51	724-207-51	Roth



€ 0483

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

Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	724-242-51		McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-243-51		McLaughlin-Bennett-Trevisi**



€ 0483

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

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Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	724-238-51	724-220-51	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-239-51	724-221-51	McLaughlin-Bennett-Trevisi**



€ 0483

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

Slot 22: 0.56 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 gingival · **Quantity: 10 pieces**

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/26-27/47-46/36-37	0°	0°		4.6 mm	727-265-50		Ricketts® Universal 18, Standard Edgewise



€ 0483

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

Bonding technique

triple combination



Ortho-Cast 22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm		724-202-51	Roth
26-27	- 14°	14°	•	4.0 mm		724-203-51	Roth

CE 0483

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



Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm	724-266-51		Roth
26-27	- 14°	14°	•	4.0 mm	724-267-51		Roth
17-16	- 14°	10°	•	4.0 mm	724-230-51		McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-231-51		McLaughlin-Bennett-Trevisi**

CE 0483

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

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double rectangular

Ortho-Cast NF 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46/36-37	- 30°	0°	•	3.5 mm	724-562-51	724-563-51	

CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25
 Slot 22: 0.56 x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.56 x 0.70 mm / 22 x 28
 * see Materials list Orthodontics



triple combination

Ortho-Cast NF 18

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm	724-500-51		Roth
26-27	- 14°	14°	•	4.0 mm	724-501-51		Roth

CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
 * see Materials list Orthodontics



Buccal tubes

Bonding technique / Titanium tubes

double rectangular



rematitan® 18/22

non-convertible · Quantity: 10 pieces

Teeth	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	



Teeth	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	

CE⁰⁴⁸³

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



rematitan® 18/22

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

Teeth	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**



Teeth	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	



Teeth	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	

CE⁰⁴⁸³

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

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single round

Ortho-Cast

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

Teeth	Torque	Distal Offset	Hook	Width	REF	System
17-16/36-37		6°	•	4.0 mm	724-080-00	
26-27/47-46		6°	•	4.0 mm	724-081-00	



☞ 0483

Slot: 0.9 mm / 36

Ortho

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

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



☞ 0483

Slot: 0.9 mm / 36

Ortho

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

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



☞ 0483

Slot: 1.15 mm / 45

double round

Ortho

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

Teeth	Torque	Distal Offset	Hook	Width	REF	System
17-16/36-37		0°	•	4.6 mm	726-012-00	
26-27/47-46		0°	•	4.6 mm	726-013-00	
17-16/26-27/47-46/36-37		0°		4.6 mm	726-011-00	



☞ 0483

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



Banding technique

single rectangular



Ortho-Cast M-Series 18/22
non-convertible · Quantity: 10 pieces

NEW

Teeth	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	



Teeth	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	

CE 0483

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

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Ortho-Cast M-Series 18/22
convertible · Quantity: 10 pieces

Teeth	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**



Teeth	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

CE 0483

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

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single rectangular

Ortho-Cast 18/22

non-convertible · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	724-232-00		McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-233-00		McLaughlin-Bennett-Trevisi**
Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 10°	0°	•	4.0 mm	724-236-00		McLaughlin-Bennett-Trevisi** for the 2nd molar
36-37	- 10°	0°	•	4.0 mm	724-237-00		McLaughlin-Bennett-Trevisi** for the 2nd molar
Teeth	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	

CE 0483

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

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Ortho-Cast 18/22

convertible · Quantity: 10 pieces

Teeth	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		
Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 20°	0°	•	4.0 mm	724-234-00		McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	724-235-00		McLaughlin-Bennett-Trevisi** for the 1st molar
47-46	- 25°	8°	•	4.0 mm	724-040-00	724-140-00	
36-37	- 25°	8°	•	4.0 mm	724-041-00	724-141-00	

CE 0483

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

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Buccal tubes

Banding technique

single rectangular



Ortho-Cast 18/22

non-convertible · distal notch · Quantity: 10 pieces

NEW

Teeth	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	

CE 0483

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



Ortho-Cast 18/22

non-convertible · distal extension · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/36-37	0°	0°	•	6.0 mm		724-084-00	Standard Edgewise
26-27/47-46	0°	0°	•	6.0 mm		724-085-00	Standard Edgewise

CE 0483

Slot 22: 0.56 x 0.70 mm / 22 x 28



Ortho 18/22

non-convertible · distal notch · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/36-37	0°	6°	•	4.0 mm	725-308-00		
26-27/47-46	0°	6°	•	4.0 mm	725-309-00		
17-16/26-27/47-46/36-37	0°	6°		4.0 mm	725-310-00		

CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25



Ortho 18/22

non-convertible · distal extension · Quantity: 10 pieces

Teeth	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	

CE 0483

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

double rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

Teeth	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	



Teeth	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	
36-37	- 22°	12°	•	3.6 mm	818-224-30	822-224-30	



CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25

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

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Ortho-Cast M-Series 18/22

convertible · Quantity: 10 pieces

Teeth	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**



Teeth	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



CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25

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

Teeth	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

☎ 0483

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

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Ortho-Cast 18/22

non-convertible · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 9°	10°	•	4.0 mm	724-066-00		
26-27	- 9°	10°	•	4.0 mm	724-067-00		



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 22°	12°	•	4.0 mm	724-064-00	724-164-00	Ricketts® 18 – IV. Dimension for the 1st molar
36-37	- 22°	12°	•	4.0 mm	724-065-00	724-165-00	Ricketts® 18 – IV. Dimension for the 1st molar

☎ 0483

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



Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46/36-37	- 30°	0°	•	4.0 mm	724-062-00	724-063-00	



Teeth	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

☎ 0483

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



Ortho-Cast 18/22

convertible · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	0°	0°	•	4.0 mm	724-002-00		Ricketts® Universal 18, Standard Edgewise
36-37	0°	0°	•	4.0 mm	724-003-00		Ricketts® Universal 18, Standard Edgewise
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	

☎ 0483

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

NEW



Teeth	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**

€ 0483

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

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

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Ortho-Cast 18/22

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



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm	724-204-00	724-206-00	Roth
26-27	- 14°	14°	•	4.0 mm	724-205-00	724-207-00	Roth

€ 0483

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

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

Ortho-Cast 18/22

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



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	724-242-00		McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-243-00		McLaughlin-Bennett-Trevisi**
17-16	0°	8°	•	4.0 mm	724-004-00	724-104-00	
26-27	0°	8°	•	4.0 mm	724-005-00	724-105-00	
17-16	- 10°	8°	•	4.0 mm	724-028-00	724-030-00	
26-27	- 10°	8°	•	4.0 mm	724-029-00	724-031-00	
17-16	- 10°	15°	•	4.0 mm	724-058-00		
26-27	- 10°	15°	•	4.0 mm	724-059-00		

€ 0483

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

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

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

Banding technique

double combination



Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	724-238-00	724-220-00	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-239-00	724-221-00	McLaughlin-Bennett-Trevisi**



Teeth	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
47-46	- 25°	8°	•	4.0 mm	724-036-00	724-038-00	
36-37	- 25°	8°	•	4.0 mm	724-037-00	724-039-00	

☞ 0483

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

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

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



Ortho 18/22

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

Teeth	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	

☞ 0483

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

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



Ortho 18/22

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

Teeth	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

☞ 0483

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

Slot 22: 0.56 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

NEW

Teeth	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**

€ 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
 Slot 22: 0.56 x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25 · Slot round tube: 1.15 mm / 45 (occlusal)
 ** The Dentaarum version of this prescription is not claimed to be a duplication of any other, nor does Dentaarum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

Ortho-Cast 18/22

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



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm		724-202-00	Roth
26-27	- 14°	14°	•	4.0 mm		724-203-00	Roth

€ 0483

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

Ortho-Cast 18/22

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

NEW

Teeth	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	

€ 0483

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

Teeth	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		

€ 0483

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

Ortho-Cast 18/22

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



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 9°	10°	•	4.0 mm	724-068-00	724-070-00	
26-27	- 9°	10°	•	4.0 mm	724-069-00	724-071-00	

€ 0483

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

Teeth	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	

€ 0483

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

Buccal tubes

Banding technique

triple combination



Ortho-Cast 18/22

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

NEW

Teeth	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

☞ 0483

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



Ortho-Cast 18

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm	724-180-00		Roth
26-27	- 14°	14°	•	4.0 mm	724-181-00		Roth

☞ 0483

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



Ortho-Cast 18/22

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

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	15°	•	4.0 mm	724-008-00		Ricketts® 18 – IV. Dimension for the 1st molar
26-27	0°	15°	•	4.0 mm	724-009-00		Ricketts® 18 – IV. Dimension for the 1st molar
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	
17-16	- 10°	8°	•	4.0 mm		724-162-00	
26-27	- 10°	8°	•	4.0 mm		724-163-00	

☞ 0483

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

Lingual/Palatal sheaths

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

Teeth	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



☞ 0483

Slot: 2 x 0.9 mm / 2 x 36

Lingual/Palatal sheaths

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

Teeth	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



☞ 0483

Slot: 2 x 0.9 mm / 2 x 36

Lingual/Palatal sheaths

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

Teeth	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



☞ 0483

Slot: 2 x 0.9 mm / 2 x 36

Lingual/Palatal sheaths

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

Teeth	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



☞ 0483

Slot: 2 x 0.9 mm / 2 x 36

Lingual/Palatal sheaths

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

Teeth	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



☞ 0483

Slot: 2 x 0.9 mm / 2 x 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.

Teeth	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



☞ 0483

Slot: 2 x 0.9 mm / 2 x 36



Buccal tubes

Prewelded parts



Buttons / 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

CE 0483

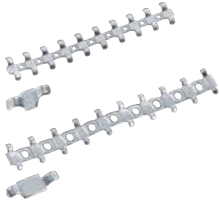


Band seating lugs / Banding technique

For all preformed bands.

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

CE 0483



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

CE 0483



Button hooks / Banding technique

For elastics, ligatures, etc.

Form of delivery	REF	Quantity
single	750-701-00	10 pieces

CE 0483



Hooks with seating lug / Banding technique

For elastics, ligatures, etc.

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

CE 0483

dentaform® Snap

Assortments Page 148

Single packs Page 149

dentaform®

Assortments Page 153

Single packs Page 155

Standard

Assortments Page 163

Single packs Page 167

Accessories

Page 174



FDI System

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

Bands.

Modern band systems for satisfied practitioners 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 the band manufacture, Dentaform places the highest value on the best quality and fit, while using the best materials. All bands are provided with a permanent biocompatible laser-marking for easy preparation even after trying on different band sizes. 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 Dentaaurum brackets, buccal tubes and palatal auxiliaries can be welded to Dentaaurum bands by our welding service. Our competent staff members 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 allow quick and reliable processing, please always use our welding service forms.
- **Personal card for welding service with ordering variant.**
Your personal system 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 through rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- **McLaughlin-Bennett-Trevisi* 18/22** 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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

CE 0483

¹⁾ (16) welded with buccal tube 818-131-10 and double hook 750-602-10

(26) welded with buccal tube 818-131-20 and double hook 750-602-10

²⁾ (16) welded with buccal tube 822-131-10 and double hook 750-602-10

(26) welded with buccal tube 822-131-20 and double hook 750-602-10

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

NEW

Lower first molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

CE 0483

¹⁾ (46) welded with buccal tube 818-151-40 and double hook 750-602-10

(36) welded with buccal tube 818-151-30 and double hook 750-602-10

²⁾ (46) welded with buccal tube 822-151-40 and double hook 750-602-10

(36) welded with buccal tube 822-151-30 and double hook 750-602-10

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

NEW

- 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 through rough interior surface
- McLaughlin-Bennett-Trevisi* 18/22 available 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

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾			
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

CE 0483



¹⁾ welded with buccal tube 818-131-10 and double hook 750-602-10

²⁾ welded with buccal tube 822-131-10 and double hook 750-602-10

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

NEW

Bands

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 through rough interior surface
- **McLaughlin-Bennett-Trevisi* 18/22** available on request

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

Upper 1. molar bands, left

Teeth	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

CE 0483



¹⁾ welded with buccal tube 818-131-20 and double hook 750-602-10

²⁾ welded with buccal tube 822-131-20 and double hook 750-602-10

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

NEW

- 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 through rough interior surface
- McLaughlin-Bennett-Trevisi* 18/22 available on request

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

Lower 1. molar bands, right

Teeth	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

CE 0483



¹⁾ welded with buccal tube 818-151-40 and double hook 750-602-10

²⁾ welded with buccal tube 822-151-40 and double hook 750-602-10

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NEW

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 through rough interior surface
- **McLaughlin-Bennett-Trevisi* 18/22** available 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

Teeth	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

CE 0483



¹⁾ welded with buccal tube 818-151-30 and double hook 750-602-10

²⁾ welded with buccal tube 822-151-30 and double hook 750-602-10

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

NEW

- 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 through rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- **McLaughlin-Bennett-Trevisi* 18/22** available 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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

☞ 0483

¹⁾ (16) welded with buccal tube 818-131-10 and double hook 750-602-10

(26) welded with buccal tube 818-131-20 and double hook 750-602-10

²⁾ (16) welded with buccal tube 822-131-10 and double hook 750-602-10
(26) welded with buccal tube 822-131-20 and double hook 750-602-10

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NEW

Upper second molar bands

Mini

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

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)		
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

☞ 0483

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 through rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- **McLaughlin-Bennett-Trevisi* 18/22** available 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

Teeth	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

Teeth	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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾	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

CE 0483

¹⁾ (46) welded with buccal tube 818-151-40 and double hook 750-602-10

(36) welded with buccal tube 818-151-30 and double hook 750-602-10

²⁾ (46) welded with buccal tube 822-151-40 and double hook 750-602-10
(36) welded with buccal tube 822-151-30 and double hook 750-602-10

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NEW

Lower second molar bands

Mini

Teeth	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

Teeth	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

CE 0483

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
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- secure fit and optimal adhesion through rough interior surface
- McLaughlin-Bennett-Trevisi* 18/22 available 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

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾			
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

CE 0483



¹⁾ welded with buccal tube 818-131-10 and double hook 750-602-10

²⁾ welded with buccal tube 822-131-10 and double hook 750-602-10

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

NEW

Bands

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 through rough interior surface
- **McLaughlin-Bennett-Trevisi* 18/22** available 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

Teeth	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

CE 0483



¹⁾ welded with buccal tube 818-131-20 and double hook 750-602-10
²⁾ welded with buccal tube 822-131-20 and double hook 750-602-10

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- secure fit and optimal adhesion through rough interior surface
- McLaughlin-Bennett-Trevisi* 18/22 available 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, right

Teeth	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

CE 0483

¹⁾ welded with buccal tube 818-151-40 and double hook 750-602-10

²⁾ welded with buccal tube 822-151-40 and double hook 750-602-10

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NEW

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- secure fit and optimal adhesion through rough interior surface
- **McLaughlin-Bennett-Trevisi* 18/22** available 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

Teeth	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

CE 0483



¹⁾ welded with buccal tube 818-151-30 and double hook 750-602-10

²⁾ welded with buccal tube 822-151-30 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.

Upper second molar bands, right

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)			
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

CE 0483



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Bands

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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 second molar bands, left

Teeth	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
27	26	0.18 mm	11.00 mm				887-026-00	10 pieces
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

CE 0483



- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- secure fit and optimal adhesion through rough interior surface

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

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded REF	Quantity
				REF (Roth 18)	REF (Roth 22)			
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

CE 0483



Bands

dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- secure fit and optimal adhesion through rough interior surface

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

Teeth	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

CE 0483



- 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 through rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- **McLaughlin-Bennett-Trevisi* 18/22** available 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

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

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

☞ 0483

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

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

Lower first bicuspid bands

Mini

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

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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

☞ 0483

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 through rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)
- **McLaughlin-Bennett-Trevisi* 18/22** available 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

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

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18) ¹⁾	REF (Roth 22) ²⁾		
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	REF	150 pieces

CE 0483

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

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

Lower first and second bicuspid bands

Mini

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

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)		
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

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)		
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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- universally applicable for right and left halves of the jaw
- secure fit and optimal adhesion through rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)

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

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

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)		
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

CE 0483

Lower first and second molar bands

Mini

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

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth 18)	REF (Roth 22)		
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

CE 0483



Bands

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 through rough interior surface
- delivery in a tray (fits in band cabinet REF 890-414-00)

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

Upper cuspid bands

Mini

Teeth	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

Teeth	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

€ 0483

Lower cuspid bands

Mini

Teeth	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

Teeth	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

€ 0483

Standard bands / Single packs

- 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 through rough interior surface
- **McLaughlin-Bennett-Trevisi* 18/22** available 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, right and left

Teeth	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

CE 0483

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

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



Bands

Standard bands / Single packs

- 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 through rough interior surface
- **McLaughlin-Bennett-Trevisi* 18/22** available on request

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

Lower 1. bicuspid bands, right and left

Teeth	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

CE 0483

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
- 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 through rough interior surface
- **McLaughlin-Bennett-Trevisi* 18/22** available on request

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

Lower 2. bicuspid bands, right and left

Teeth	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

CE 0483

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

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



Bands

Standard bands / Single packs

- universally applicable for right and left halves of the jaw
- secure fit and optimal adhesion through rough interior surface

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

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)			
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

CE 0483



Standard bands / Single packs

- universally applicable for right and left halves of the jaw
- secure fit and optimal adhesion through rough interior surface

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

Lower first and second molar bands, right and left

Teeth	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

CE 0483



Bands

Standard bands / Single packs

- 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 through rough interior surface

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

Upper cuspid bands, right and left

Teeth	Band size	Band thickness	∅ mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)			
13/23	1	0.12 mm	7.10 mm				REF	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

CE 0483



- 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 through rough interior surface

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

Lower cuspid bands, right and left

Teeth	Band size	Band thickness	∅ 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

CE 0483



Accessories



Band material on roll

Soft, upper side highly polished, underside mat.

<input checked="" type="checkbox"/>	Length	REF	Quantity
0.10 x 3.80 mm / 4 x 150	10 m	812-038-00	1 piece
0.12 x 4.55 mm / 5 x 180	10 m	813-045-00	1 piece
0.15 x 4.55 mm / 6 x 180	10 m	814-045-00	1 piece

CE⁰⁴⁸³



Matrix band on roll

Material No.: 1.4310, spring hard.

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

CE⁰⁴⁸³

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 x 27.5 x 25 cm	890-414-00	1 piece

**Trays with lids and inserts**

For band cabinet.

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 890-414-10

1 piece



Head-end framework

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

REF 890-402-00

1 piece



Extension framework

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

REF 890-407-00

1 piece



Base plate

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

REF 890-403-00

1 piece



Adhesives.

For perfect bonding results.



DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com





Our adhesives for your dental practice.

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

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

An alternative to the light-curing adhesive CONTEC Ic is the chemically-curing bracket adhesive ConTec Go!. This is easy to handle, requires little time to process and has a high bond strength.

We recommend SmartBond®, the well-known, trusted wet-bonding adhesive, particularly for areas that are difficult to keep dry, e.g. displaced cuspids.

CONTEC

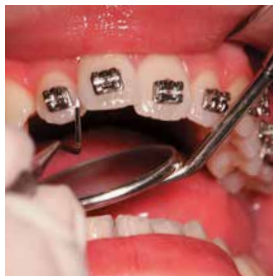
The light-curing adhesives.

ConTec Go!

The ready-to-use, chemically-curing adhesive.

SmartBond®

The wet-bonding adhesive.



Adhesives – areas of application.

	CONTEC Ic	CONTEC Icr	ConTec Go!	SmartBond®
dynamique® c	+++	+	+++	++
dynamique® m	+++	+	+++	++
discovery® sl	+++	+	+++	++
discovery® sl 2.0	+++	+	+++	++
discovery®	+++	+	+++	++
discovery® smart	+++	+	+++	++
discovery® pearl	+++	+	+++	++
discovery® delight	+++	++	+	—
topic	+++	+	+++	++
equilibrium® 2 / ti	+++	+	+++	++
equilibrium® mini	+++	+	+++	++
Elegance®	+++	+	+++	+
Retainer	++	+++	—	—
Buccal tubes	++	+	++	++

- +++ highly suitable
- ++ very suitable
- + suitable with restrictions
- not suitable

Adhesives and accessories



NEW

CONTEC Ic set

Light-curing.

For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.

For approx. 800 brackets (40 treatment cases).

CONTEC plastic primer (REF 163-100-10) must be used to bond plastic brackets.

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

CONTEC Ic, used with plastic brackets, is free of TEGDMA and HEMA.

REF 163-110-00	1 set
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CE 0123

Contents:

3 x CONTEC Ic bracket adhesive, each 3 g	REF 163-111-00
1 x CONTEC Ic/lcr primer, 5 ml	REF 163-113-10
2 x CONTEC etching gel, each 2.5 ml	REF 163-115-00
6 x CONTEC disposal tubes for etching gel	REF 163-119-00
50 x CONTEC disposable brush	REF 163-117-00
1 x CONTEC combination instrument	REF 163-118-00
1 x CONTEC mixing pad	REF 163-116-00



NEW

CONTEC Ic bracket adhesive

Light-curing.

For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.

CONTEC plastic primer (REF 163-100-10) must be used to bond plastic brackets.

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

CONTEC Ic, used with plastic brackets, is free of TEGDMA and HEMA.

REF 163-111-00	2 x 3 g
-----------------------	---------

CE 0123



NEW

CONTEC lcr set

Light-curing.

For bonding of retainers.

For approx. 80 retainers, braided or approx. 250 retainer 3-3.

CONTEC lcr is free of TEGDMA and HEMA.

REF 163-130-00	1 set
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CE 0123

Contents:

2 x CONTEC lcr retainer adhesive, each 3.4 g	REF 163-131-00
1 x CONTEC Ic/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 tubes	REF 163-120-00
6 x CONTEC disposal tubes for etching gel	REF 163-119-00
50 x CONTEC disposable brush	REF 163-117-00
1 x CONTEC combination instrument	REF 163-118-00
1 x CONTEC mixing pad	REF 163-116-00



NEW

CONTEC lcr retainer adhesive

Light-curing.

For bonding retainers.

Without disposable tube.

CONTEC lcr is free of TEGDMA and HEMA.

REF 163-131-00	1 x 3.4 g
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CE 0123

CONTEC Icr disposable tubes

For CONTEC Icr retainer adhesive (REF 163-131-00).

REF 163-120-00	10 pieces
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CE



NEW

CONTEC Ic/Icr primer

Light-curing.

For CONTEC Ic bracket adhesive (REF 163-111-00) and CONTEC Icr retainer adhesive (REF 163-131-00).

REF 163-113-10	1 x 5 ml
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CE 0123



NEW

CONTEC etching gel

35% phosphoric acid

For etching dental enamel.

Suitable for all CONTEC adhesives.

Without disposable tubes.

REF 163-115-00	2 x 2.5 ml
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CE 0123



NEW

CONTEC disposable tubes for etching gel

For etching gel (REF 163-115-00).

REF 163-119-00	10 pieces
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CE



NEW

CONTEC plastic primer

For plastic brackets.

REF 163-100-10	1 x 5 ml
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CE 0123



NEW

Adhesives and accessories



CONTEC combination instrument

Spatula with holder for CONTEC disposable brush
(REF 163-117-00).

REF 163-118-00

5 pieces

CE

NEW



CONTEC disposable brush

REF 163-117-00

50 pieces

CE

NEW



CONTEC mixing pad

Dimensions: 65 mm x 45 mm (L x W)

REF 163-116-00

2 pieces

NEW

ConTec Go! assortment

Chemically-curing.

For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.

For approx. 600 brackets (30 treatment cases).

REF 163-307-00	1 set
CE 0483	Contents:
3 x adhesive, each 2.5 g	REF 163-321-00
1 x activator, 10 ml	REF 163-314-00
2 x etching gel, each 2.5 g	REF 163-312-00
6 x disposable tube for etching gel	REF 163-322-00
50 x disposable brush	REF 163-317-00
1 x brush holder	REF 163-319-00
1 x spatula	REF 163-318-00
1 x mixing pad	REF 163-316-00



ConTec Go! adhesive

Chemically-curing.

For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.

REF 163-321-00	2 x 2.5 g
CE 0483	



ConTec Go! activator

Chemically-curing.

For bonding metal brackets and buccal tubes, ceramic brackets and plastic brackets.

REF 163-314-00	10 ml
CE 0483	



ConTec Go! etching gel

37.5 % Phosphoric acid

To etch the tooth enamel.

To be used with ConTec Go! and SmartBond®.

Without disposable tube.

REF 163-312-00	2 x 2.5 g
CE 0483	



ConTec Go! disposable tube

For etching gel (REF 163-312-00).

REF 163-322-00	10 pieces
CE	



Adhesives and accessories



ConTec Go! disposable brush

REF 163-317-00	50 pieces
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CE



ConTec Go! brush holder

REF 163-319-00	5 pieces
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CE



ConTec Go! spatula

REF 163-318-00	50 pieces
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ConTec Go! mixing pad

Dimensions: 65 mm x 45 mm (L x W)

REF 163-316-00	2 pieces
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SmartBond® mini-kit

For wet-bonding surfaces. Chemically-curing.

Bracket adhesive for metal and plastic brackets.

For approx. 300 brackets (15 treatment cases).

Contents:

- 1 x adhesive, 3 g
- 1 x etching gel, 6 g
- 25 x brush
- 20 x Luer-lock tip
- 1 x mixing pad

REF 163-506-00	1 set
----------------	-------

CE 0402

Adhesive residue remover

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

Use water cooling!

Recommended speed: 5000–max. 10000 min⁻¹

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



CE 0483

Carbide burs

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



CE 0483



Delivery program

Arches / Straight wires / Wires on coils	Page	200
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Fixed appliance technique

Arches

Nickel titanium	Page	208
Thermo-active nickel titanium	Page	216
Stainless steel (NiCr)	Page	220
Cobalt-chrome	Page	222
Nickel-free* stainless steel	Page	223
Nickel-free* titanium molybdenum	Page	224
Glass-fiber reinforced plastic	Page	227
Straight wires	Page	228
Wires on coils	Page	231
Retainer	Page	232
Accessories	Page	234

Removable appliance technique

Straight wires	Page	239
Wires on coils	Page	241
Accessories	Page	243

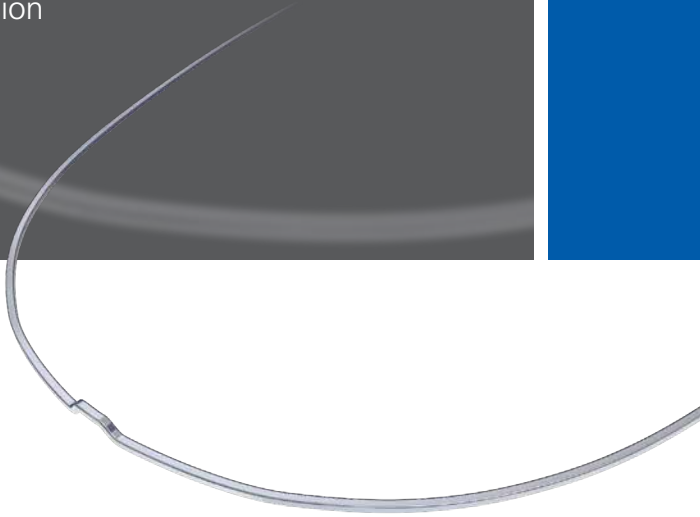
Palatal and lingual arch systems	Page	248
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* see Materials list Orthodontics



Wires | Arches Accessories.

Highest level of precision
for reliable results.



DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com





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 Dentaaurum 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.

Dentaaurum'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 Noninium® or 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® sl / 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® / Noninium® White

Nickel-free* stainless steel.

rematitan® SPECIAL

Titanium molybdenum.

Translucent pearl arches

Glass-fiber reinforced plastic.

* Nickel trace elements of $\leq 0.2\%$ 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	+		+						
rematitan® sl rectangular		+		+	+	+		+	+
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* stainless steel									
Noninium® round				+					
Noninium® rectangular				+	+		+	+	+
Nickel-free* stainless steel (white coated)									
Noninium® White round				+					
Noninium® White rectangular				+	+		+	+	+
Nickel-free titanium molybdenum									
rematitan® SPECIAL round				+					
rematitan® SPECIAL rectangular		+			+		+		+
Glass-fiber reinforced plastic									
Translucent pearl arches round	+		+						

* Nickel trace elements of $\leq 0.2\%$ are due to the process of manufacturing

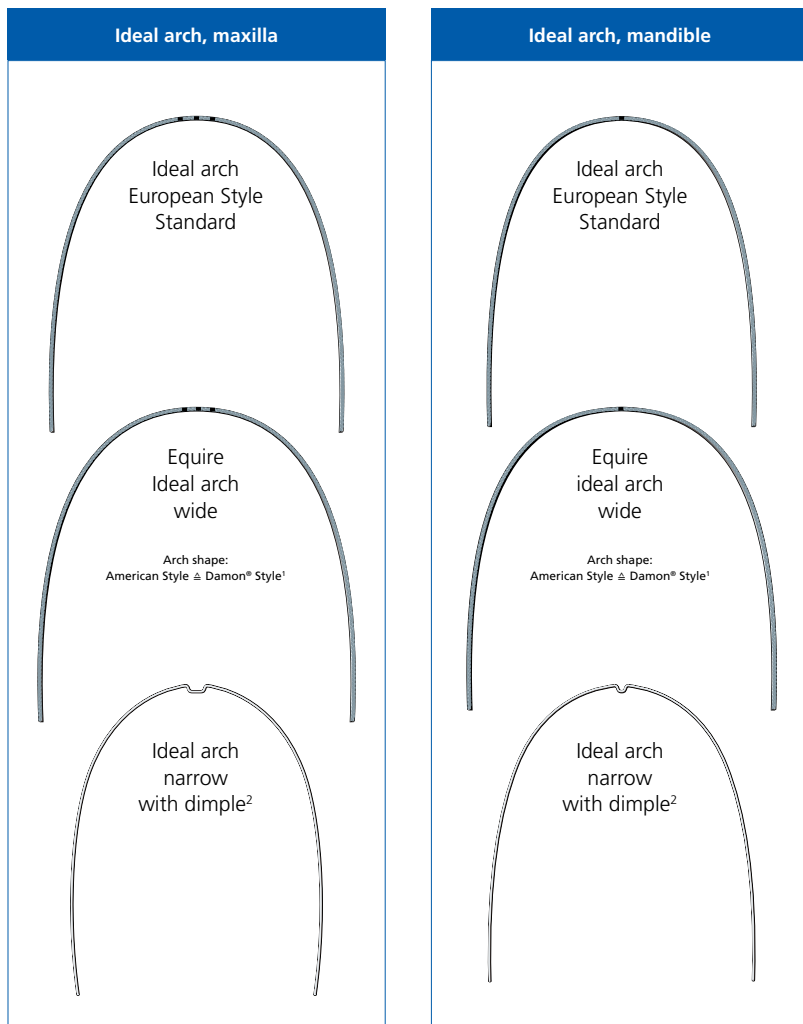
Strength categories.

Strength category	N/mm ²	rematitan® LITE	Tensic®	Equire	dentaflex®	remanium®	remaloy®	Noninium®	rematitan® SPECIAL	Translucent pearl
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	2300 – < 2500					+				
super spring hard 6	2500 – < 2700				+			+		
super elastic 7	-	+	+	+						+

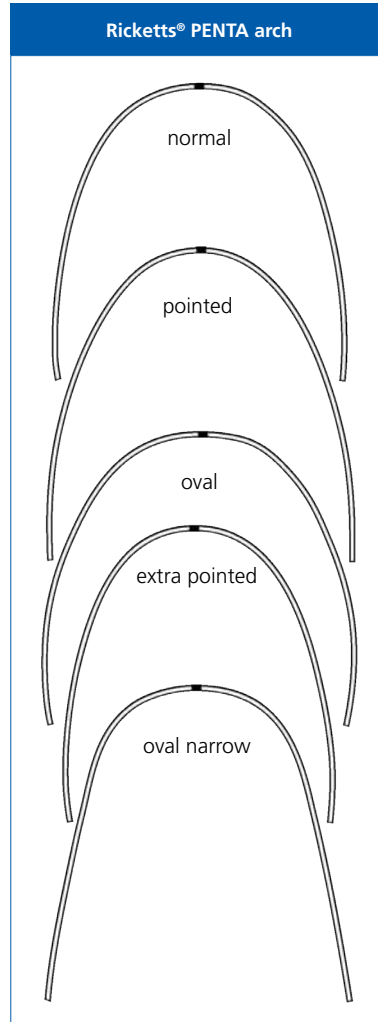
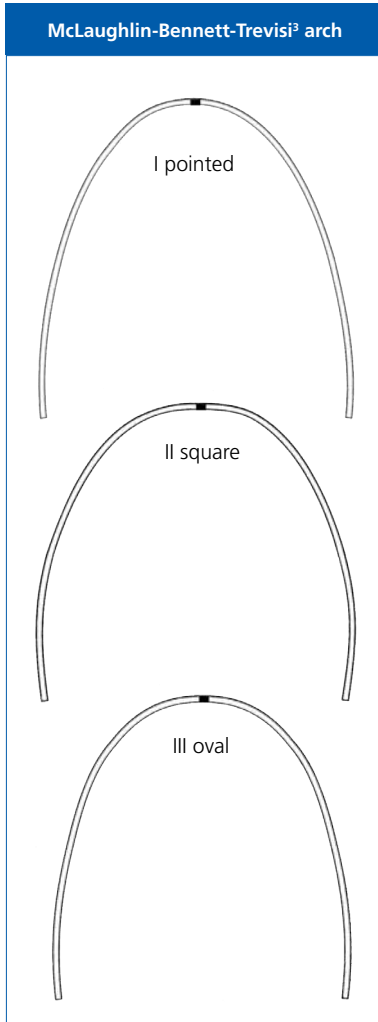


Arch forms in comparison.

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



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



¹ Damon® is a registered trademark of Ormco BV.

² Available only in rematitan® LITE.

³ The Dentaaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaaurum imply that it is endorsed in any way by Drs. McLaughlin, Bennett and Trevisi.

A short 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 stage.

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 \triangle Damon® Style**).

Equire nickel titanium arches are super elastic. Apart from their arch shape they are identical to Tensic® arches and may be used throughout the entire treatment, even when the wire is frequently replaced. Equire arches are easy to form and weld in a martensitic state at room temperature 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

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, co-axial 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 \triangle Damon® Style**).

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* stainless steel.

Noninium® wires and arches are especially designed for patients who are sensitized to nickel as they do not contain nickel*. 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* alloy, and are therefore suitable for patients who are sensitized to nickel. This alloy's module 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

Translucent pearl arches.

A practically invisible arch especially designed for aesthetic treatment with ceramic and plastic brackets. Unlike white coated metal arches, this arch remains aesthetic in appearance permanently. The arch is made of glass-fiber reinforced plastic and has similar treatment characteristics to nickel-titanium arches.

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

* Nickel trace elements of $\leq 0.2\%$ are due to the process of manufacturing

** Damon® is a registered trademark of Ormco BV

Delivery program arches

Nickel titanium, super elastic

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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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® sl ideal arch, round, with dimple

12	766-270-00	766-271-00	10 pieces
14	766-272-00	766-273-00	10 pieces
16	766-274-00	766-275-00	10 pieces
18	766-276-00	766-277-00	10 pieces

rematitan® sl ideal arch, rectangular, with dimple

16 x 16	766-278-00	766-279-00	10 pieces
16 x 22	766-280-00	766-281-00	10 pieces
17 x 25	766-282-00	766-283-00	10 pieces
19 x 25	766-284-00	766-285-00	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

CC 0483

Dimensions	REF	Quantity
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rematitan® LITE arch, arch form I, tapered, 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, sharp, 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 sharp, 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

CE 0483

Thermo-active nickel titanium, super elastic

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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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.

CE 0483

Stainless steel (twisted and braided),
super spring hard

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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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

CE 0483

Stainless steel (twisted and braided), hard plus

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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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

CE 0483

Delivery program arches

Stainless steel (nickel chromium), spring hard plus

Dimensions	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

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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.

CE 0483

Cobalt chromium, hard plus

Dimensions	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

CE 0483

Nickel-free* stainless steel, spring hard plus

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
Noninium® ideal arch, round			
12	764-008-00	764-009-00	10 pieces
14	764-010-00	764-011-00	10 pieces
16	764-012-00	764-013-00	10 pieces
18	764-014-10 ¹⁾	764-015-00	10 pieces

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
Noninium® ideal arch, rectangular			
16 x 16	764-018-00	764-019-00	10 pieces
16 x 22	764-020-00	764-021-00	10 pieces
17 x 25	764-022-00	764-023-00	10 pieces
18 x 18	764-024-00	764-025-00	10 pieces
18 x 25	764-026-00	764-027-00	10 pieces
21 x 25	764-030-00	764-031-00	10 pieces

* Nickel trace elements of ≤ 0.2 % are due to the process of manufacturing
¹⁾ Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

CE 0483

Nickel-free titanium molybdenum, middle plus

Dimensions	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

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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

CE 0483

Nickel titanium (white coated), super elastic

Dimensions	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

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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

CE 0483

**Thermo-active nickel titanium (white coated),
super elastic**

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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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

CE⁰⁴⁸³**Nickel-free* stainless steel (white coated),
spring hard plus**

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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Noninium® White ideal arch, round			
16	768-002-00	768-003-00	3 pieces
18	768-004-00	768-005-00	3 pieces

Noninium® White ideal arch, rectangular			
16 x 16	768-006-00	768-007-00	3 pieces
16 x 22	768-008-00	768-009-00	3 pieces
17 x 25	768-010-00	768-011-00	3 pieces
21 x 25	768-012-00	768-013-00	3 pieces

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

CE⁰⁴⁸³**Glass fiber reinforced plastic**

Dimensions	REF	Quantity
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Translucent ideal arch pearl, round		
18	766-906-00	5 pieces

CE⁰⁴⁸³

Delivery program straight wires

Stainless steel (twisted and braided)

Dimensions	REF	Quantity
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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
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Stainless steel (nickel chromium)

Dimensions	REF	Quantity
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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
0.70 mm / 28	527-004-00	1100 pieces
0.50 mm / 20	535-002-00	25 pieces
0.60 mm / 23	535-003-00	25 pieces
0.70 mm / 28	527-005-00	900 pieces
0.70 mm / 28	527-070-00	25 pieces
0.75 mm / 30	535-005-00	25 pieces
0.80 mm / 31	527-006-00	875 pieces
0.80 mm / 31	527-080-00	25 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

Dimensions	REF	Quantity
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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 x 0.75 mm / 59 x 30	528-155-00	10 pieces
1.75 x 0.90 mm / 69 x 36	528-158-00	10 pieces

remaloy® straight wire, rectangular rounded, hard plus

1.92 x 0.90 mm / 76 x 36	528-159-00	10 pieces
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Delivery program straight wires

Nickel-free* stainless steel

Dimensions	REF	Quantity
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Noninium® straight wire, round, spring hard plus

0.30 mm / 12	764-000-00	10 pieces
0.35 mm / 14	764-001-00	10 pieces
0.40 mm / 16	764-002-00	10 pieces
0.45 mm / 18	764-003-10¹⁾	10 pieces

Noninium® straight wire, rectangular, spring hard plus

17 x 25	764-006-00	10 pieces
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* Nickel trace elements of ≤ 0.2 % are due to the process of manufacturing

¹⁾ Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



Nickel-free titanium molybdenum

Dimensions	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

Dimensions	REF	Quantity
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Titanium retainer wire, 3-strand twisted, grade 1, 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, grade 5, round

0.44 mm / 17	528-001-00	10 pieces
0.50 mm / 20	528-000-00	10 pieces



Gold

Dimensions	REF	Quantity
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Gold retainer, 3-strand twisted, round

0.50 mm / 20	529-000-00	1 piece
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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 x 0.41 mm
16 x 22	rectangular	0.41 x 0.56 mm
17 x 22	rectangular	0.43 x 0.56 mm
17 x 25	rectangular	0.43 x 0.64 mm
18 x 25	rectangular	0.46 x 0.64 mm
19 x 25	rectangular	0.48 x 0.64 mm
21 x 25	rectangular	0.53 x 0.64 mm
21.5 x 25	rectangular	0.55 x 0.64 mm
21.5 x 28	rectangular	0.55 x 0.70 mm

Delivery program wires on coils

Nickel titanium

Dimensions	REF	Quantity
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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

CE 0483

Stainless steel (twisted and braided)

Dimensions	REF	Quantity
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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

CE 0483

Stainless steel (nickel chromium)

Dimensions	REF	Quantity
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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 x 0.65 mm / 51 x 26	308-513-00	10 m
1.50 x 0.75 mm / 59 x 30	308-515-00	10 m
1.75 x 0.90 mm / 69 x 36	308-518-00	10 m
2.00 x 1.00 mm / 79 x 40	308-520-00	10 m

remanium® clinical coil, half-round, hard

1.30 x 0.65 mm / 51 x 26	308-713-00	90 m
1.50 x 0.75 mm / 59 x 30	308-715-00	65 m
1.75 x 0.90 mm / 69 x 36	308-718-00	50 m

remanium® wire on coils, oval, hard

2.40 x 1.40 mm / 95 x 55	385-624-00	10 m
3.00 x 1.50 mm / 118 x 59	385-630-00	10 m

CE 0483

Nickel-free* stainless steel

Dimensions	REF	Quantity
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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 $\leq 0.05\%$ are due to the process of manufacturing

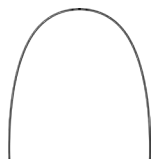


Titanium

Dimensions	REF	Quantity
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Titanium retainer wire, 3-strand twisted, grade 1, round		
0.50 mm / 20	528-000-02	2 m





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

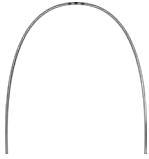


Mid-line marking: Mandibular 1 dot

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

CE 0483

NEW



rematitan® LITE ideal arch, rectangular

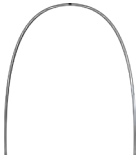
Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: Maxillary 3 dots

☒	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-088-00	10 pieces
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-088-01	50 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-090-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-090-01	50 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-092-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	768-102-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	768-102-01	50 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	768-104-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	768-104-01	50 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	768-106-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	768-106-01	50 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-108-00	10 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-108-01	50 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-110-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-110-01	50 pieces

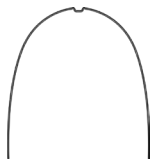
Mid-line marking: Mandibular 1 dot



☒	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-089-00	10 pieces
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-089-01	50 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-091-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-091-01	50 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-093-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	768-103-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	768-103-01	50 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	768-105-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	768-105-01	50 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	768-107-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	768-107-01	50 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-109-00	10 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-109-01	50 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-111-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-111-01	50 pieces

CE 0483





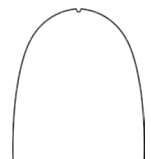
rematitan® LITE ideal arch, round

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

CE 0483

NEW



rematitan® LITE ideal arch, rectangular

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: with dimple

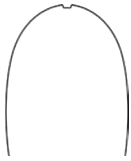
∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-068-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-070-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-072-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-074-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-076-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-078-00	10 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-114-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-086-00	10 pieces



∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-069-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-071-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-073-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-075-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-077-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-079-00	10 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-115-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-087-00	10 pieces

CE 0483

NEW



rematitan® LITE ideal arch, round

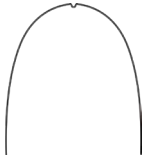
For narrow jaws. Narrow arch form.

Strength category: super elastic

Color-coded packaging: orange

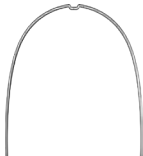
Mid-line marking: with dimple

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

CE 0483



rematitan® LITE ideal arch, rectangular

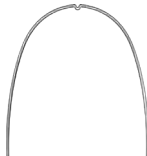
For narrow jaws. Narrow arch form.

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: with dimple

∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-168-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-170-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-172-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-174-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-176-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-178-00	10 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-118-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-120-00	10 pieces



∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-169-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-171-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-173-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-175-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-177-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-179-00	10 pieces
0.51 x 0.51 mm / 20 x 20		0.64 mm	768-119-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-121-00	10 pieces

CE 0483





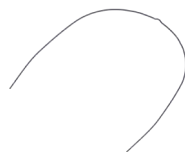
rematitan® sl ideal arch, round

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: with dimple

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			766-270-00	10 pieces
0.35 mm / 14			766-272-00	10 pieces
0.40 mm / 16			766-274-00	10 pieces
0.45 mm / 18			766-276-00	10 pieces



ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			766-271-00	10 pieces
0.35 mm / 14			766-273-00	10 pieces
0.40 mm / 16			766-275-00	10 pieces
0.45 mm / 18			766-277-00	10 pieces

CE 0483



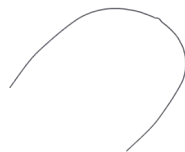
rematitan® sl ideal arch, rectangular

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: with dimple

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			766-278-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-280-00	10 pieces
0.43 x 0.64 mm / 17 x 25			766-282-00	10 pieces
0.48 x 0.64 mm / 19 x 25			766-284-00	10 pieces



∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			766-279-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-281-00	10 pieces
0.43 x 0.64 mm / 17 x 25			766-283-00	10 pieces
0.48 x 0.64 mm / 19 x 25			766-285-00	10 pieces

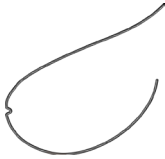
CE 0483



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

CE 0483



rematitan® LITE Spee® retraction arch, rectangular

Strength category: super elastic
Mid-line marking: with dimple

∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-054-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-056-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-032-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-034-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-036-00	10 pieces



∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-055-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-057-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-033-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-037-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-039-00	10 pieces

CE 0483





**rematitan® LITE arch, arch form I, tapered
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 x 0.41 mm / 16 x 16		0.54 mm	766-180-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-181-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-182-00	10 pieces

CE 0483

** The Dentaaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaaurum 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 x 0.41 mm / 16 x 16		0.54 mm	766-183-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-184-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-185-00	10 pieces

CE 0483

** The Dentaaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaaurum 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 x 0.41 mm / 16 x 16		0.54 mm	766-186-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-187-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-188-00	10 pieces

CE 0483

** The Dentaaurum version of this prescription is not claimed to be a duplication of any other, nor does Dentaaurum 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 x 0.41 mm / 16 x 16		0.54 mm	766-250-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-251-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-252-00	10 pieces

CE 0483



rematitan® LITE Ricketts® PENTA arch, sharp

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: Maxillary/Mandibular 1 dot, etched

Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	766-253-00	10 pieces
0.41 x 0.56 mm / 16 x 22	0.62 mm	766-254-00	10 pieces
0.43 x 0.64 mm / 17 x 25	0.70 mm	766-255-00	10 pieces

CE 0483



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 x 0.41 mm / 16 x 16	0.54 mm	766-256-00	10 pieces
0.41 x 0.56 mm / 16 x 22	0.62 mm	766-257-00	10 pieces
0.43 x 0.64 mm / 17 x 25	0.70 mm	766-258-00	10 pieces

CE 0483



rematitan® LITE Ricketts® PENTA arch, extra sharp

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: Maxillary/Mandibular 1 dot, etched

Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	766-259-00	10 pieces
0.41 x 0.56 mm / 16 x 22	0.62 mm	766-260-00	10 pieces
0.43 x 0.64 mm / 17 x 25	0.70 mm	766-261-00	10 pieces

CE 0483



rematitan® LITE Ricketts® PENTA arch, oval narrow

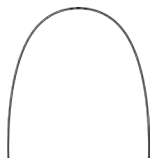
Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: Maxillary/Mandibular 1 dot, etched

Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	0.54 mm	766-262-00	10 pieces
0.41 x 0.56 mm / 16 x 22	0.62 mm	766-263-00	10 pieces
0.43 x 0.64 mm / 17 x 25	0.70 mm	766-264-00	10 pieces

CE 0483



Tensic® ideal arch, round

Strength category: super elastic

Color-coded packaging: orange

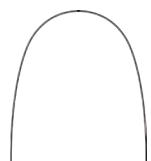
Mid-line marking: Maxillary 3 dots

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

CE 0483



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 x 0.41 mm / 16 x 16		0.54 mm	766-710-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-712-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-714-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-716-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-718-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-720-00	10 pieces

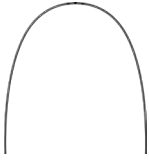
Mid-line marking: Mandibular 1 dot

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-711-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-713-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-715-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-717-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-719-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-721-00	10 pieces

CE 0483



Thermo-active nickel titanium



Equire thermo-active, preformed ideal arch, round

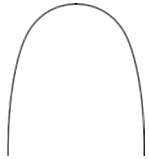
Arch form: American Style $\hat{=}$ Damon Style*

Strength category: super elastic

Mid-line marking: Maxillary 3 dots, etched

\varnothing	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



\varnothing	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

CE 0483

*Damon® is a registered trademark of Ormco BV



Equire thermo-active, preformed ideal arch, rectangular

Arch form: American Style $\hat{=}$ Damon Style*

Strength category: super elastic

Mid-line marking: Maxillary 3 dots, etched

\square	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-808-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-810-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-812-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-814-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-816-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-818-00	10 pieces

Mid-line marking: Mandibular 1 dot, etched



\square	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-809-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-811-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-813-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-815-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-817-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-819-00	10 pieces

CE 0483

*Damon® is a registered trademark of Ormco BV





dentaflex® ideal arch, round, 3-strand twisted

Strength category: super spring hard · 2500–2700 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

CE 0483



dentaflex® ideal arch, rectangular, 3-strand twisted

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

Color-coded packaging: red

Mid-line marking: Maxillary 3 dots

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-130-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-132-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-132-01	50 pieces

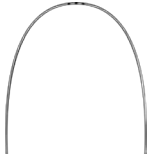
Mid-line marking: Mandibular 1 dot

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-131-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-133-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-133-01	50 pieces

CE 0483



Stainless steel (twisted and braided)



dentaflex® ideal arch, rectangular, 8-strand braided

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

Color-coded packaging: red

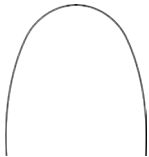
Mid-line marking: Maxillary 3 dots

☒	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-100-00	10 pieces
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-100-01	50 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-101-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-101-01	50 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-103-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-104-00	10 pieces
0.48 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 x 0.41 mm / 16 x 16		0.54 mm	766-200-00	10 pieces
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-200-01	50 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-201-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-201-01	50 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-203-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-204-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-205-00	10 pieces

CE 0483



dentaflex® ideal arch, round, 6-strand co-axial

Strength category: hard plus · 1600–1800 N/mm²

Color-coded packaging: red

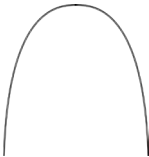
Mid-line marking: Maxillary 3 dots

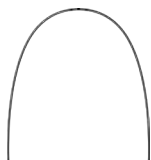
∅	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			766-300-00	10 pieces
0.38 mm / 15			766-300-01	50 pieces
0.45 mm / 18			766-301-00	10 pieces
0.45 mm / 18			766-301-01	50 pieces

Mid-line marking: Mandibular 1 dot

∅	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

CE 0483





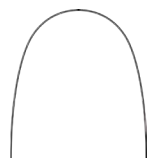
remanium® ideal arch, round

Strength category: spring hard plus · 2000–2300 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

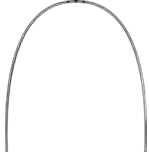


Mid-line marking: Mandibular 1 dot

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

CE 0483

Stainless steel (nickel chromium)



remanium® ideal arch, rectangular

Strength category: spring hard plus · 2000–2300 N/mm²

Color-coded packaging: red

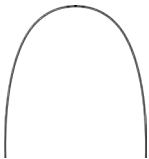
Mid-line marking: Maxillary 3 dots

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	767-100-00	10 pieces
0.41 x 0.41 mm / 16 x 16		0.54 mm	767-100-01	50 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	767-101-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	767-101-01	50 pieces
0.43 x 0.56 mm / 17 x 22		0.64 mm	767-102-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	767-103-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	767-103-01	50 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	767-104-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	767-105-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	767-105-01	50 pieces
0.55 x 0.64 mm / 21.5 x 25		0.76 mm	767-106-00	10 pieces
0.55 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 x 0.41 mm / 16 x 16		0.54 mm	767-200-00	10 pieces
0.41 x 0.41 mm / 16 x 16		0.54 mm	767-200-01	50 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	767-201-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	767-201-01	50 pieces
0.43 x 0.56 mm / 17 x 22		0.64 mm	767-202-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	767-203-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	767-203-01	50 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	767-204-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	767-205-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	767-205-01	50 pieces
0.55 x 0.64 mm / 21.5 x 25		0.76 mm	767-206-00	10 pieces
0.55 x 0.70 mm / 21.5 x 28		0.81 mm	767-207-00	10 pieces

CE 0483



Equire preformed ideal arch, round

Arch form: American Style ≙ Damon Style*

Strength category: spring hard plus · 2000–2300 N/mm²

Mid-line marking: Maxillary 3 dots, etched

∅	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

∅	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

CE 0483

*Damon® is a registered trademark of Ormco BV



Equire preformed ideal arch, rectangular

Arch form: American Style $\hat{=}$ Damon Style*

Strength category: spring hard plus · 2000–2300 N/mm²

Mid-line marking: Maxillary 3 dots, etched

∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	769-008-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	769-010-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	769-012-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	769-014-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	769-016-00	10 pieces
0.53 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 x 0.41 mm / 16 x 16		0.54 mm	769-009-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	769-011-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	769-013-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	769-015-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	769-017-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	769-019-00	10 pieces

CE 0483

*Damon® is a registered trademark of Ormco BV



remaloy® ideal arch, rectangular

Strength category: hard plus · 1600–1800 N/mm²

Color-coded packaging: blue

Mid-line marking: Maxillary 3 dots

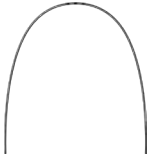
∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	769-100-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	769-101-00	10 pieces

Mid-line marking: Mandibular 1 dot

∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	769-200-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	769-201-00	10 pieces

CE 0483





Noninium® ideal arch, round

Strength category: spring hard plus · 2000–2300 N/mm²

Color-coded packaging: green

Mid-line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			764-008-00	10 pieces
0.35 mm / 14			764-010-00	10 pieces
0.40 mm / 16			764-012-00	10 pieces
0.45 mm / 18			764-014-10 ¹⁾	10 pieces

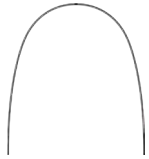
Mid-line marking: Mandibular 1 dot

ø	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			764-009-00	10 pieces
0.35 mm / 14			764-011-00	10 pieces
0.40 mm / 16			764-013-00	10 pieces
0.45 mm / 18			764-015-00	10 pieces

CE 0483

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

¹⁾ Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



Noninium® ideal arch, rectangular

Strength category: spring hard plus · 2000–2300 N/mm²

Color-coded packaging: green

Mid-line marking: Maxillary 3 dots

∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	764-018-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	764-020-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	764-022-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	764-024-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	764-026-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	764-030-00	10 pieces

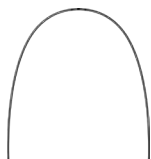
Mid-line marking: Mandibular 1 dot

∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	764-019-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	764-021-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	764-023-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	764-025-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	764-027-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	764-031-00	10 pieces

CE 0483

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





rematitan® SPECIAL ideal arch, round

Strength category: middle plus · 1100–1400 N/mm²

Color-coded packaging: yellow

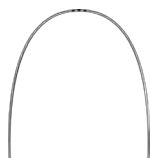
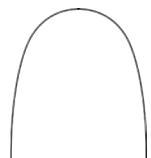
Mid-line marking: Maxillary 3 dots

∅	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

∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			766-606-00	10 pieces
0.45 mm / 18			766-608-00	10 pieces

CE 0483



rematitan® SPECIAL ideal arch, rectangular

Strength category: middle plus · 1100–1400 N/mm²

Color-coded packaging: yellow

Mid-line marking: Maxillary 3 dots

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-631-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-609-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-611-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-613-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-615-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-617-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-619-00	10 pieces

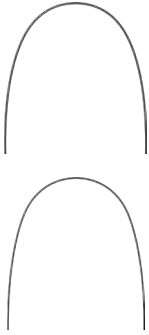
Mid-line marking: Mandibular 1 dot

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	766-632-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-610-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-612-00	10 pieces
0.46 x 0.46 mm / 18 x 18		0.59 mm	766-614-00	10 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	766-616-00	10 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	766-618-00	10 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-620-00	10 pieces

CE 0483



Nickel titanium (white coated)



rematitan® LITE White ideal arch, round

Strength category: super elastic

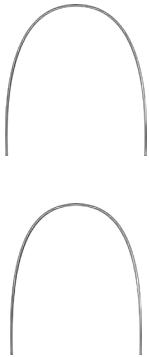
Color-coded packaging: orange

Mid-line marking: none

∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-014-00	3 pieces
0.45 mm / 18			768-016-00	3 pieces

∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-015-00	3 pieces
0.45 mm / 18			768-017-00	3 pieces

CE 0483



rematitan® LITE White ideal arch, rectangular

Strength category: super elastic

Color-coded packaging: orange

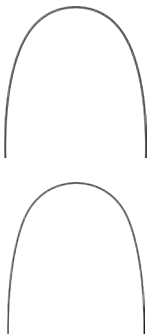
Mid-line marking: none

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	768-018-00	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	768-020-00	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	768-022-00	3 pieces

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	768-019-00	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	768-021-00	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	768-023-00	3 pieces

CE 0483

Thermo-active nickel titanium (white coated)



Tensic® White ideal arch, round

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: none

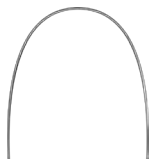
∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-026-00	3 pieces
0.45 mm / 18			768-028-00	3 pieces

∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-027-00	3 pieces
0.45 mm / 18			768-029-00	3 pieces

CE 0483

Fixed appliance technique / Arches

Thermo-active nickel titanium (white coated)



Tensic® White ideal arch, rectangular

Strength category: super elastic

Color-coded packaging: orange

Mid-line marking: none

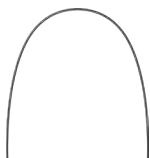
∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	768-030-00	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	768-032-00	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	768-034-00	3 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	768-038-00	3 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	768-040-00	3 pieces



∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	768-031-00	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	768-033-00	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	768-035-00	3 pieces
0.46 x 0.64 mm / 18 x 25		0.71 mm	768-039-00	3 pieces
0.48 x 0.64 mm / 19 x 25		0.73 mm	768-041-00	3 pieces

CE 0483

Nickel-free* stainless steel (white coated)



Noninium® White ideal arch, round

Strength category: spring hard plus · 2000–2300 N/mm²

Color-coded packaging: green

Mid-line marking: none

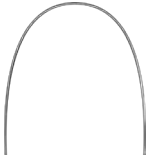
∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-002-00	3 pieces
0.45 mm / 18			768-004-00	3 pieces

∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-003-00	3 pieces
0.45 mm / 18			768-005-00	3 pieces

CE 0483

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

Nickel-free* stainless steel (white coated)



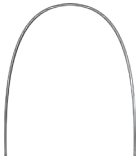
Noninium® White ideal arch, rectangular

Strength category: spring hard plus · 2000–2300 N/mm²

Color-coded packaging: green

Mid-line marking: none

☑	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	768-006-00	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	768-008-00	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	768-010-00	3 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-012-00	3 pieces

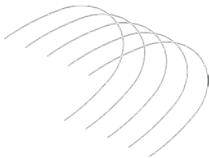


☑	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	768-007-00	3 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	768-009-00	3 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	768-011-00	3 pieces
0.53 x 0.64 mm / 21 x 25		0.76 mm	768-013-00	3 pieces

CE 0483

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

Glass fiber reinforced plastic



Translucent ideal arch pearl, round

Mid-line marking: none

ø	Length	Diagonal M.	REF	Quantity
0.45 mm / 18			766-906-00	5 pieces

CE 0483

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Fixed appliance technique / Straight wires

Stainless steel (twisted and braided)



dentaflex® straight wire, round, 3-strand twisted

Strength category: super spring hard · 2500–2700 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

CE 0483



dentaflex® straight wire, round, 6-strand co-axial

Strength category: hard plus · 1600–1800 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

CE 0483

Stainless steel (nickel chromium)



remanium® straight wire, round

Strength category: extra spring hard · 2300–2500 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

CE 0483



remanium® straight wire, rectangular

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

Color-coded packaging: red

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	537-340-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	537-310-00	10 pieces
0.43 x 0.56 mm / 17 x 22	each 380 mm	0.64 mm	537-311-00	10 pieces
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	537-313-00	10 pieces
0.46 x 0.64 mm / 18 x 25	each 380 mm	0.71 mm	537-314-00	10 pieces
0.48 x 0.48 mm / 19 x 19	each 380 mm	0.62 mm	535-048-00	25 pieces
0.51 x 0.51 mm / 20 x 20	each 380 mm	0.64 mm	535-051-00	25 pieces
0.55 x 0.70 mm / 21.5 x 28	each 380 mm	0.81 mm	537-324-00	10 pieces

CE 0483

Stainless steel (nickel chromium)



remanium® straight wire, rectangular

Strength category: spring hard plus · 2000–2300 N/mm²
Color-coded packaging: red

□	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	537-440-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	537-410-00	10 pieces
0.43 x 0.56 mm / 17 x 22	each 380 mm	0.64 mm	537-411-00	10 pieces
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	537-413-00	10 pieces
0.46 x 0.64 mm / 18 x 25	each 380 mm	0.71 mm	537-414-00	10 pieces
0.55 x 0.64 mm / 21.5 x 25	each 380 mm	0.76 mm	537-423-00	10 pieces
0.55 x 0.70 mm / 21.5 x 28	each 380 mm	0.81 mm	537-424-00	10 pieces

CE 0483

CoCr



remaloy® straight wire, rectangular

Strength category: hard plus · 1600–1800 N/mm²
Color-coded packaging: blue

□	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	each 380 mm	0.54 mm	537-540-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	537-510-00	10 pieces

CE 0483

Nickel-free* stainless steel



Noninium® straight wire, round

Strength category: spring hard plus · 2000–2300 N/mm²
Color-coded packaging: green

∅	Length	Diagonal M.	REF	Quantity
0.30 mm / 12	each 380 mm		764-000-00	10 pieces
0.35 mm / 14	each 380 mm		764-001-00	10 pieces
0.40 mm / 16	each 380 mm		764-002-00	10 pieces
0.45 mm / 18	each 380 mm		764-003-10¹⁾	10 pieces

CE 0483

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

¹⁾ Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



Noninium® straight wire, rectangular

Strength category: spring hard plus · 2000–2300 N/mm²
Color-coded packaging: green

□	Length	Diagonal M.	REF	Quantity
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	764-006-00	10 pieces

CE 0483

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

Fixed appliance technique / Straight wires

Nickel-free titanium molybdenum



rematitan® SPECIAL straight wire, round

Strength category: middle plus · 1100–1400 N/mm²

Color-coded packaging: yellow

∅	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

CE 0483



rematitan® SPECIAL straight wire, rectangular

Strength category: middle plus · 1100–1400 N/mm²

Color-coded packaging: yellow

∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16	each 360 mm	0.54 mm	766-633-00	10 pieces
0.41 x 0.56 mm / 16 x 22	each 380 mm	0.62 mm	766-602-00	10 pieces
0.43 x 0.64 mm / 17 x 25	each 380 mm	0.70 mm	766-603-00	10 pieces
0.48 x 0.64 mm / 19 x 25	each 380 mm	0.73 mm	766-604-00	10 pieces

CE 0483

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

CE 0483

Stainless steel (twisted and braided)



dentaflex® wire on coils, round, 3-strand twisted

Strength category: super spring hard · 2500–2700 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

CE 0483



dentaflex® wire on coils, round, 6-strand co-axial

Strength category: super spring hard · 2500–2700 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

CE 0483

Stainless steel (nickel chromium)



remanium® wire on coils, round

Strength category: extra spring hard · 2300–2500 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

CE 0483



Fixed appliance technique / Retainer wires

Stainless steel (nickel chromium)



rematain® flat retainer wire

For maxillary and mandibular, 6-strand braided
Easy to adapt, very flat for high level of patient comfort

□	Length	Diagonal M.	REF	Quantity
0.25 x 0.73 mm / 10 x 29	150 mm	0.77 mm	530-000-00	10 pieces

CE 0483

Titanium



Titanium retainer wire, grade 1

For maxillary and mandibular, 3-strand twisted
Grade 1 indicates a very low oxygen content, relative degree of softness and easy adaptation when cold.

∅	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

CE 0483



Titanium retainer wire, grade 5

For maxillary and mandibular, 3-strand twisted
Grade 5 indicates a very high mechanical strength.

∅	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

CE 0483



Titanium retainer wire, grade 1

For maxillary and mandibular, 3-strand twisted
Grade 1 indicates a very low oxygen content, relative degree of softness and easy adaptation when cold.

∅	Length	Diagonal M.	REF	Quantity
0.50 mm / 20	2 m		528-000-02	1 piece

CE 0483

Gold



Gold retainer

For maxillary and mandibular, 3-strand twisted

∅	Length	Diagonal M.	REF	Quantity
0.50 mm / 20	160 mm		529-000-00	1 piece

CE 0483

Fixed appliance technique / Retainer wires

remanium® lingual retainer assortment

For lower cuspids 3-3, anatomically preformed.

1 assortment = 20 pieces

Material: Stainless steel

∅ 0.80 mm / 32

REF 728-500-00	1 assortment
CE 0483	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

∅	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

CE 0483



Titanium lingual retainer

acc. to Kimmich

For lower cuspids 3-3, anatomically preformed.

The stated length conforms with the transverse distance of both lower cuspids.

Material: Titanium

∅	Length	REF	Quantity
0.50 x 0.90 mm / 20 x 36	22 mm	728-506-01	1 piece
0.50 x 0.90 mm / 20 x 36	26 mm	728-508-01	1 piece
0.50 x 0.90 mm / 20 x 36	28 mm	728-509-01	1 piece
0.50 x 0.90 mm / 20 x 36	30 mm	728-510-01	1 piece

CE 0483



D.D retainer 3D maxilla*

Unique fit using three-dimensional construction design and highest biocompatibility: milled retainer in titanium grade 5.

REF 430-120-10	1 piece
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CE 0483

NEW



D.D retainer 3D mandible*

Unique fit using three-dimensional construction design and highest biocompatibility: milled retainer in titanium grade 5.

REF 430-120-20	1 piece
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CE 0483

NEW

Product may differ slightly from illustration



Fixed appliance technique / Accessories



remanium® ligature wire

Material: stainless steel

Strength category: soft · $\leq 800 \text{ N/mm}^2$

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

CE 0483



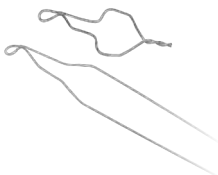
remanium® preformed ligatures

Material: Stainless steel

Strength category: soft · $\leq 800 \text{ N/mm}^2$

Version	ø	REF	Quantity
short	0.25 mm / 10	751-000-00	1000 pieces
long	0.25 mm / 10	751-001-00	1000 pieces

CE 0483



remanium® Kobayashi ligatures

With hook for elastics.

Material: Stainless steel

Strength category: soft · $\leq 800 \text{ N/mm}^2$

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

CE 0483

NEW



Ligatures White, short

Material: Stainless steel

Strength category: soft · $\leq 800 \text{ N/mm}^2$

ø	REF	Quantity
0.30 mm / 12	768-036-00	100 pieces

CE 0483

Kobayashi White ligatures, short

With hook for elastics.

Material: Stainless steel

Strength category: soft · ≤ 800 N/mm²



∅	REF	Quantity
0.40 mm / 16	768-037-00	20 pieces

CE 0483

remanium® tension spring

Material: Stainless steel

Outer ∅	Inner ∅	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



CE 0483

rematitan® LITE tension springs

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 ∅	Inner ∅	Length with eyelets	Wire strength ∅	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

CE 0483



Fixed appliance technique / Accessories



Cuspid retraction springs

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

CE 0483



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

CE 0483

rematitan® LITE compression springs

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	middle	758-361-00	3 pieces
1.00 mm / 40	18 cm	0.30 mm / 12	middle	758-368-00	3 pieces
0.90 mm / 36	18 cm	0.35 mm / 14	heavy	758-362-00	3 pieces

CE 0483



NEW

Jaw fracture splint

With hooks.

Material: Stainless steel

REF 402-253-00	1 m
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CE 0483



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



CE 0483

Sliding tubes, rectangular

Slotted with hook. Can be placed directly on the archwire and crimped in place.

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



CE 0483

Sliding tubes, rectangular

Slotted with wire \square 0.70 mm spring hard.

Can be placed directly on the archwire and crimped in place. 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



CE 0483

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
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CE



Fixed appliance technique / Accessories



Cross tube

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering. Ideal for stainless steel or titanium connections.

Horizontal tube:

Overall length: 4.0 mm
Inner \varnothing 0.46 x 0.64 mm / 18 x 25

Vertical tube:

Overall length: 2.0 mm
Inner \varnothing 0.56 x 0.70 mm / 22 x 28
Material: Stainless steel

REF 480-000-00	10 pieces
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CE 0483



Cross tube

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering. Ideal for stainless steel or titanium connections.

Horizontal tube:

Overall length: 4.0 mm
Inner \varnothing : 0.56 x 0.70 mm / 22 x 28

Vertical tube:

Overall length: 2.0 mm
Inner \varnothing : 0.56 x 0.70 mm / 22 x 28
Material: Stainless steel

REF 480-100-00	10 pieces
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CE 0483



Rectangular tube

For use with suprastructures in orthodontic implantology for holding wires and springs. Material: Stainless steel

Inner \varnothing	Length	REF	Quantity
0.56 x 0.70 mm / 22 x 28	5 mm	480-022-00	10 pieces

CE 0483



Stop tubes, slotted

Prevents slipping within the bracket buccal tube assembly with nickel titanium arches or as stop for compression springs.

Material: Stainless steel

\varnothing	REF	Quantity
0.46 x 0.64 mm / 18 x 25	480-617-01	100 pieces
0.56 x 0.70 mm / 22 x 28	480-618-01	100 pieces

CE 0483



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
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Stainless steel (nickel chromium)



remanium® straight wire, round

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

Color-coded packaging: red

∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16	each 380 mm		525-040-00	25 pieces
0.70 mm / 28	each 150 mm		527-004-00	1100 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 190 mm		527-005-00	900 pieces
0.70 mm / 28	each 300 mm		527-070-00	25 pieces
0.75 mm / 30	each 380 mm		535-005-00	25 pieces
0.80 mm / 31	each 150 mm		527-006-00	875 pieces
0.80 mm / 31	each 300 mm		527-080-00	25 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

CE 0483

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 · 1400–1600 N/mm²

Color-coded packaging: blue

∅	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

CE 0483



remaloy® straight wire, half-round

Can be heat treated · 450 °C / 842 °F for about 5 min

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

Color-coded packaging: blue

∅	Length	Diagonal M.	REF	Quantity
1.50 x 0.75 mm / 59 x 30	each 380 mm		528-155-00	10 pieces
1.75 x 0.90 mm / 69 x 36	each 380 mm		528-158-00	10 pieces

CE 0483



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 · 1600–1800 N/mm²

Color-coded packaging: blue

ø	Length	Diagonal M.	REF	Quantity
1.92 x 0.90 mm / 76 x 36	each 380 mm		528-159-00	10 pieces

CE 0483

Stainless steel (nickel chromium)



remanium® laboratory coil, round

Strength category: hard · 1400–1600 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

CE 0483



remanium® clinical coil, round

Strength category: hard · 1400–1600 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

CE 0483



remanium® laboratory coil, round

Strength category: spring hard · 1800–2000 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

CE 0483



remanium® clinical coil, round

Strength category: spring hard · 1800–2000 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

CE 0483

Removable appliance technique / Wires on coils

Stainless steel (nickel chromium)



remanium® wire on coils, half-round

Strength category: hard · 1400–1600 N/mm²

∅	Length	Diagonal M.	REF	Quantity
1.30 x 0.65 mm / 51 x 26	10 m		308-513-00	1 piece
1.50 x 0.75 mm / 59 x 30	10 m		308-515-00	1 piece
1.75 x 0.90 mm / 69 x 36	10 m		308-518-00	1 piece
2.00 x 1.00 mm / 79 x 40	10 m		308-520-00	1 piece

CE 0483



remanium® clinical coil, half-round

Strength category: hard · 1400–1600 N/mm²

∅	Length	Diagonal M.	REF	Quantity
1.30 x 0.65 mm / 51 x 26	90 m		308-713-00	1 piece
1.50 x 0.75 mm / 59 x 30	65 m		308-715-00	1 piece
1.75 x 0.90 mm / 69 x 36	50 m		308-718-00	1 piece

CE 0483



remanium® wire on coils, oval

Strength category: hard · 1400–1600 N/mm²

∅	Length	Diagonal M.	REF	Quantity
2.40 x 1.40 mm / 95 x 55	10 m		385-624-00	1 piece
3.00 x 1.50 mm / 118 x 59	10 m		385-630-00	1 piece

CE 0483

Nickel-free* stainless steel



Noninium® wire on coils, round

Strength category: hard · 1400–1600 N/mm²

∅	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

CE 0483

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



Noninium® wire on coils, round

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

∅	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

CE 0483

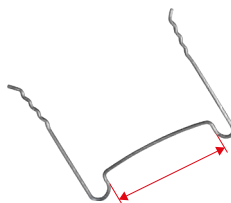
* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

Noninium® standard labial arch

Material: nickel-free* stainless steel

Strength category: spring hard · 1800–2000 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



CE * Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

Noninium® Adams clasp assortment

Strength category: spring hard · 1800–2000 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 clasps, 7 mm	REF 621-404-01
30 x Adams clasps, 8 mm	REF 621-405-01
40 x Adams clasps, 9 mm	REF 621-406-01
60 x Adams clasps, 10 mm	REF 621-407-01
60 x Adams clasps, 11 mm	REF 621-408-01
30 x Adams clasps, 12 mm	REF 621-409-01
1 x ruler	REF 766-000-00



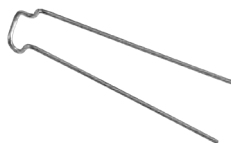
* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

Noninium® Adams clasp

Material: nickel-free* stainless steel

Strength category: spring hard · 1800–2000 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



CE * 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 · 1400–1600 N/mm²

ø	Length	REF	Quantity
0.70 mm / 28	each 36 mm	621-300-01	100 pieces

CE

* 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 · 1800–2000 N/mm²

ø	Length	REF	Quantity
0.70 mm / 28	each 41 mm	621-200-01	100 pieces

CE

* 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 · 1400–1600 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

CE

* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing



remanium® ball retainer clasp

Material: Stainless steel

Strength category: hard · 1400–1600 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

CE

remanium® arrow clasp

Material: Stainless steel

Strength category: hard · 1400–1600 N/mm²

ø	Length	REF	Quantity
0.80 mm / 31	each 40 mm	620-708-00	10 pieces

CE



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

CE



Guide pin

acc. to Hinz

Material: Stainless steel

ø	REF	Quantity
1.50 mm / 59	607-202-00	1 piece
1.50 mm / 59	607-202-30	10 pieces

CE



Lingual bar

Anatomically shaped e.g. for occlusion plates.

Material: Stainless steel

Length	∩	REF	Quantity
6 cm	3.0 x 1.5 mm	311-306-30	10 pieces
7 cm	3.0 x 1.5 mm	311-307-30	10 pieces
8 cm	3.0 x 1.5 mm	311-308-30	10 pieces

CE



Strengtheners on coils

Twisted and rolled flat.

Material: Stainless steel

Length	∩	REF	Quantity
10 m	1.8 x 0.8 mm	312-106-00	1 piece
10 m	2.4 x 0.8 mm	312-107-00	1 piece

CE



Removable appliance technique / Accessories



Stainless steel tubes

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

CE⁰⁴⁸³



Plastic sleeving

For covering wires.

Material: Polyurethane

Inner ø	Length	REF	Quantity
0.90 mm / 36	5 m	632-102-01	1 piece
1.10 mm / 43	5 m	632-101-01	1 piece
1.90 mm / 75	15 cm	632-103-00	6 pieces

CE⁰⁴⁸³



remanium® Goshgarian palatal bars assortment

Strength category: hard · 1400–1600 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
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CE⁰⁴⁸³

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

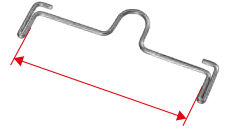
remanium® Goshgarian palatal bars

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 · 1400–1600 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

CE 0483

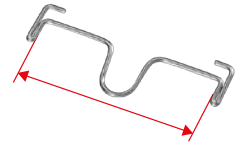
remanium® Goshgarian palatal bars

Standard Loop – distal

Enables controllable movement of upper molars.

Material: Stainless steel

Strength category: hard · 1400–1600 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

CE 0483

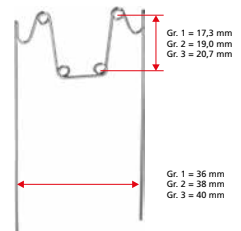
remanium® Quad Helix

Removable; for insertion into palatal sheaths on the upper molars.

Application: for expansion of posterior segments

Material: Stainless steel

Strength category: spring hard · 1800–2000 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

CE 0483

Palatal and lingual arch systems



Orthorama® palatal arches assortment

1 assortment = 10 pieces

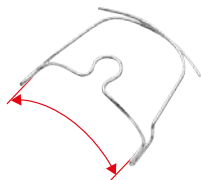
Material: CoCr

REF 728-205-00 1 assortment

CE 0483

Contents:

2 x Orthorama® palatal arches, 40 mm	REF 728-200-00
2 x Orthorama® palatal arches, 45 mm	REF 728-201-00
2 x Orthorama® palatal arches, 50 mm	REF 728-202-00
2 x Orthorama® palatal arches, 55 mm	REF 728-203-00
2 x Orthorama® palatal arches, 60 mm	REF 728-204-00
1 x ruler	REF 766-000-00



Orthorama® palatal arches

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

CE 0483



Orthorama® lingual arches assortment

1 assortment = 18 pieces

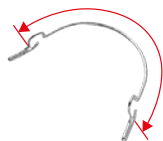
Material: CoCr

REF 728-215-00 1 assortment

CE 0483

Contents:

2 x Orthorama® lingual arches, 48 mm	REF 728-206-00
2 x Orthorama® lingual arches, 51 mm	REF 728-207-00
2 x Orthorama® lingual arches, 54 mm	REF 728-208-00
2 x Orthorama® lingual arches, 57 mm	REF 728-209-00
2 x Orthorama® lingual arches, 60 mm	REF 728-210-00
2 x Orthorama® lingual arches, 63 mm	REF 728-211-00
2 x Orthorama® lingual arches, 66 mm	REF 728-212-00
2 x Orthorama® lingual arches, 69 mm	REF 728-213-00
2 x Orthorama® lingual arches, 72 mm	REF 728-214-00
1 x ruler	REF 766-000-00



Orthorama® lingual arches

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

CE 0483

Palatal and lingual arch systems

Orthorama® Multi-Action lingual arches assortment

1 assortment = 8 pieces
Material: CoCr

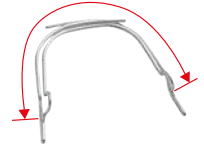
REF 728-222-00	1 assortment
CE 0483	Contents:
2 x Orthorama® Multi-Action lingual arches, 53 mm	REF 728-218-00
2 x Orthorama® Multi-Action lingual arches, 57 mm	REF 728-219-00
2 x Orthorama® Multi-Action lingual arches, 61 mm	REF 728-220-00
2 x Orthorama® Multi-Action lingual arches, 65 mm	REF 728-221-00
1 x ruler	REF 766-000-00



Orthorama® Multi-Action lingual arches

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



CE 0483

Orthorama® sectional arches

Material: CoCr

Version	REF	Quantity
with Omega loop	728-216-00	10 pieces
without Omega loop	728-217-00	10 pieces



CE 0483

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
CE 0483	Contents:
10 x transfer jigs	REF 728-401-00
10 x retention bands	REF 728-402-00



Orthorama® transfer jigs

Material: Stainless steel

REF 728-401-00	10 pieces
CE 0483	



Orthorama® retention bands

Material: Stainless steel

REF 728-402-00	10 pieces
CE 0483	



Class II appliances

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amda [®] / Appliance and accessories	Page	264
tomas [®] / Pins	Page	266



Class II appliances.

Achieve Class I successfully.

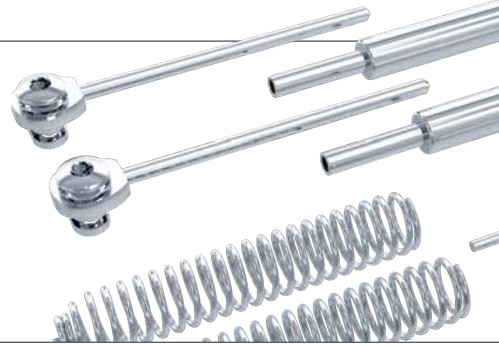


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The ideal path
to achieving Class I.



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:

- Distocclusion/Class II (uni-/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 (repositioning effect).
- Sleep apnoea therapy.

The ideal solution for patients with:

- poor compliance.
- minimal residual growth.
- hinderance to using removable appliances.
- illnesses to the primary respiratory tract or asthma.
- allergy to components in acrylic.
- handicap.

Herbst bite jumping hinges.

Safe, proven, effective.



The classic correction of distal occlusions.

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 Dentaureum 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.

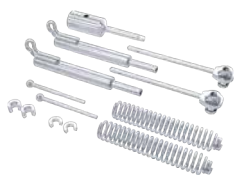
Modified version with ball and socket joint and C-clips for fixing. Greater lateral freedom of movement.

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 Dentaureum Herbst IV retention hinge. This makes it easier to handle and offers in particular more security.

Class II appliances

SUS³ – Sabbagh Universal Spring



SUS³ starter set



REF 607-160-00	1 set
-----------------------	-------

CE 0483

Contents:

2 x SUS ³ telescope element	REF 607-157-00
2 x SUS ³ telescope rod, assembled	REF 607-158-00
2 x SUS ³ ball retainer clasps, ø 1.0 mm	REF 607-154-00
2 x SUS ³ turbo springs (stainless steel), length 27 mm	REF 607-156-00
2 x spacer rings, crimpable, length 1 mm	REF 607-103-11
2 x spacer rings, crimpable, length 2 mm	REF 607-104-11
1 x hexagon socket key 1.5	REF 607-144-00

NEW



SUS³ set

An Allen key is not included in the delivery.



REF 607-165-00	1 set
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CE 0483

Contents:

2 x SUS ³ telescope element	REF 607-157-00
2 x SUS ³ telescope rod, assembled	REF 607-158-00
2 x SUS ³ ball retainer clasps, ø 1.0 mm	REF 607-154-00
2 x SUS ³ turbo springs (stainless steel), length 27 mm	REF 607-156-00
2 x spacer rings, crimpable, length 1 mm	REF 607-103-11
2 x spacer rings, crimpable, length 2 mm	REF 607-104-11

NEW



SUS³ telescope rod, assembled

REF 607-158-00	2 pieces
-----------------------	----------

CE 0483

Contents:

2 x SUS ³ arch adapter/fixing screw (1 pair)	REF 607-153-00
2 x SUS ³ telescope rod	REF 607-159-00

NEW



SUS³ telescope rod

REF 607-159-00	2 pieces
-----------------------	----------

CE 0483

NEW



SUS³ arch adapter/fixing screw

REF 607-153-00	1 pair
-----------------------	--------

CE 0483

NEW



SUS³ telescope element

REF 607-157-00	1 piece
-----------------------	---------

CE 0483

NEW

SUS³ – Sabbagh Universal Spring

SUS³ turbo spring (stainless steel)

Length: 27 mm

REF 607-156-00

6 pieces

CE 0483

NEW



SUS³ compression spring (stainless steel)

Length: 15 mm

REF 607-151-00

6 pieces

CE 0483

NEW



SUS³ distance spring

Length: 10 mm

REF 607-152-00

6 pieces

CE 0483

NEW



Herbst TS/SUS crimping pliers

sterilizable

For clamping slotted spacers for Herbst TS and SUS.

Premium-Line · 10 year guarantee

REF 003-710-00

1 piece

CE



SUS³ ball retainer clasp

Shaft ø: 1.0 mm

Head ø: 2.10 mm

Length: 18 mm

REF 607-154-00

10 pieces

CE 0483

NEW



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

CE 0483



Hexagon socket key 1.5

sterilizable

Key width: 1.5 mm

REF 607-144-00

1 piece

CE



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

CE 0483

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
----------------	-------

CE 0483

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
----------------	-------

CE 0483

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 bite jumping hinges / Sets

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
----------------	-------

CE 0483

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.



Class II appliances

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

CE 0483



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

CE 0483



Lock washer

Designation	for	REF	Quantity
C-clip	Herbst IV	607-116-00	10 pieces

CE 0483

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



CE 0483

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



CE 0483

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



CE 0483

Class II appliances

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

CE 0483



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

CE 0483



Herbst TS/SUS crimping pliers

sterilizable
For clamping slotted spacers for Herbst TS and SUS.
Premium-Line · 10 year guarantee

REF 003-710-00	1 piece
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CE



Hexagon socket key 1.5

sterilizable

Key width	for	REF	Quantity
1.5 mm	Herbst TS / I / II, SUS	607-144-00	1 piece

CE



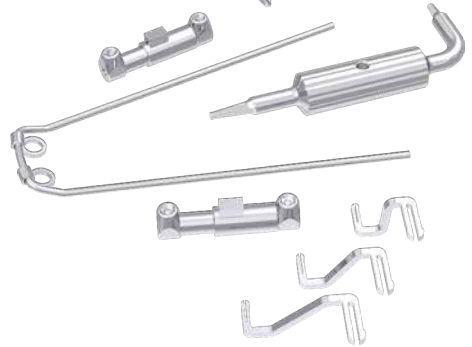
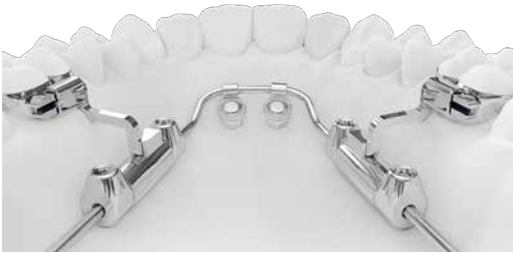
Hexagon socket key

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
----------------	-------

CE 0483

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

Class II appliances

amda® / Appliance and accessories



amda® telescope

Encapsulated stainless steel spring with two stop screws
(REF 302-013-01).
Spring force: max. 4,7 N

REF 607-181-02	2 pieces
REF 607-181-10	10 pieces

CE 0483



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

CE 0483



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

CE 0483



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

CE 0483

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

CE 0483



Hexagon socket key 0.9

sterilizable

Key width: 0.9 mm

REF 607-129-00	1 piece
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CE



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 \varnothing : 1.6 mm
 Core \varnothing : 1.2 mm
 Head type: mushroom-shaped

Length	REF	Quantity
6 mm	302-206-00	1 piece
8 mm	302-208-00	1 piece
10 mm	302-210-00	1 piece

CE 0483



tomas®-pin EP N
self-drilling
non-sterile
sterilizable

Titanium grade 5
 Thread \varnothing : 1.6 mm
 Core \varnothing : 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

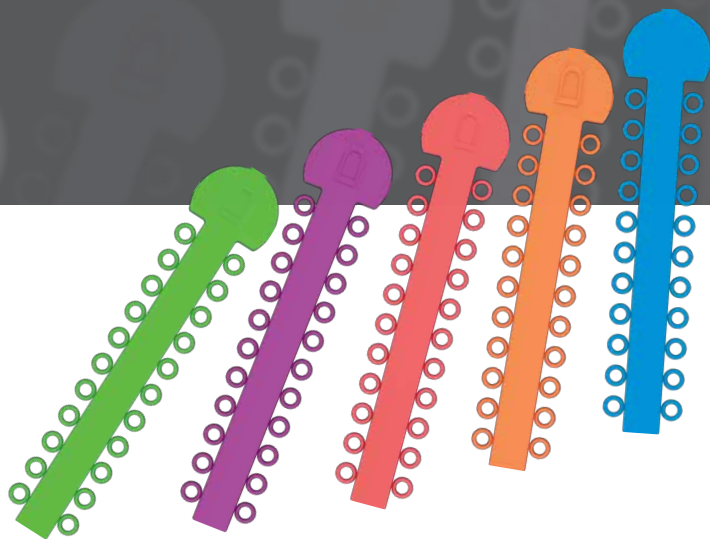
CE 0483

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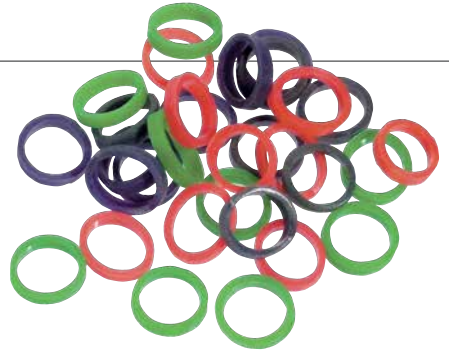
Intra- and extra-oral.

Appliances for every treatment technique.



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Complete delivery program for all areas of treatment.

The range of intra-oral and extra-oral products from Dentaureum extends from simple elastics or separators for intra-oral use to neck pads and innovative appliances such as the Face former or OrthoSafe appliance.

During the development, production and selection of all intra- and extra-oral products, great care is taken to comply with the Dentaureum 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 pulling force exceeds (approx. 2.5–3 kg/5.5–6.6 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.

Pulling 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

CE



High-pull headgear without safety modules

Headgear must always be used with safety modules!

High-pull headgear	REF	Quantity
Denim, blue	745-027-00	1 piece
Cotton, blue	745-031-00	1 piece

CE



High-pull headgear with eyelets for chin cap therapy

Headgear should only be used with chin caps and flexible plastic chains!

High-pull headgear	REF	Quantity
Denim, blue	744-711-50	1 piece

CE



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 pulling force exceeds (approx. 2.5–3 kg/5.5–6.6 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.

Pulling 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

CE

Neck band without safety modules

Neck bands must always be used with safety modules!

Neck pad	Length	REF	Quantity
Denim, blue	180 mm	745-023-00	5 pieces
Cotton, blue	180 mm	745-033-00	5 pieces



CE

Neck pad for neck band

Color	Length	REF	Quantity
4 x blue, 3 x black, 3 x yellow	170 mm	744-112-01	10 pieces
blue	170 mm	744-101-01	10 pieces



CE

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
red/blue	180 mm	745-039-00	5 pieces
blue/yellow	180 mm	745-041-00	5 pieces



CE

Safety module with metal clip

For neck bands or high-pull headgear.

Headgear and neck bands must always be used with safety modules!

Pulling 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



CE

Extra-oral appliances



High-pull headgear for chin cap therapy

Suitable for all head and chin sizes.

The connector line runs between the tip of the chin and temporomandibular joint.

Indications:

- for early treatment of Angle Class III
- with cross-bite tendency of single or all anterior teeth

Chin cap	Color	REF	Quantity
elastic, porous and air permeable	blue	744-705-00	1 piece
rigid, short outer hooks, air permeable	blue	744-709-00	1 piece



Vertical-pull headgear for chin cap therapy

Suitable for all head and chin sizes.

The connector line runs between the tip of the chin and temporal region.

Indications:

- for early treatment of an open bite
- for early treatment of a vertical growth pattern

Chin cap	Color	REF	Quantity
elastic, porous and air permeable	blue	744-706-00	1 piece
rigid, short outer hooks, air permeable	blue	744-710-00	1 piece



High-pull headgear Hickham

Suitable for all head sizes.

The required force is produced by extra-oral elastics (see accessories).

Indications:

- for treatment of Angle Class II/2 (anterior deep overbite)
- for intrusion of anterior teeth
- for distalization of cuspids/bicuspid

J-Hooks (REF 744-713-00) for Hickham headgear see accessories.

Color	REF	Quantity
blue	744-717-00	1 piece



Universal-pull headgear Hickham

Suitable for all head sizes.

Offers individual adjustment of force direction. The required force is produced by extra-oral elastics (see accessories).

Indications:

- for unilateral distalization of teeth (for creating space unilaterally and Class II correction)
- for unilateral intrusion/extrusion of teeth (correction of the occlusal plane)
- for simultaneous intrusion and retrusion of incisors
- skeletal protrusion of the maxilla (prognathism)
- dentoalveolar protrusion in the maxilla and mandible
- for unilateral anchorage
- in the case of premolar extraction with max. anchorage and complete diastema closure mesially
- adjustment of the midline

J-Hooks (REF 744-713-00) for Hickham headgear see accessories.



Color	REF	Quantity
blue	744-712-00	1 piece



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:

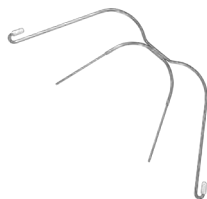
- for early treatment of Angle Class III malocclusions
 - skeletal retrusion of the maxilla (micrognathia)
 - dentoalveolar retrusion in the maxilla
 - skeletal overdevelopment of the mandible (macrogenia)
 - reduces anterior lower facial height (deep overbite)
 - protrusion of teeth (single or in groups 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
Face mask Delaire model	745-400-00	1 piece



Extra-oral appliances



Noninium® facebow, medium

nickel-free

(Nickel trace elements of $\leq 0.2\%$ 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 \varnothing	Stop loops	Safety caps	Cuspid hooks	Facebow	REF	Quantity
1.15 mm / 45		white			740-000-00	1 piece



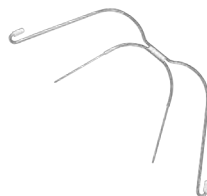
Standard facebow, mini

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 \varnothing	Stop loops	Safety caps	Cuspid hooks	Facebow	REF	Quantity
1.15 mm / 45		white			740-019-00	1 piece
1.15 mm / 45		white		plastic coated	740-219-00	1 piece
1.15 mm / 45	97 mm	red			741-049-00	1 piece



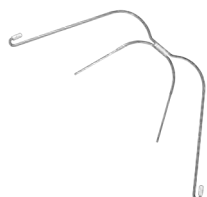
Standard facebow, medium

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 \varnothing	Stop loops	Safety caps	Cuspid hooks	Facebow	REF	Quantity
1.00 mm / 40		white			740-010-00	1 piece
1.15 mm / 45		white			740-020-00	1 piece
1.15 mm / 45		white	•		740-120-00	1 piece
1.15 mm / 45		white		plastic coated	740-220-00	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 \varnothing	Stop loops	Safety caps	Cuspid hooks	Facebow	REF	Quantity
1.15 mm / 45		white			740-021-00	1 piece
1.15 mm / 45		white		plastic coated	740-221-00	1 piece



Facebow, medium, with stop loops

Facebow: without coating

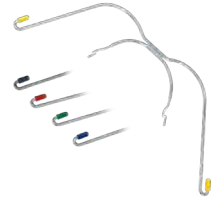
Inner bow \varnothing : 1.15 mm / 45

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



CE

Facebow, medium, with stop loops

Facebow: plastic coated

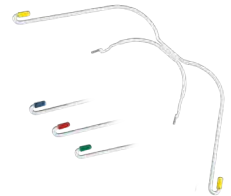
Inner bow \varnothing : 1.15 mm / 45

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		741-240-00	1 piece
49 mm	32 mm	90 mm	grey / Size 2		741-245-00	1 piece
49 mm	35 mm	97 mm	red / Size 3		741-250-00	1 piece
49 mm	38 mm	104 mm	green / Size 4		741-255-00	1 piece



CE

Accessories / Extra-oral



Chin cap

Elastic, porous, air permeable.
Color: blue

REF 744-614-00	1 piece
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CE

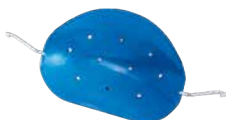


Chin cap

Rigid, padded, with short hooks, air permeable.
Color: blue

REF 744-613-00	1 piece
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CE



Chin cap

Rigid, padded, with long hooks, air permeable.
Color: blue

REF 744-615-01	1 piece
----------------	---------

CE



Chin cap

For reverse-pull headgear, Tübingen model, air permeable.
Color: blue

REF 745-304-01	1 piece
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CE



Chin cap liner

To make the chin cap more comfortable and to prevent skin irritation.

REF 744-616-00	10 pieces
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CE



Chin cap liner, Delaire

Forehead/Chin cap pad for face mask Delaire (REF 745-400-00), self-adhesive.

REF 745-401-00	2 pieces
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CE



Traction straps

For headgear (REF 744-705-00 / 744-706-00 / 744-709-00 / 744-710-00).
Color: blue

REF 745-402-00	2 pieces
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CE

Headband, elastic adjustable

For reverse-pull headgear, Tübinger model.
Length: 40 cm

REF 745-302-00	5 pieces
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CE



Forehead pad with band

For reverse-pull headgear, Tübinger model.

REF 745-301-01	5 pieces
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CE

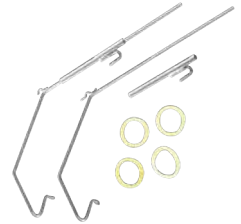


J-Hook for Hickham headgear

For universal-pull headgear (REF 744-712-00) and high-pull headgear (REF 744-717-00). Complete with sliding tubes and elastics. For cuspid/bicuspid retraction.

REF 744-713-00	2 pieces
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CE



Cap

For face mask Delaire (REF 745-400-00).
Color: blue

REF 745-403-00	1 piece
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CE



Screw

For face mask Delaire (REF 745-400-00).

REF 745-404-00	1 piece
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CE



Accessories / Extra-oral



Dentalastics® extra-oral plastic chain

Color	Length	REF	Quantity
transparent	118 mm	774-300-00	10 pieces



Extra-oral latex elastics

High elasticity and fatigue resistance. Pulling force ratings are based on the elastic being stretched 3 times the listed inner diameter.

Pulling force	Inner ø	REF	Quantity
light 2.3 N (227 g)	6.4 mm / 1/4 inch	772-203-01	1000 pieces
light 2.3 N (227 g)	8.0 mm / 5/16 inch	772-204-01	1000 pieces
light 2.3 N (227 g)	9.5 mm / 3/8 inch	772-205-01	1000 pieces
light 2.3 N (227 g)	12.7 mm / 1/2 inch	772-206-01	1000 pieces
strong 4.5 N (455 g)	8.0 mm / 5/16 inch	772-208-01	1000 pieces
strong 4.5 N (455 g)	12.7 mm / 1/2 inch	772-210-01	1000 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



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.

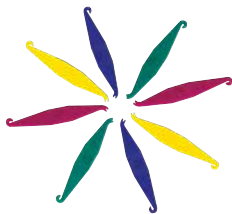
Used for attaching a facebow.



Inner ø	REF	Quantity
1.15 mm / 45	607-300-00	10 pieces
1.30 mm / 51	607-301-00	10 pieces



Elastics and auxiliaries / Intra-oral



Elastic placers

For seating and removing intra-oral elastics.
Color: assorted colors

REF 772-400-00

50 pieces

CE



DISCO intra-oral colored 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.

	Color	Pulling force	Inner ø	REF	Quantity
	green, red, violet	medium 1.3 N (128 g)	4.8 mm / 3/16 inch	772-514-00	25 x 100 pieces
	green, red, violet	medium 1.3 N (128 g)	6.4 mm / 1/4 inch	772-516-00	25 x 100 pieces
	green, red, violet	medium 1.3 N (128 g)	8.0 mm / 5/16 inch	772-517-00	25 x 100 pieces
	green, red, violet	strong 1.8 N (184 g)	4.8 mm / 3/16 inch	772-524-00	25 x 100 pieces
	green, red, violet	strong 1.8 N (184 g)	6.4 mm / 1/4 inch	772-526-00	25 x 100 pieces
	green, red, violet	strong 1.8 N (184 g)	8.0 mm / 5/16 inch	772-527-00	25 x 100 pieces

CE⁰⁴⁸³

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.



Color	Pulling force	Inner ø	REF	Quantity	
natural	light 0.7 N (71 g)	3.2 mm / 1/8 inch	772-103-00	10 x 100 pieces	
natural	light 0.7 N (71 g)	4.8 mm / 3/16 inch	772-104-00	10 x 100 pieces	
natural	light 0.7 N (71 g)	6.4 mm / 1/4 inch	772-106-00	10 x 100 pieces	
natural	light 0.7 N (71 g)	8.0 mm / 5/16 inch	772-107-00	10 x 100 pieces	
natural	light 0.7 N (71 g)	9.5 mm / 3/8 inch	772-109-00	10 x 100 pieces	
natural	medium 1.3 N (128 g)	3.2 mm / 1/8 inch	772-113-00	10 x 100 pieces	
natural	medium 1.3 N (128 g)	4.8 mm / 3/16 inch	772-114-00	10 x 100 pieces	
natural	medium 1.3 N (128 g)	6.4 mm / 1/4 inch	772-116-00	10 x 100 pieces	
natural	medium 1.3 N (128 g)	8.0 mm / 5/16 inch	772-117-00	10 x 100 pieces	
natural	medium 1.3 N (128 g)	9.5 mm / 3/8 inch	772-119-00	10 x 100 pieces	
natural	strong 1.8 N (184 g)	3.2 mm / 1/8 inch	772-123-00	10 x 100 pieces	
natural	strong 1.8 N (184 g)	4.8 mm / 3/16 inch	772-124-00	10 x 100 pieces	
natural	strong 1.8 N (184 g)	6.4 mm / 1/4 inch	772-125-00	10 x 100 pieces	
natural	strong 1.8 N (184 g)	8.0 mm / 5/16 inch	772-126-00	10 x 100 pieces	
natural	strong 1.8 N (184 g)	9.5 mm / 3/8 inch	772-127-00	10 x 100 pieces	

CE 0483

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.

Color	Pulling force	Inner ø	REF	Quantity
 transparent	light 0.7 N (71 g)	3.2 mm / 1/8 inch	772-303-00	10 x 100 pieces
 transparent	light 0.7 N (71 g)	4.8 mm / 3/16 inch	772-304-00	10 x 100 pieces
 transparent	light 0.7 N (71 g)	6.4 mm / 1/4 inch	772-306-00	10 x 100 pieces
 transparent	light 0.7 N (71 g)	8.0 mm / 5/16 inch	772-307-00	10 x 100 pieces
 transparent	light 0.7 N (71 g)	9.5 mm / 3/8 inch	772-309-00	10 x 100 pieces
 transparent	medium 1.3 N (128 g)	3.2 mm / 1/8 inch	772-313-00	10 x 100 pieces
 transparent	medium 1.3 N (128 g)	4.8 mm / 3/16 inch	772-314-00	10 x 100 pieces
 transparent	medium 1.3 N (128 g)	6.4 mm / 1/4 inch	772-316-00	10 x 100 pieces
 transparent	medium 1.3 N (128 g)	8.0 mm / 5/16 inch	772-317-00	10 x 100 pieces
 transparent	medium 1.3 N (128 g)	9.5 mm / 3/8 inch	772-319-00	10 x 100 pieces
 transparent	strong 1.8 N (184 g)	3.2 mm / 1/8 inch	772-323-00	10 x 100 pieces
 transparent	strong 1.8 N (184 g)	4.8 mm / 3/16 inch	772-324-00	10 x 100 pieces
 transparent	strong 1.8 N (184 g)	6.4 mm / 1/4 inch	772-325-00	10 x 100 pieces
 transparent	strong 1.8 N (184 g)	8.0 mm / 5/16 inch	772-326-00	10 x 100 pieces
 transparent	strong 1.8 N (184 g)	9.5 mm / 3/8 inch	772-327-00	10 x 100 pieces

CE 0483



Container for intra-oral elastics

For mini patient packs. With wall mount.

Dimensions (W x H x D): 508 x 169 x 107 mm

Color: white

REF 772-000-00	1 piece
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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.

Pulling 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

CE 0483

Elastic ligature

For rotation, cuspid movement, figure eight ligating, etc.

- with roughened surface, providing a more secure hold and easier tying
- high ultimate tensile strength
- constant recoil force

Color	Outer ø	Length	REF	Quantity
transparent	0.65 mm / 25	7.5 m	775-210-01	1 piece

CE 0483



Elasto-Force elastic ligature thread

For rotation, cuspid movement, figure eight ligating, etc.

Easy to tie, because the thread is hollow.

Color	Outer ø	Length	REF	Quantity
transparent	0.65 mm / 25	15 m	774-205-00	1 piece

CE 0483



Dentalastics® rotation wedges

For individual tooth rotation.

Color	REF	Quantity
grey	774-003-00	100 pieces
transparent	774-000-00	100 pieces

CE 0483



Dentalastics® plastic ligatures

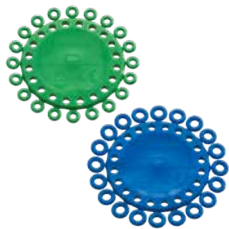
For ligating arch wires to brackets.

Color	Inner ø	REF	Quantity
transparent	1.3 mm	774-002-01	1000 pieces

CE 0483



Elastics and auxiliaries / Intra-oral



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

CE 0483



Elasto-Force plastic chains

Color	Inner ø	Length	Connector	REF	Quantity
transparent	1.3 mm	4.5 m	•	774-220-00	1 roll
pink	1.3 mm	4.5 m	•	774-231-00	1 roll
blue	1.3 mm	4.5 m	•	774-232-00	1 roll
red	1.3 mm	4.5 m	•	774-233-00	1 roll
metallic silver	1.3 mm	4.5 m	•	774-235-00	1 roll
transparent	1.3 mm	4.5 m		774-221-00	1 roll
blue	1.3 mm	4.5 m		774-226-00	1 roll
metallic silver	1.3 mm	4.5 m		774-229-00	1 roll
pearl	1.3 mm	4.5 m		774-236-00	1 roll

CE 0483



SUPER Elasto-Force plastic chains

Constant traction with longer period of effect. High elasticity with excellent recoil force.

Color	Inner ø	Length	Connector	REF	Quantity
transparent	1.3 mm	4.5 m	•	774-217-00	1 roll
transparent	1.3 mm	4.5 m		774-216-00	1 roll

CE 0483

SUPER Elasto-Force plastic chains

Consistent tensile force over a long period of time. Very high elasticity with excellent elastic recovery.
Especially flat ring shape, ideal for the lingual technique and for multiple ligatures. Extremely tear-resistant.



Color	Inner ø	Length	Connector	REF	Quantity
transparent	1.3 mm	3.5 m	•	774-210-00	1 roll
transparent	1.3 mm	3.5 m		774-211-00	1 roll

CE 0483

Dentalastics® Personal / Assortment

Colored plastic ligatures

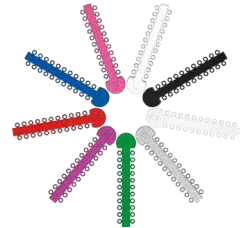
Especially delicate plastic ligatures for ligating archwires to brackets.

Contents:

9 colors (without pearl & glow) à 5 sticks, total of 45 sticks x 22 rings = 990 pieces

Color	Inner ø	REF	Quantity
9 colors	1.3 mm	774-561-02	1 assortment

CE 0483



NEW

Dentalastics® Personal / Assortment

Colored plastic ligatures

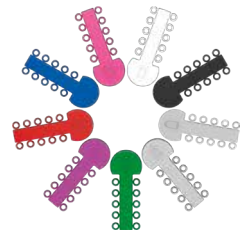
Especially delicate plastic ligatures for ligating archwires to brackets.

Contents:

9 colors (without pearl & glow) à 11 sticks, total of 99 sticks x 10 rings = 990 pieces

Color	Inner ø	REF	Quantity
9 colors	1.3 mm	774-561-03	1 assortment

CE 0483



NEW



Elastics and auxiliaries / Intra-oral

Dentalastics® Personal / Single packs

Colored plastic ligatures

Especially delicate plastic ligatures for ligating archwires to brackets.

Contents:

45 sticks x 22 rings = 990 pieces



Color	Inner ø	REF	Quantity
silver	1.3 mm	774-549-00	1 pack
transparent	1.3 mm	774-551-00	1 pack
black	1.3 mm	774-552-00	1 pack
white	1.3 mm	774-553-00	1 pack
pink	1.3 mm	774-554-00	1 pack
blue	1.3 mm	774-555-00	1 pack
red	1.3 mm	774-556-00	1 pack
purple	1.3 mm	774-557-00	1 pack
green	1.3 mm	774-559-00	1 pack
pearl	1.3 mm	774-563-00	1 pack
glow orange	1.3 mm	774-564-00	1 pack
glow red	1.3 mm	774-565-00	1 pack
glow green	1.3 mm	774-567-00	1 pack
glow blue	1.3 mm	774-568-00	1 pack

CE 0483

NEW

Dentalastics® Personal / Single packs

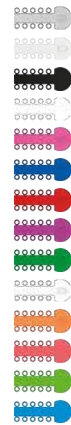
Colored plastic ligatures

Especially delicate plastic ligatures for ligating archwires to brackets.

Contents:

99 sticks x 10 rings = 990 pieces

Color	Inner ø	REF	Quantity
silver	1.3 mm	774-549-10	1 pack
transparent	1.3 mm	774-551-10	1 pack
black	1.3 mm	774-552-10	1 pack
white	1.3 mm	774-553-10	1 pack
pink	1.3 mm	774-554-10	1 pack
blue	1.3 mm	774-555-10	1 pack
red	1.3 mm	774-556-10	1 pack
purple	1.3 mm	774-557-10	1 pack
green	1.3 mm	774-559-10	1 pack
pearl	1.3 mm	774-563-10	1 pack
glow orange	1.3 mm	774-564-10	1 pack
glow red	1.3 mm	774-565-10	1 pack
glow green	1.3 mm	774-567-10	1 pack
glow blue	1.3 mm	774-568-10	1 pack



CE 0483

NEW

Oral screens



Oral screen Ulmer Modell

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



Face former

acc. to Berndsen

Face former therapy targets the cause and is holistic. Regular Face former 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	074-101-00	1 piece



OrthoSafe mouthguard / Assortment

The safe and comfortable guard for all types of sports. The anatomically contoured OrthoSafe can be custom fitted by briefly immersing it in hot water. The handle of OrthoSafe guarantees an optimal material thickness between the two dental arches.

Also suitable for use with multibracket appliances.

Contents:

- 5 x mouthguard, Colors: transparent, pink, green, black, yellow (each 1 x)
- 5 x plastic boxes
- 5 x grips

Cords with safety lock (REF 163-807-00) are not included in the assortment!

REF 074-200-00

1 assortment

CE



OrthoSafe mouthguard / Single pack

The safe and comfortable guard for all types of sports. The anatomically contoured OrthoSafe can be custom fitted by briefly immersing it in hot water. The handle of OrthoSafe guarantees an optimal material thickness between the two dental arches.

Also suitable for use with multibracket appliances.

Contents:

- 1 x mouthguard
- 1 x plastic box
- 1 x grip

Cords with safety lock (REF 163-807-00) are not included!



Color	REF	Quantity
transparent	074-201-00	1 piece
black	074-206-00	1 piece

CE

NEW

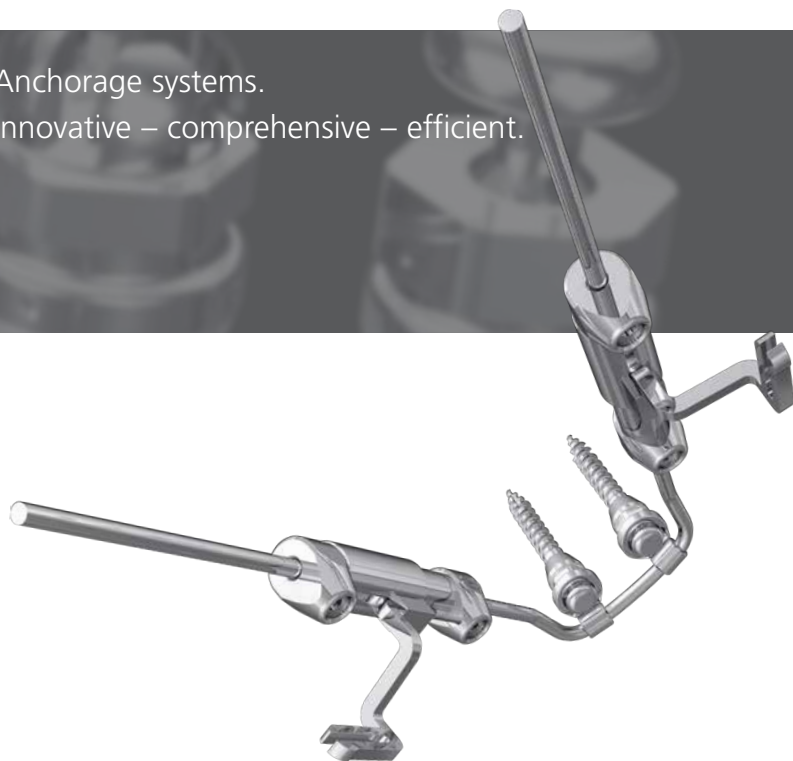


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Thomas® & amda®

Anchorage systems.
innovative – comprehensive – efficient.



DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com





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.

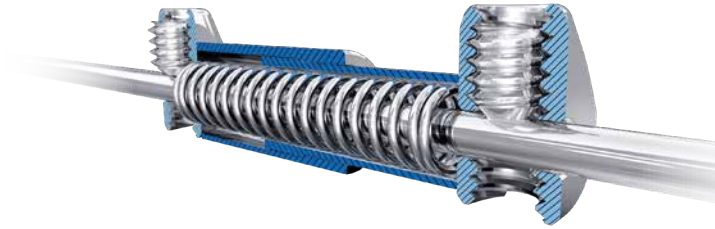
The advantages:

- Quick and easy to fit.
- Coordinated accessories.
- Effective around the clock – day and night.
- No patient cooperation required.
- Perfect biomechanics.





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. Dentaaurum 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 cooperation 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
-----------------------	-------

CE 0483

Contents:

1 x tomas®-drill SD 1.1, short pilot drill	REF 302-103-00
1 x tomas®-driver, long version	REF 302-004-60
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 302-004-40
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
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CE 0483

Contents:

1 x tomas®-drill SD 1.1, short pilot drill	REF 302-103-00
1 x tomas®-driver, long version	REF 302-004-60
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 \varnothing : 1.6 mm

Core \varnothing : 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

CE 0483



tomas®-pin EP

self-drilling

sterile

Titanium grade: 5

Thread \varnothing : 1.6 mm

Core \varnothing : 1.2 mm

Head type: mushroom-shaped

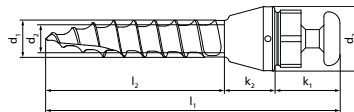
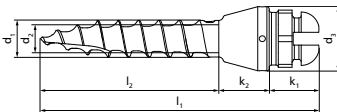
Length	Color-coded packaging	REF	Quantity
6 mm	white	302-206-00	1 piece
8 mm	grey	302-208-00	1 piece
10 mm	black	302-210-00	1 piece

CE 0483



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 / 12.2 / 14.2 mm	10.9 / 12.9 / 14.9 mm
l_2	6.0 / 8.0 / 10.0 mm	6.0 / 8.0 / 10.0 mm



Pins, non-sterile



tomas®-pin SD N

self-drilling
non-sterile
sterilizable

Titanium grade 5
Thread \varnothing : 1.6 mm
Core \varnothing : 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

CE⁰⁴⁸³



tomas®-pin EP N

self-drilling
non-sterile
sterilizable

Titanium grade 5
Thread \varnothing : 1.6 mm
Core \varnothing : 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

CE⁰⁴⁸³

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

CE 0483

tomas[®]-punch

(gingiva remover)

Sterile punch for single use.

For perforating the mucosa at the area of insertion
for the tomas[®]-pin SD or EP.

ø: 2.0 mm

REF 302-001-00 4 pieces

CE 0297



tomas[®]-applicator

sterilizable

(manual screwing aid)

For manual tomas[®]-pin insertion.

Length: 18 mm

REF 302-004-20 1 piece

CE



tomas[®]-applicator

sterilizable

(manual screwing aid)

Long version.

For manual tomas[®]-pin insertion. Ideal for palatal insertion.

Length: 28 mm

REF 302-004-70 1 piece

CE



tomas[®]-wheel

sterilizable

(nut)

For manual insertion 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

CE



Anchorage systems

Instruments and accessories



tomas®-torque ratchet sterilizable

For manual insertion of the tomas®-pin SD / EP in combination with the tomas®-applicator (REF 302-004-20 / 302-004-70); torque should be limited to 20 Ncm.

REF 302-004-40

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®-driver sterilizable

(mechanical screwing aid)

Long version.

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. Ideal for palatal insertion of a tomas®-pin.

Length: 26 mm

REF 302-004-60

1 piece



tomas®-handpiece sterilizable

(manually turned unit)

Manually turned unit with adjustable torque from 0-50 Ncm. Limit torque to 20 Ncm. For connection to a contra-angled handpiece as an alternative to surgical power tools or electrical tools.

REF 302-004-80

1 piece



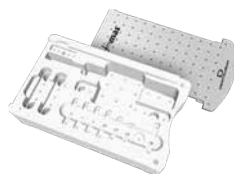
tomas®-screwdriver sterilizable

For manual insertion 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
CE 0483 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
CE 0483	



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

CE 0483



tomas®-abutment tube 1.5

(coupling element with tube)

Abutment with rotatable tube for direct coupling between the tomas®-pin with hyrax® click or hyrax®. Can be used for hybrid RPE appliance or skeletal RPE appliance.

Inner ø tube	Width tube	REF	Quantity
1.55 mm / 61	3.0 mm	302-025-15	1 piece

CE 0483



tomas®-RPE eyelet

(coupling element for RPE screws)

Eyelet for direct coupling between tomas®-pin with hyrax® click or hyrax® with two supports for easier placement on working model.

For use with hybrid RPE appliance or skeletal RPE appliance.

Outer ø eyelet	Inner ø eyelet	Thickness eyelet	REF	Quantity
5.0 mm	upper 3.0 mm lower 2.3 mm	1.5 mm	302-602-00	12 pieces + 2 supports

CE 0483



NEW

Anchorage systems

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 \square tube	Width tube	REF	Quantity
0.56 x 0.70 mm / 22 x 28	4.0 mm	302-025-22	1 piece

CE 0483



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 \emptyset tube	Width tube	REF	Quantity
1.55 mm / 61	2 x 3.0 mm	302-025-30	1 piece

CE 0483



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 \emptyset	Wire length	REF	Quantity
1.10 mm / 43	2 x 80 mm	302-025-21	1 piece

CE 0483



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 sagittally to the mid-palatal suture. The distance between the tomas®-pins must be at least 6 mm.

Inner \emptyset tube	Width tube	Wire \emptyset	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

CE 0483

NEW



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 \emptyset	Wire length	REF	Quantity
1.10 mm / 43	60 mm	302-025-06	1 piece

CE 0483

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

CE 0483



tomas[®]-abutment plain

(coupling element)

For welding individual elements and for anchoring temporary crowns.

REF 302-026-00	1 piece
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CE 0483



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

CE 0483



tomas[®]-transfer cap

Transfer of oral status to a dental cast.

REF 302-028-01	2 pieces
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CE



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
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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
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Anchorage systems

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
CE 0483	
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
1 x tomas®-compression spring	REF 302-022-00
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

Pulling force	Wire strength ø	Color coded packaging	REF	Quantity
light	0.21 mm / 8	blue	302-012-00	10 pieces
medium	0.23 mm / 9	yellow	302-012-10	10 pieces
heavy	0.23 mm / 9	red	302-012-20	10 pieces

CE 0483



SUPER Elasto-Force plastic chains

Constant traction with longer period of effect. High elasticity with excellent recoil force.

Color	Inner ø	Length	REF	Quantity
transparent	1.3 mm	4.5 m	774-216-00	1 roll

CE 0483



tomas®-uprighting spring

For uprighting and simultaneous intrusion or extrusion of molars.

REF 302-009-00	10 pieces
CE 0483	

tomas®-compression spring

(nickel titanium compression spring)

These compression springs offer the following advantages:

- maximum elasticity with virtually constant restoring force
- fatigue-proof, uniformly low force transfer
- for shortening to suit the individual situation

Strength category: super elastic

Inner ø	Length	Wire strength ø	Force	REF	Quantity
0.75 mm / 30	18 cm	0.30 mm / 12	middle	302-022-00	1 piece

CE 0483



tomas®-stop screw

Without hexagon socket key.

REF 302-013-01	10 pieces
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CE 0483



Hexagon socket key 0.9

sterilizable

Key width: 0.9 mm

REF 607-129-00	1 piece
-----------------------	---------

CE



tomas®-slotted stops

Suitable as stop for tension springs.

	REF	Quantity
☑ 0.46 x 0.64 mm / 18 x 25	302-022-18	100 pieces
0.56 x 0.70 mm / 22 x 28	302-022-22	100 pieces

CE 0483



tomas®-hook

For fixing elastic elements (plastic chains, springs) to the tomas®-pin SD head.

REF 302-009-10	10 pieces
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CE 0483



tomas®-T-wire

Made of remanium® for direct and indirect connection with the tomas®-pin SD.

Material: Stainless steel

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

	REF	Quantity
☑ 0.55 x 0.70 mm / 21.5 x 28	302-024-00	10 pieces

CE 0483



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 \square : 0.46 x 0.64 mm / 18 x 25

Vertical tube:

Overall length: 2.0 mm

Inner \square : 0.56 x 0.70 mm / 22 x 28

REF 302-014-18

10 pieces

CE 0483



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 \square : 0.56 x 0.70 mm / 22 x 28

Vertical tube:

Overall length: 2.0 mm

Inner \square : 0.56 x 0.70 mm / 22 x 28

REF 302-014-22

10 pieces

CE 0483



tomas®-power arm, square

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

Crimping tube slotted, with spring hard wire, square (\square 0.55 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

CE 0483



tomas®-power arm, round

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

Crimping tube slotted, with spring hard wire, round (\varnothing 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

CE 0483



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

CE

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 · 1800–2000 N/mm²



Quadrant	REF	Quantity
upper left/lower right	302-020-00	10 pieces
upper right/lower left	302-020-10	10 pieces

CE 0483

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 · 1800–2000 N/mm²



Quadrant	REF	Quantity
upper left/lower right	302-021-00	10 pieces
upper right/lower left	302-021-10	10 pieces

CE 0483

tomas®-box

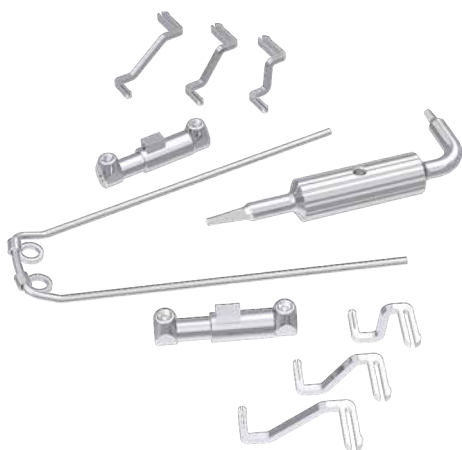
Plastic box with 2 inserts.

REF 302-023-10

1 piece



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
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CE 0483

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

REF 607-181-02	2 pieces
REF 607-181-10	10 pieces

CE 0483



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

CE 0483



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

CE 0483



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

CE 0483



Anchorage systems

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

CE 0483



Hexagon socket key 0.9

sterilizable

Key width: 0.9 mm

REF 607-129-00	1 piece
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CE

tomas®-model

For patient demonstration.

REF 302-006-00

1 piece



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



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



Impression materials	Page	318
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Appliance containers and accessories	Page	322
Orthodontic study and demonstration models	Page	324
Other	Page	329



Supplies.

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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.

O-Tray impression trays

Developed especially for orthodontic practices.

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 material



Orthalgenat® Duo

Impression material incl. measuring set.

Flavor	Color	REF	Quantity
mint	green	150-501-20	1 kg
mint	green	150-509-20	9 x 1 kg
mint	green	150-520-20	20 x 1 kg
berry	violet	150-501-30	1 kg
berry	violet	150-509-30	9 x 1 kg
berry	violet	150-520-30	20 x 1 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
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O-Tray impression trays

Disposable trays, can be disinfected, do not sterilize.

Specially developed for orthodontics. The deep vertical walls guarantee precise definition of the soft tissue and economize on impression material. Retention buttons (REF 150-400-00) may be placed in the perforations to obtain additional retention.



Jaw	Size	Color	REF	Quantity
Maxillary	U1	yellow	150-201-00	20 pieces
Maxillary	U2	red	150-202-00	20 pieces
Maxillary	U3	blue	150-203-00	20 pieces
Maxillary	U4	green	150-204-00	20 pieces
Mandibular	L1	yellow	150-221-00	20 pieces
Mandibular	L2	red	150-222-00	20 pieces
Mandibular	L3	blue	150-223-00	20 pieces
Mandibular	L4	green	150-224-00	20 pieces

CE

Plug-in retention buttons

Can be disinfected, do not sterilize.

For O-Tray impression trays.

- for easy insertion into the retention holes
- prevent pressure reduction during impression taking and provide additional, reliable adhesion of the alginate

REF 150-400-00	100 pieces
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CE



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



Dimensions (L x W)	Thickness	Color	REF	Quantity
200 x 10 mm	1.0 mm	red	124-002-00	50 pieces
120 x 15 mm	1.0 mm	red	124-003-00	50 pieces
200 x 10 mm	1.0 mm	white	124-202-00	50 pieces

CE

Model fabrication



Rapidur®

Synthetic dental stone

- extra hard, low expansion
- quick-setting

Application:

orthodontics, cast partial denture work,

precious metal, acrylics, ceramics

Norm: DIN EN ISO 6873

Class 4

Mixing ratio (g : ml)	100 : 24
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
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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
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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

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

**Plastic model base**

Made of impact resistant plastic, with hinge. 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/Hinge**

For plastic model base (REF 050-501-00).

Suitable for orthodontic base unit acc. to Hinz.

Material	Color	REF	Quantity
Plastic	white	050-503-00	50 pieces

**Orthodontic model tray**

With colored labels.

For 5 sets of models, stackable.

Dimensions (W x H x D): 94 x 83 x 330 mm

Material: Plastic

Color: white

REF 050-502-00

10 pieces



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 x 3.30 x 4.80 cm

Size	Color	REF	Quantity
mini	pearl blue	163-602-01	10 pieces
mini	pink	163-603-01	10 pieces
mini	yellow	163-604-01	10 pieces
mini	orange	163-605-01	10 pieces
mini	purple	163-609-01	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

NEW



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 x 4.50 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	yellow	163-704-01	10 pieces
maxi	orange	163-705-01	10 pieces
maxi	green	163-706-01	10 pieces
maxi	white flecked	163-708-01	10 pieces
maxi	purple	163-709-01	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

NEW

Appliance containers and accessories

Appliance container, 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 x 4.70 x 7.80 cm

Size	Color	REF	Quantity
magnum	ruby-red	163-801-01	10 pieces
magnum	pearl blue	163-802-01	10 pieces
magnum	pink	163-803-01	10 pieces



NEW

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
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**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
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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
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Wax bases

For Typodont/Dentoform unit (REF 050-801-00).

Ideal occlusion (maxillary and mandibular).

REF 050-802-00	1 pair
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Orthodontic study model

Angle Class I, normal occlusion

Maxilla and mandible made of plastic.

REF 892-001-00	1 piece
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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 mini buccal tubes
- dentaform® bands
- rematitan® LITE arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-07

1 piece

**Orthodontic demonstration model Elegance®****Angle Class I, normal occlusion**

Roth 22

Fitted with:

- Elegance® plastic brackets
- Ortho-Cast M-Series mini buccal tubes
- dentaform® bands
- rematitan® LITE White arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-10

1 piece



Orthodontic study and demonstration models



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
- dentaform® bands
- rematitan® LITE arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-14

1 piece



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



Orthodontic demonstration model discovery® smart

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.

REF 892-000-20

1 piece

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



Orthodontic demonstration model discovery® pearl

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- discovery® pearl ceramic brackets
- translucent arch pearl

Maxilla made of plastic.

REF 892-000-18

1 piece

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Orthodontic study and demonstration models

**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

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

**dinamique® c demonstration model****Angle Class I, normal occlusion**

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- dinamique® c self-ligating ceramic brackets
- Ortho-Cast M-Series and M-Series mini buccal tubes
- remanium® arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-28

1 piece

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

**dinamique® m demonstration model****Angle Class I, normal occlusion**

McLaughlin-Bennett-Trevisi* 22

Fitted with:

- dinamique® m self-ligating metal brackets
- Ortho-Cast M-Series and M-Series mini buccal tubes
- remanium® arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-27

1 piece

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



Orthodontic study and demonstration models



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



tomas®-model

For patient demonstration.

REF 302-006-00

1 piece



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

Ortho Brush

Orthodontic tooth brush.
Ideal for cleaning interproximal areas,
fixed brackets and band appliances.

REF 163-300-00

10 pieces



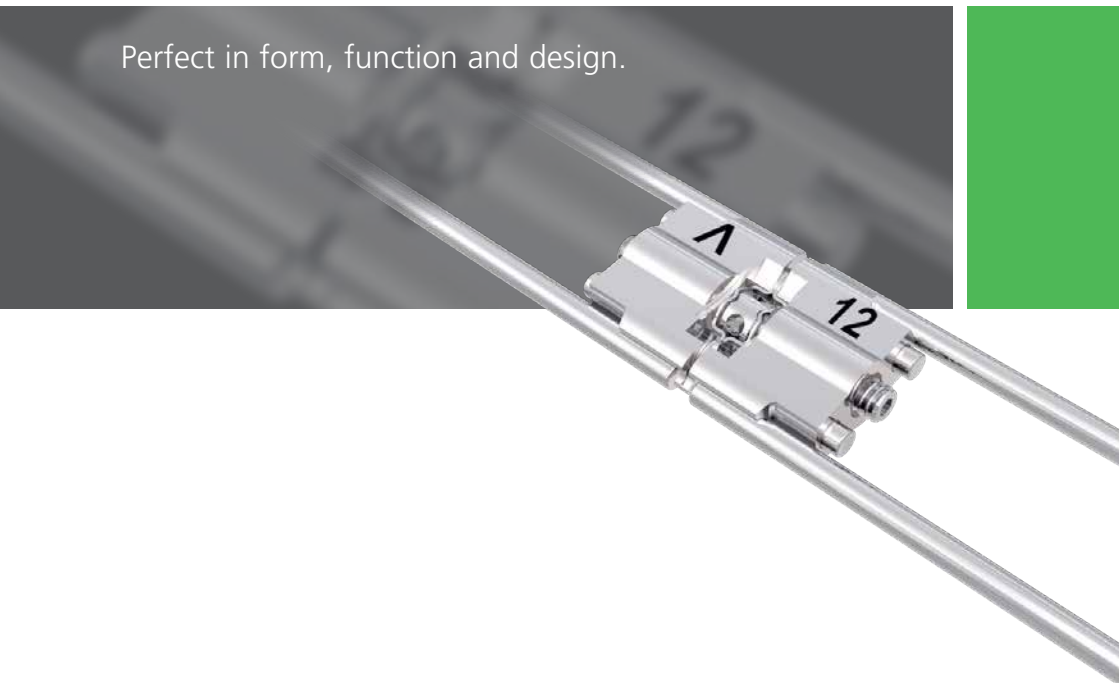
Expansion screws

Standard expansion screws	Page	334
Special expansion screws	Page	339
Variety expansion screws	Page	349
RPE screws	Page	353
Accessories	Page	358



Expansion screws.

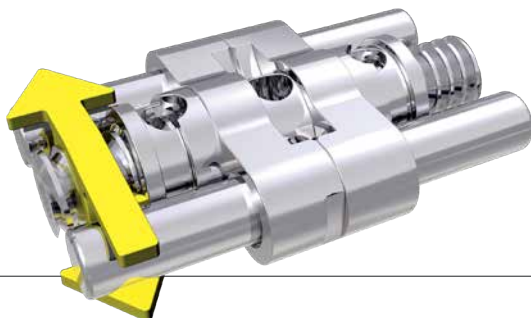
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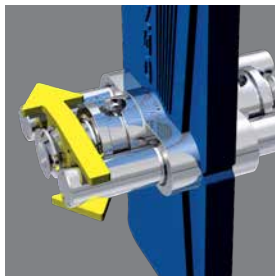


A wide range of products.

Dentaurum's selection of stainless steel expansion screws ranges from standard expansion screws to more complex special expansion screws. 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. Built-in stops prevent the screws from coming apart. The screws are guaranteed to open evenly and not reverse inadvertently thanks to the carefully calculated friction on the thread 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.

Forward thrust double plate system acc. to Schaneng

The flexible system.

hyrax®

Special expansion screw for palatal expansion.

hyrax® click

The RPE screw with special feature
to prevent unwanted reversing.

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.

Expansion screws

Standard expansion screws



Expansion screw Mini

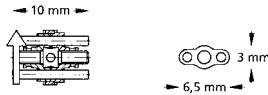
Material: Stainless steel

- 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 straight, small – standard.

Indication: for transverse expansion and distalization in the mandible or for especially narrow maxillae

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
6.5 mm	= 0.7 mm	Plastic, white	600-300-10	1 piece
6.5 mm	= 0.7 mm	Plastic, white	600-300-30	10 pieces
6.5 mm	= 0.7 mm	Plastic, white	600-300-60	100 pieces

CE



Expansion screw Mini

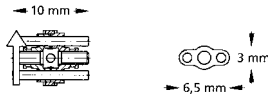
Material: Stainless steel

- with **wide** 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 straight, small – standard.

Indication: for transverse expansion and distalization in the mandible or for especially narrow maxillae

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
6.5 mm	= 0.7 mm	Plastic, white	600-320-10	1 piece
6.5 mm	= 0.7 mm	Plastic, white	600-320-30	10 pieces
6.5 mm	= 0.7 mm	Plastic, white	600-320-60	100 pieces

CE



Expansion screw Medium

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 straight, small – standard.

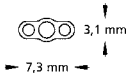
Indication: for transverse expansion and distalization in maxilla and mandible

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-301-10	1 piece
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-301-30	10 pieces
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-301-60	100 pieces



CE

↔ 11 mm ↔



Expansion screw Medium

Material: Stainless steel

- with **wide** 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 straight, small – standard.

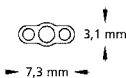
Indication: for transverse expansion and distalization in maxilla and mandible

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-321-10	1 piece
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-321-30	10 pieces
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-321-60	100 pieces



CE

↔ 11 mm ↔



Expansion screws

Standard expansion screws



Expansion screw Maxi

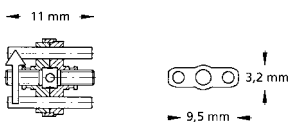
Material: Stainless steel

- 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 straight, small – standard.

Indication: for transverse expansion in the maxilla

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-302-10	1 piece
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-302-30	10 pieces
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-302-60	100 pieces

CE



Expansion screw Maxi

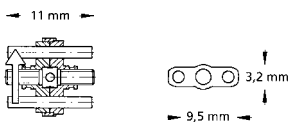
Material: Stainless steel

- with **wide** 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 straight, small – standard.

Indication: for transverse expansion in the maxilla

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-322-10	1 piece
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-322-30	10 pieces
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-322-60	100 pieces

CE



Expansion screw Magnum

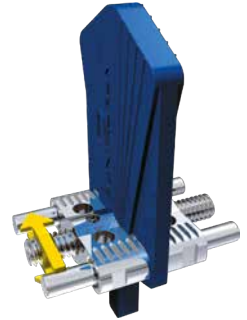
Material: Stainless steel

- 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, small – standard.

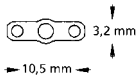
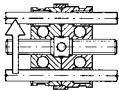
Indication: for transverse expansion in the maxilla and bimaxillary functional gnatho-orthopedic appliances

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
11.0 mm	= 0.8 mm	Plastic, neon yellow	600-303-10	1 piece
11.0 mm	= 0.8 mm	Plastic, neon yellow	600-303-30	10 pieces
11.0 mm	= 0.8 mm	Plastic, neon yellow	600-303-60	100 pieces



CE

→ 14,5 mm →



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 straight, small – standard.

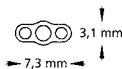
Indication: for transverse expansion and distalization in maxilla and mandible

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.5 mm	= 0.8 mm	Plastic, pearl-blue	600-400-10	1 piece
7.5 mm	= 0.8 mm	Plastic, pearl-blue	600-400-30	10 pieces



CE

→ 11 mm →



Expansion screws

Standard expansion screws



Trapezoidal expansion screw

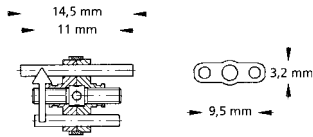
Material: Stainless steel

- 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 straight, small – standard.

Indication: for transverse expansion of narrow maxillae and as activation screw for bimaxillary functional gnatho-orthopedic appliances

Maximum expansion	4 x $\frac{1}{4}$ turn	Directional arrow	REF	Quantity
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-310-30	10 pieces

CE



Sectional screw Mini

Material: Stainless steel

- with **wide** expansion screw holder
- skeleton design
- guide pins: U-shaped, **straight**

With expansion screw key straight, small – standard.

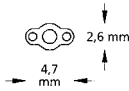
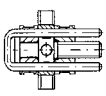
Indication: for movement of individual teeth

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
4.0 mm	= 0.35 mm	printed, blue-yellow	600-502-10	1 piece
4.0 mm	= 0.35 mm	printed, blue-yellow	600-502-30	10 pieces
4.0 mm	= 0.35 mm	printed, blue-yellow	600-502-60	100 pieces



CE

← 9,5 mm →



Sectional screw Mini

Material: Stainless steel

- with **wide** expansion screw holder
- skeleton design
- guide pins: U-shaped, **angulated facing down**

With expansion screw key straight, small – standard.

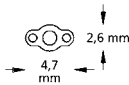
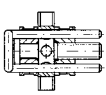
Indication: for movement of individual teeth

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
4.0 mm	= 0.35 mm	printed, blue-yellow	600-503-10	1 piece
4.0 mm	= 0.35 mm	printed, blue-yellow	600-503-30	10 pieces
4.0 mm	= 0.35 mm	printed, blue-yellow	600-503-60	100 pieces



CE

← 9,5 mm →



Special expansion screws



Sectional screw Medium

Material: Stainless steel

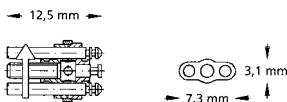
- with **cone-shaped** expansion screw holder
- skeleton design
- guide pins: **straight**, with mushroom head retention
- holes in body of screws for better retention in acrylic
- built-in stops prevent screws from coming apart

With expansion screw key straight, small – standard.

Indication: for distalization and segmentation of appliances, Y plates

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
6.0 mm	= 0.4 mm	Plastic, neon yellow	600-500-10	1 piece
6.0 mm	= 0.4 mm	Plastic, neon yellow	600-500-30	10 pieces
6.0 mm	= 0.4 mm	Plastic, neon yellow	600-500-60	100 pieces

CE



Sectional screw Medium

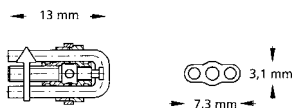
Material: Stainless steel

- 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 straight, small – standard.

Indication: for distalization and segmentation of appliances, protrusion of an anterior segment

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
6.0 mm	= 0.4 mm	Plastic, neon yellow	600-501-10	1 piece
6.0 mm	= 0.4 mm	Plastic, neon yellow	600-501-30	10 pieces
6.0 mm	= 0.4 mm	Plastic, neon yellow	600-501-60	100 pieces

CE



Retraction screw Extra Mini

Material: Stainless steel

- with **cone-shaped** expansion screw holder
- screw body: closed
- guide pins: U-shaped, straight

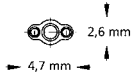
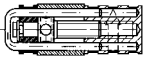
With expansion screw key straight, small – standard.

Indication: for space closing and movement of individual teeth

Maximum retraction	4 x 1/4 turn	Directional arrow	REF	Quantity
3.0 mm	= 0.4 mm	printed, blue-yellow	600-602-30	10 pieces

CE

← 13,5 mm →

**Retraction screw Mini**

Material: Stainless steel

- with **cone-shaped** expansion screw holder
- screw body: closed
- guide pins: U-shaped, straight

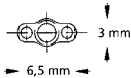
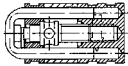
With expansion screw key straight, small – standard.

Indication: for space closing and movement of individual teeth

Maximum retraction	4 x 1/4 turn	Directional arrow	REF	Quantity
2.5 mm	= 0.4 mm	printed, blue-yellow	600-601-30	10 pieces

CE

← 13 mm →



Expansion screws

Special expansion screws



Retraction screw Medium

Material: Stainless steel

- with **cone-shaped** expansion screw holder
- screw body: closed
- guide pins: U-shaped, straight

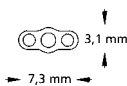
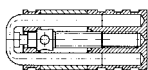
With expansion screw key straight, small – standard.

Indication: for space closing and movement of individual teeth

Maximum retraction	4 x 1/4 turn	Directional arrow	REF	Quantity
4.5 mm	= 0.4 mm	printed, blue-yellow	600-600-30	10 pieces

CE

← 17 mm →



Three dimensional screw acc. to Bertoni – three movements (Type A)

Material: Stainless steel

- strengthened guides
- three independently controlled movements
- same total expansion per segment

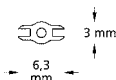
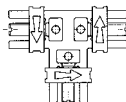
With expansion screw key straight, small – standard.

Indication: for combined transverse and protrusion movements with Y plates

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
4.0 mm/segment	= 0.35 mm/segment	printed, blue-yellow	602-605-10	1 piece

CE

← 16 mm →



Three dimensional screw acc. to Bertoni – two movements (Type B)

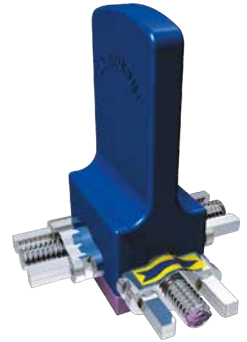
Material: Stainless steel

- strengthened guides
- two independently controlled movements (symmetrical transverse expansion)
- same total expansion per segment

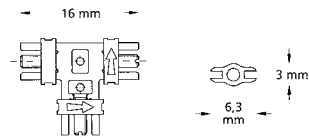
With expansion screw key straight, small – standard.

Indication: for combined transverse and protrusion movements with Y plates

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
4.0 mm/segment	= 0.35 mm/segment	printed, blue-yellow	602-606-10	1 piece



CE



Three dimensional screw acc. to Steiner

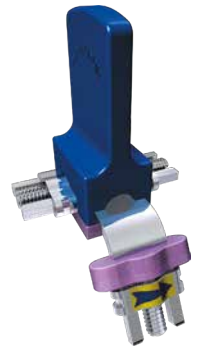
Material: Stainless steel

- 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

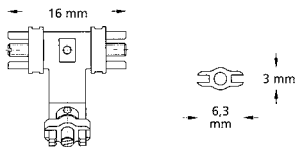
With expansion screw key straight, small – standard.

Indication: for combined transverse and protrusion movements with Y plates

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
4.0 mm/segment	= 0.35 mm/segment	printed, blue-yellow	602-604-10	1 piece



CE



Expansion screws

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, small – standard.

Indication: for maxillary anterior or posterior expansion

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.0 mm	= 0.8 mm	printed, blue-yellow	606-600-00	1 piece
7.0 mm	= 0.8 mm	printed, blue-yellow	606-600-30	10 pieces

CE

← 12 mm →



Mandibular bow screw acc. to Müller

Material: Stainless steel

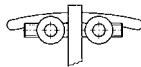
- with **cone-shaped** expansion screw holder
 - minimal fan-type opening of the arch screw, according to the anterior arch
- With expansion screw key straight, small – standard.

Indication: for transverse expansion of the mandibular anterior arch

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
5.0 mm	= 0.8 mm	Plastic, neon yellow	606-701-00	1 piece
5.0 mm	= 0.8 mm	Plastic, neon yellow	606-701-30	10 pieces

CE

← 20 mm →



Flexible forward thrust double plate system acc. to Schaneng

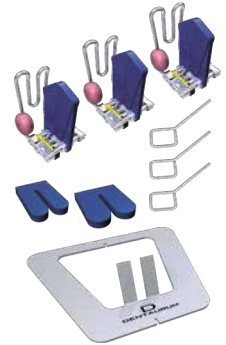
Material: Stainless steel

- flexibility of the intermaxillary element
- screws with guide ridge for forward thrust double plate. Double loop, wax coated

With expansion screw key straight, small – standard.

Indication: for treatment of Angle Class II/1 (distocclusion), for advancement of the mandible

REF 600-000-00	1 assortment
CE	Contents:
3 x screw 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

CE



Guide ridge adapter for flexible forward thrust double plate system acc. to Schaneng

To produce the diagonal level in the mandible.

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

The locating template supplied with the system ensures that the guide ridge slides properly on the lingual plate at a 60° angle.

Material: stainless steel

REF 600-005-00	1 piece
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Expansion screws

Special expansion screws



Expansion screw for split activator

Material: Stainless steel

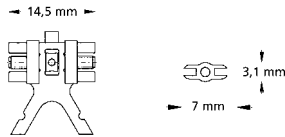
- with **cone-shaped** expansion screw holder
- strengthened guides

With expansion screw key straight, small – standard.

Indication: for separate expansion of maxilla and mandible

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.0 mm	= 0.8 mm	printed, blue-yellow	600-610-00	1 piece
7.0 mm	= 0.8 mm	printed, blue-yellow	600-610-30	10 pieces

CE



Expansion screw for progenia activator acc. to Weise

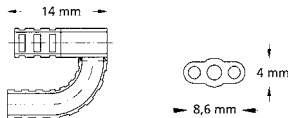
Material: Stainless steel

- 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 straight, small – standard.

Indication: for the treatment of Angle Class III (progenia), for distal shifting of the mandible

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
5.0 mm	= 0.9 mm	printed, blue-yellow	603-000-00	1 piece

CE



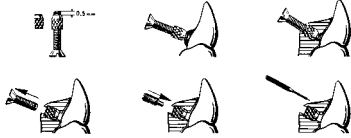
Piston spring screws assortment

Material: Stainless steel

- delicate design
- constant, elastic and easily 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 assortment
CE	
Contents:	
10 x piston spring screw, length 4 mm	REF 609-004-00
10 x piston spring screw, length 6 mm	REF 609-006-00
10 x piston spring screw, length 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 609-300-00
1 x screwdriver	REF 609-400-00



Piston spring screw

Material: Stainless steel

- delicate design
- constant, elastic and easily 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



CE

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



CE

Expansion screws

Special expansion screws



Reamer

For piston spring screw.

Material: stainless steel

REF 609-300-00	1 piece
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Screwdriver

For piston spring screw.

To activate the piston spring screw.

Material: stainless steel

REF 609-400-00	1 piece
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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 $\frac{1}{4}$ 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

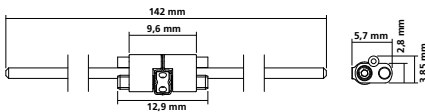
Maximum expansion: 8.0 mm

4 x $\frac{1}{4}$ turn = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	602-836-12	1 piece	602-836-32	10 pieces
straight	602-836-10	1 piece	602-836-30	10 pieces

CE 0483



NEW

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 $\frac{1}{4}$ 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

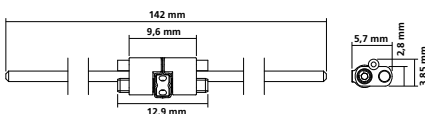
Maximum expansion: 8.0 mm

4 x $\frac{1}{4}$ turn = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	602-838-12	1 piece	602-838-32	10 pieces
straight	602-838-10	1 piece	602-838-30	10 pieces

CE 0483



NEW

Expansion screws

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 $\frac{1}{4}$ 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

Maximum expansion: 12.0 mm

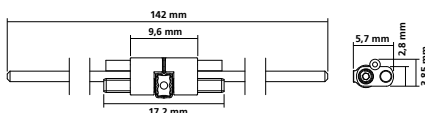
$4 \times \frac{1}{4}$ turn = 0.8 mm

Material: stainless steel

NEW

Retention legs	REF	Quantity	REF	Quantity
without	602-837-12	1 piece	602-837-32	10 pieces
straight	602-837-10	1 piece	602-837-30	10 pieces

CE 0483



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 $\frac{1}{4}$ 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

Maximum expansion: 12.0 mm

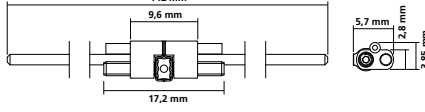
$4 \times \frac{1}{4}$ turn = 0.8 mm

Material: stainless steel

NEW

Retention legs	REF	Quantity	REF	Quantity
without	602-839-12	1 piece	602-839-32	10 pieces
straight	602-839-10	1 piece	602-839-30	10 pieces

CE 0483



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

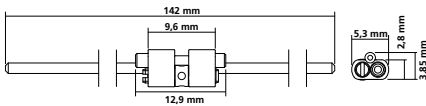
Maximum expansion: 8.0 mm

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
straight	602-815-10	1 piece	602-815-30	10 pieces

CE 0483



NEW

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

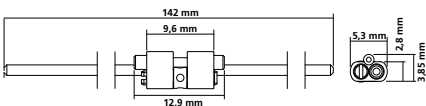
Maximum expansion: 8.0 mm

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
straight	602-819-10	1 piece	602-819-30	10 pieces

CE 0483



NEW

Expansion screws

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

Maximum expansion: 12.0 mm

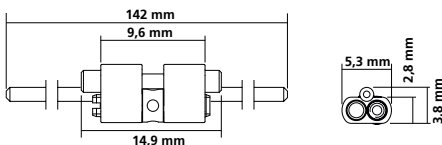
4 x 1/4 turn = 0.8 mm

Material: stainless steel

NEW

Retention legs	REF	Quantity	REF	Quantity
without	602-806-12	1 piece	602-806-32	10 pieces
straight	602-806-10	1 piece	602-806-30	10 pieces

CE 0483



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

Maximum expansion: 12.0 mm

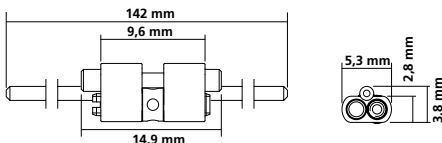
4 x 1/4 turn = 0.8 mm

Material: stainless steel

NEW

Retention legs	REF	Quantity	REF	Quantity
without	602-809-12	1 piece	602-809-32	10 pieces
straight	602-809-10	1 piece	602-809-30	10 pieces

CE 0483



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

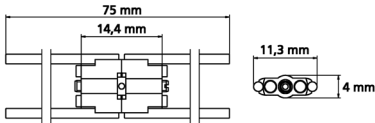
Material: titanium



Retention legs	REF	Quantity	REF	Quantity
without	602-810-12	1 piece	602-810-32	10 pieces
straight	602-810-10	1 piece	602-810-30	10 pieces

NEW

CE 0483



rematitan® straight wire

Titanium grade 1

Norm: DIN 17850

For laser welding.

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

CE 0483



DENTAURUM
ONLINE SHOP
shop.dentaurum.com



RPE screws



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
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- reliable activation/deactivation of the screw with clearly perceptible click after a $\frac{1}{4}$ turn
- no accidental reversing when pulling out safety key during activation
- minimal dimensions with maximum expansion range
- 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

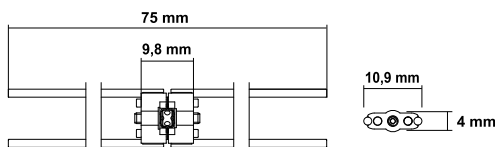
Maximum expansion: 7.0 mm

4 x $\frac{1}{4}$ turn = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	602-830-12	1 piece	602-830-32	10 pieces
straight	602-830-10	1 piece	602-830-30	10 pieces
angulated	602-831-10	1 piece	602-831-30	10 pieces

CE 0483



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
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- reliable activation/deactivation of the screw with clearly perceptible click after a $\frac{1}{4}$ turn
- no accidental reversing when pulling out safety key during activation
- minimal dimensions with maximum expansion range
- 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

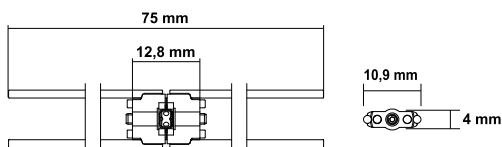
Maximum expansion: 10.0 mm

4 x $\frac{1}{4}$ turn = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	602-832-12	1 piece	602-832-32	10 pieces
straight	602-832-10	1 piece	602-832-30	10 pieces
angulated	602-833-10	1 piece	602-833-30	10 pieces

CE 0483



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
- built-in stops prevent the screws from coming apart once maximum expansion has been obtained
- reliable activation/deactivation of the screw with clearly perceptible click after a $\frac{1}{4}$ turn
- no accidental reversing when pulling out safety key during activation
- minimal dimensions with maximum expansion range
- 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

Maximum expansion: 12.0 mm

4 x $\frac{1}{4}$ turn = 0.8 mm

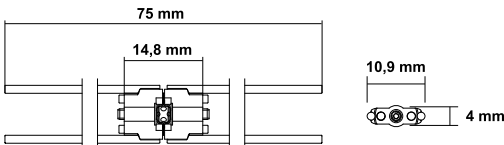
Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
without	602-834-12	1 piece	602-834-32	10 pieces
straight	602-834-10	1 piece	602-834-30	10 pieces
angulated	602-835-10	1 piece	602-835-30	10 pieces



NEW

CE 0483



tomas®-RPE eyelet

(coupling element for RPE screws)

Eyelet for direct coupling between tomas®-pin with hyrax® click or hyrax® with two supports for easier placement on working model.

For use with hybrid RPE appliance or skeletal RPE appliance.

Outer ø eyelet	Inner ø eyelet	Thickness eyelet	REF	Quantity
5.0 mm	upper 3.0 mm lower 2.3 mm	1.5 mm	302-602-00	12 pieces + 2 supports



CE 0483

NEW

RPE screws



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
- 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

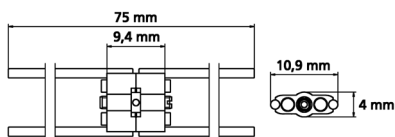
Maximum expansion: 7.0 mm

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
straight	602-800-10	1 piece	602-800-30	10 pieces
angulated	602-801-10	1 piece	602-801-30	10 pieces

CE 0483



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

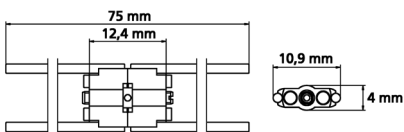
Maximum expansion: 10.0 mm

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
straight	602-808-10	1 piece	602-808-30	10 pieces
angulated	602-840-10	1 piece	602-840-30	10 pieces

CE 0483



NEW

hyrax® Maxi – 12

RPE screw

For rapid palatal expansion by means of fixed appliances.

- the retention legs can be angled near to the screw body
 - built-in stops prevent the screws from coming apart once maximum expansion has been obtained
 - 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

Maximum expansion: 12.0 mm

4 x 1/4 turn = 0.8 mm

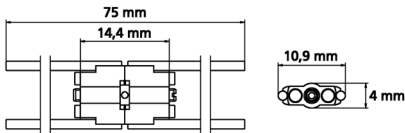
Material: stainless steel



NEW

Retention legs	REF	Quantity	REF	Quantity
without	602-811-12	1 piece	602-811-32	10 pieces
straight	602-811-10	1 piece	602-811-30	10 pieces
angulated	602-812-10	1 piece	602-812-30	10 pieces

CE 0483



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

CE



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 Dentaureum hyrax® and Variety screws.
For safe intra-oral activation of the expansion screws in fixed appliances.

REF 611-120-01	10 pieces
----------------	-----------

CE



Expansion screw key straight, small – standard

Can be used with all Dentaureum 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 Dentaureum expansion screws.
To activate all expansion screws in removable appliances (outside of the mouth).
Material: stainless steel

REF 611-116-00	1 piece
----------------	---------



Expansion screw sample kit

Includes a selection of expansion screws from Dentaureum's large range of expansion screws.
Filled with 27 expansion screws that are also available separately, 2 expansion screw keys and 1 universal bending key. **1 set = 30 pieces.**

REF 612-000-00	1 set
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CE 0483

Wedge gauge

For checking the gap width on palatal expanders.

REF 043-720-00

1 piece



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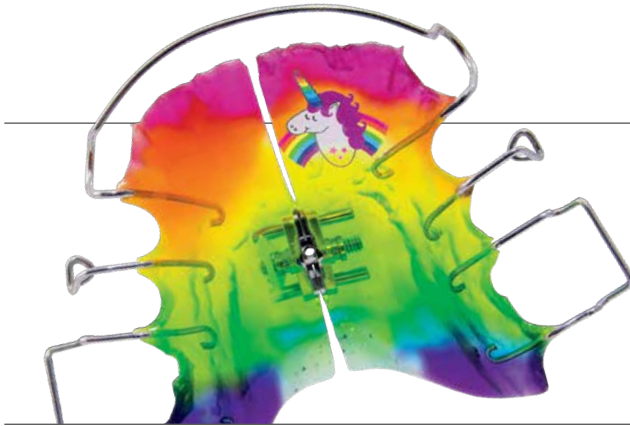
Orthodontic acrylics.

Vibrant colors – fascinating varieties.



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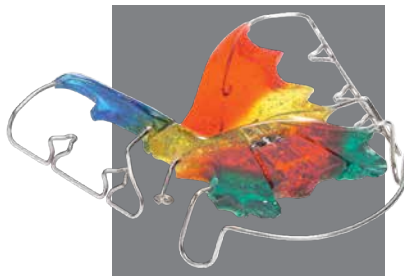




The versatile acrylic system.

Orthocryl® has been a fixture in orthodontic laboratories for more than 50 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

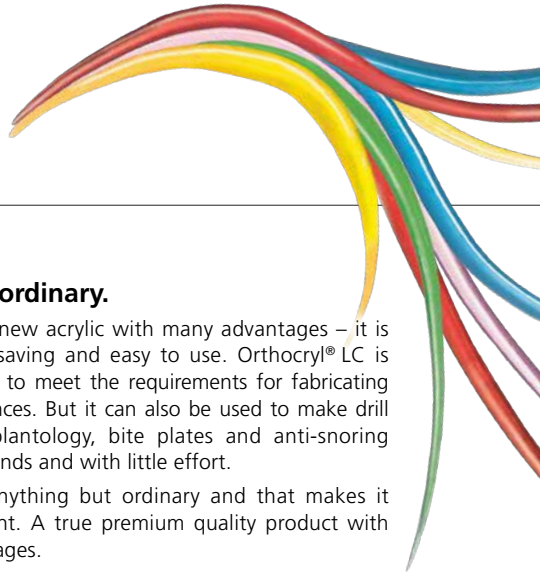
All from one source.



Orthocryl[®] LC



The light-curing acrylic for orthodontists.



Anything but ordinary.

Orthocryl[®] LC is a new 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 plaster model.

Orthocryl® LC is available in six vibrant colors. Adding Disco glitter or decals from the extensive Orthocryl® program makes each appliance unique.



Orthodontic acrylics

Orthocryl® LC / Starter sets



Orthocryl® LC starter set

Light-curing acrylic.

REF 160-400-00	1 assortment
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CE 0483

Contents:

1 x Orthocryl® LC, clear	REF 160-401-00
1 x Orthocryl® LC, transparent pink	REF 160-402-00
1 x Orthocryl® LC, red	REF 160-403-00
1 x Orthocryl® LC, blue	REF 160-404-00
1 x Orthocryl® LC, yellow	REF 160-405-00
1 x Orthocryl® LC, green	REF 160-406-00
1 x injector for Orthocryl® LC	REF 160-420-00
50 x cartridge tips for Orthocryl® LC	REF 160-421-00



Orthocryl® LC starter set, clear

Light-curing acrylic.

REF 160-400-20	1 assortment
----------------	--------------

CE 0483

Contents:

6 x Orthocryl® LC, clear	REF 160-401-00
1 x injector for Orthocryl® LC	REF 160-420-00
50 x cartridge tips for Orthocryl® LC	REF 160-421-00

Orthocryl® LC

Light-curing acrylic in opaque cartridges.

Color	REF	Quantity
clear	160-401-00	30 g
transparent pink	160-402-00	30 g
red	160-403-00	30 g
blue	160-404-00	30 g
yellow	160-405-00	30 g
green	160-406-00	30 g



CE 0483



Orthodontic acrylics

Orthocryl® LC / Accessories



Bite paste

For Orthocryl® LC.

Color	REF	Quantity
transparent	160-410-00	50 g

CE 0483



Injector

For Orthocryl® LC.

REF 160-420-00	1 piece
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Cartridge tips

For Orthocryl® LC.

REF 160-421-00	50 pieces
----------------	-----------



Cleaning liquid

For Orthocryl® LC.

REF 160-430-00	100 ml
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Stand for cartridges

For Orthocryl® LC. Fits 6 cartridges.

Material: Plastic

Do not use disinfectants containing ethanol, phenol or alcohol.

Dimensions: ca. 170 x 110 x 110 mm (W x H x D)

Color	REF	Quantity
transparent, clear	160-422-00	1 piece



Separating medium

Special alginate-based separating agent that forms a thin, abrasive-resistant separating film.

Separates:

- plaster from acrylic
- plaster from plaster

Color	REF	Quantity
pink	162-800-00	1000 ml

Orthocryl® assortment

REF 161-912-00	1 assortment
CE 0483	
Contents:	
1 kg Orthocryl® powder (polymer), clear	REF 160-112-00
500 ml Orthocryl® liquid (monomer), clear	REF 161-100-00
1000 ml 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® Small pack powder (polymer) and liquid (monomer)

Color	REF	Quantity
transparent pink	160-501-00	200 g + 100 ml
clear	160-502-00	200 g + 100 ml

CE 0483



Orthocryl® assortment multicolored palette

REF 160-600-00	1 assortment
CE 0483	
Contents:	
1 kg Orthocryl® powder (polymer), clear	REF 160-112-00
250 ml Orthocryl® liquid (monomer), red	REF 161-127-00
250 ml Orthocryl® liquid (monomer), green	REF 161-128-00
250 ml Orthocryl® liquid (monomer), blue	REF 161-129-00
250 ml Orthocryl® liquid (monomer), yellow	REF 161-130-00
1 x funnel	REF 162-600-00



Orthocryl® Neon assortment Brightly colored orthodontic acrylics Liquid (monomer)

Neon-colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin permitting the simple and economical 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
CE 0483	
Contents:	
1 kg Orthocryl® powder (polymer), clear	REF 160-112-00
250 ml Orthocryl® liquid (monomer), neon yellow	REF 161-135-00
250 ml Orthocryl® liquid (monomer), neon orange	REF 161-136-00
250 ml Orthocryl® liquid (monomer), neon pink	REF 161-137-00
250 ml Orthocryl® liquid (monomer), neon green	REF 161-138-00
1 x funnel	REF 162-600-00



Orthocryl® acrylics

Orthocryl® / Single packs



Orthocryl®

Powder (polymer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for 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

CE 0483



Orthocryl® EQ

Powder (polymer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for 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

CE 0483



Orthocryl® black & white

Powder (polymer), opaque

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for 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

CE 0483



Orthocryl® Neon

Brightly colored orthodontic acrylics

Liquid (monomer)

Neon-colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin permitting the simple and economical 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

CE 0483

Orthocryl®

Liquid (monomer)

Cold curing acrylic resin permitting the simple and economical 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



CE 0483

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



CE 0483

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



Disco glitter



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



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
CE	
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 teddybear	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



CE

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



CE

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 designs



CE

Decals

Decals

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

NEW

CE

Decals

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

CE

Decals

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



Decals

Decals

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



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 made of silicone

Flexible, with suction base. For all mixing jobs in the practice and laboratory.

Do not use with silicone materials!

Capacity	REF	Quantity
5 ml	162-501-00	3 pieces
25 ml	162-502-00	1 piece
75 ml	162-503-00	1 piece



Spout

For Orthocryl® bottles (liquid/monomer, 250 ml, 500 ml, 1000 ml).

REF 162-750-01	1 piece
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Funnel

REF 162-600-00	1 piece
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Measuring beaker

REF 162-200-00	1 piece
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Accessories



Dispensing pipette

For Orthocryl® color concentrates.

REF 162-101-00

10 pieces



Separating medium

Special alginate-based separating agent that forms a thin, abrasive-resistant separating film.

Separates:

- plaster from acrylic
- plaster from plaster

Color	REF	Quantity
pink	162-800-00	1000 ml



3D separating medium

Forms a separating layer between the acrylic models and Orthocryl®/Orthocryl® LC.

Color	REF	Quantity
green	162-801-00	100 ml

NEW



Modeling wax

For acrylic work, construction bites etc.

- well adaptable
- very easy to model
- firm up to approx. 37 °C / 98.6 °F
- easy fixation of teeth

Melting point	Dimensions (L x W)	Thickness	Color	REF	Quantity
60 °C / 140 °F	175 x 80 mm	1.5 mm	pink	119-150-00	500 g

CE



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

Bur for acrylics**with mill toothing cut, straight**

- cutting properties

Application: acrylicsMaximum speed: 15000 min⁻¹

ISO Number	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, acrylicsRecommended speed: 15000–20000 min⁻¹Maximum speed: 30000 min⁻¹

ISO Number	Form	REF	Quantity
500.104.263.190.070	bud, rounded, slender	180-308-00	1 piece



Super hard metal bur and cutter with cross tothing cut, coarse

- high precision milled
- best cutting properties

Application: acrylics, cast partial denture

Recommended speed: 20000–25000 min⁻¹

Maximum speed: 50000 min⁻¹



ISO Number	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 tothing cut, coarse

- high precision milled
- best cutting properties

Application: plaster, acrylics

Recommended speed: 20000–25000 min⁻¹

Maximum speed: 30000 min⁻¹



ISO Number	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



Super hard metal bur

with mill tothing cut, wound right

- tungsten carbide
- precision cut
- best cutting properties

Application: CoCr alloys, acrylics

Recommended speed: 20000–25000 min⁻¹

Maximum speed: 30000 min⁻¹

ISO Number	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

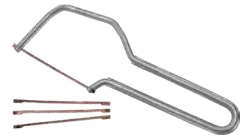
For orthodontics/prosthetics.

Small saw with replaceable blades.

Contents:

Saw incl. 3 saw blades

REF 180-702-00	1 piece
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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/linen, 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



Accessories



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: 1500–4000 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

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, mounted

- non-damaging to metal parts, clasps

Application: orthodontics appliances, pre-polishing of cast partial denture, soft remaining relining

Recommended speed: 10000 min⁻¹

Maximum speed: 15000 min⁻¹

ISO Number	Form	REF	Quantity
658.104.201.524.150	conical, domed end	138-620-00	10 pieces
658.104.497.524.100	bud, oval	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



Orthodontic acrylics

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

NEW



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

NEW



Heating plate

For Polyclav® (REF 070-000-00 and 070-010-00).

Power voltage	REF	Quantity
230 V~	070-900-00	1 piece
115 V~	070-901-00	1 piece

Technical data

Output	125 W
Thermostat for water temperature	43 °C / 109.4 °F
Power frequency	50/60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 x 240 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 072-001-30, 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 x 260 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	100–240 V~ at 50/60 Hz
Turning rotations	1200 / 1600 / 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 x 240 x 280 mm

REF 098-000-00

1 piece



Cleaning pins for activeblue

For activeblue cleaning unit.

REF 098-001-00

1 jar of 75 g



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



Premium-Line pliers /
Fixed appliance technique

Page 390

Premium-Line pliers /
Removable appliance technique

Page 398



Premium-Line pliers.

Premium quality – premium function.



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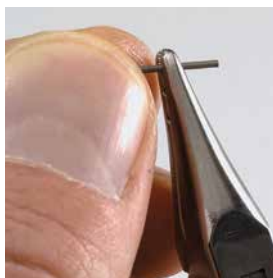


One program to cover all areas.

Whether for removable orthodontics or for prosthetics, the Dentaureum pliers program covers 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, Dentaureum'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.

**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
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CE



Blades 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
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CE



Special bracket debonding pliers, 45° angled sterilizable

For the removal of brackets and adhesive residues. 45° angled cutting surface. Hard metal inserts. Repair service available.

Premium-Line · 10 year guarantee

REF 004-350-00	1 piece
----------------	---------

CE



Bracket removing pliers, straight sterilizable

For removing brackets between bracket base and adhesive.
With hard metal inserts. Repair service available.

Length: 13.0 cm

Premium-Line · 10 year guarantee

REF 004-346-00	1 piece
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CE



Bracket removing pliers sterilizable

For removing brackets between bracket base and adhesive.
Repair service available.

Premium-Line · 10 year guarantee

REF 003-349-00	1 piece
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CE



Plastic inserts sterilizable

For bracket removing pliers, REF 003-349-00 and 045-005-00.

REF 038-356-00	4 pieces
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CE

Premium-Line pliers / Fixed appliance technique

Bracket removing pliers, angled sterilizable

For easy removal of lingual brackets and brackets in the posterior region. With hard metal insert. Repair service available.

Premium-Line · 10 year guarantee

REF 004-347-00	1 piece
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CE



Bracket removing pliers sterilizable

For removing brackets and adhesive residues. Repair service available. With rubber insert.

Premium-Line · 10 year guarantee

REF 004-349-00	1 piece
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CE



Rubber inserts sterilizable

For bracket removing pliers, REF 004-349-00.

REF 037-355-00	2 pieces
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CE



Oliver-Jones band removing pliers sterilizable

With replaceable plastic tip. With hard metal insert. Repair service available.

Premium-Line · 10 year guarantee

REF 026-347-00	1 piece
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CE



Plastic tips sterilizable

For Oliver-Jones band removing pliers, REF 026-347-00 and 045-004-00.

REF 039-357-00	10 pieces
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CE



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
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CE



Premium-Line pliers / Fixed appliance technique



Separating pliers sterilizable

For expanding Dentalastics® separating rings before positioning.

Premium-Line · 10 year guarantee

REF 015-160-00	1 piece
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CE



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.

Premium-Line · 10 year guarantee

REF 003-112-00	1 piece
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CE



How pliers, curved sterilizable

These curved pliers are especially suited for the posterior region.

Premium-Line · 10 year guarantee

REF 003-111-00	1 piece
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CE



Side cutter Maxi sterilizable

Inserts made of hard metal. Repair service available. We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!

Max. wire thickness: \varnothing 1.0 mm, hard

Premium-Line · 10 year guarantee

REF 004-266-00	1 piece
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CE



Distal end cutter Mini sterilizable

For shortening the archwire ends in the multi-bracket technique. Delicate design. Wire holder. Inserts made of hard metal. Repair service available.

Length: 12.0 cm

Max. wire thickness: \square 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-701-00	1 piece
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CE



Distal end cutter Mini sterilizable

With longer handles for easier handling when shortening archwire ends. Delicate design. Wire holder. Inserts made of hard metal. Repair service available.

Length: 14.0 cm

Max. wire thickness: \square 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-702-00	1 piece
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CE

Premium-Line pliers / Fixed appliance technique

Distal end cutter Maxi sterilizable

For shortening the archwire ends in the multi-bracket technique. Robust design. Wire holder. Inserts made of hard metal. Repair service available.

Length: 12.0 cm

Max. wire thickness: \square 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-700-00

1 piece

CE



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: \emptyset 0.50 mm / 20

Premium-Line · 10 year guarantee

REF 003-705-00

1 piece

CE



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: \emptyset 0.50 mm / 20

Premium-Line · 10 year guarantee

REF 003-706-00

1 piece

CE



Silicone O-rings sterilizable

For Flush Cutter Mini and Maxi, REF 003-705-00 and 003-706-00.

REF 037-356-00

10 pieces

CE



Ligature cutter Mini sterilizable

Accuracy right to the tip for smooth cutting of soft ligature wires. With hard metal inserts. Repair service available.

We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!

Max. wire thickness: \emptyset 0.4 mm, soft

Premium-Line · 10 year guarantee

REF 014-151-00

1 piece

CE



Ligature cutter 45° sterilizable

45° angled cutting tips for easy cutting of ligatures, especially in the posterior areas. With hard metal inserts. Repair service available.

We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!

Max. wire thickness: \emptyset 0.4 mm, soft

Premium-Line · 10 year guarantee

REF 014-152-00

1 piece

CE



Premium-Line pliers / Fixed appliance technique



Side cutter Medium sterilizable

Black DLC coating. Smooth cuts guaranteed by accurate cutting edges. Inserts made of hard metal. Repair service available.

We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!

Max. wire thickness: \varnothing 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 016-153-00	1 piece
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CE



Light Wire pliers sterilizable

For especially fine wire bending in the light wire technique.

Max. wire thickness: \varnothing 0.5 mm, spring hard

Premium-Line · 10 year guarantee

REF 003-130-00	1 piece
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CE



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: \varnothing 0.5 mm, spring hard

Premium-Line · 10 year guarantee

REF 004-130-00	1 piece
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CE



Angle/Tweed ribbon arch pliers sterilizable

For applying torque to edgewise wires. Parallel grip prevents crushing of wire. Inserts made of hard metal.

Max. wire thickness: \square 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-442-00	1 piece
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CE



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: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-120-00	1 piece
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CE



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: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-121-00	1 piece
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CE

Premium-Line pliers / Fixed appliance technique

Lingual bending pliers

sterilizable

For bending steps and compensation bends in archwires for the lingual technique.

Steps: 1.5; 2.0; 2.5 and 3.0 mm

Max. wire thickness: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-001-00

1 piece

CE



Nance loop bending pliers

sterilizable

With four-step beaks for bending loops of different sizes in round and rectangular wires.

Max. wire thickness: \varnothing 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 000-001-00

1 piece

CE



Nance loop closing pliers

sterilizable

For bending stop loops and as special pliers for Adams clasps.

Max. wire thickness: \varnothing 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 001-002-00

1 piece

CE



Jarabak Light Wire pliers

sterilizable

With guiding grooves.

Max. wire thickness: \varnothing 0.5 mm, spring hard

Premium-Line · 10 year guarantee

REF 003-125-00

1 piece

CE



Tweed loop forming pliers

sterilizable

For especially fine bendings.

Max. wire thickness: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 012-350-00

1 piece

CE



Tweed loop forming pliers

sterilizable

For especially fine bendings.

With individually replaceable hard metal tip.

Max. wire thickness: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 012-351-00

1 piece

CE



Hard metal tip

sterilizable

For Tweed loop forming plier, REF 012-351-00.

REF 038-357-00

3 pieces

CE



Premium-Line pliers / Fixed appliance technique



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
----------------	---------

CE



Arch forming pliers sterilizable

For individual construction and activation of lingual/palatal bars. Using these pliers, the bent tips of the wire will fit into all Dentaurem lingual/palatal tubes $\varnothing 2 \times 0.9$ mm.

Max. wire thickness: $\varnothing 0.9$ mm, hard

Premium-Line · 10 year guarantee

REF 003-185-00	1 piece
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CE



Herbst TS/SUS crimping pliers sterilizable

For clamping slotted spacers for Herbst TS and SUS.

Premium-Line · 10 year guarantee

REF 003-710-00	1 piece
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CE



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
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CE



Angle wire bending pliers standard sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak.

Max. wire thickness: $\varnothing 0.7$ mm, hard

Premium-Line · 10 year guarantee

REF 003-139-00	1 piece
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CE



Angle wire bending pliers sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak. Inserts made of hard metal.

Max. wire thickness: $\varnothing 0.7$ mm, hard

Premium-Line · 10 year guarantee

REF 004-139-00	1 piece
----------------	---------

CE

Premium-Line pliers / Fixed appliance technique

Facebow bending pliers Magnum sterilizable

Ideal for bending the outer bows of a facebow.
Max. wire thickness: \varnothing 1.8 mm

Premium-Line · 10 year guarantee

REF 003-180-01

1 piece

CE



Loop forming pliers Extra Mini sterilizable

Ideally suited for forming different loops and adjusting
preshaped arches for the fixed appliance technique.

Max. wire thickness: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-350-00

1 piece

CE



Loop forming pliers Mini sterilizable

For loop forming and bending of round and rectangular wires.

Max. wire thickness: \varnothing 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-351-00

1 piece

CE



Ligature forming pliers sterilizable

For forming ligatures.

Max. wire thickness: \varnothing 0.3 mm, soft

Premium-Line · 10 year guarantee

REF 015-158-00

1 piece

CE



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:

\varnothing 0.45 mm / 18, ∇ 0.41 x 0.56 mm / 16 x 22

Premium-Line · 10 year guarantee

REF 003-355-00

1 piece

CE



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:

\varnothing 0.5 mm, hard, ∇ 0.48 x 0.64 mm / 19 x 25

Premium-Line · 10 year guarantee

REF 003-205-00

1 piece

CE



Premium-Line pliers / Removable appliance technique



Loop forming pliers Medium

For bending small springs, eyelets and loops.

Max. wire thickness: \varnothing 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 003-053-00

1 piece



Loop forming pliers Maxi

For bending springs, loops and space maintainers.

Max. wire thickness: \varnothing 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: \varnothing 1.1 mm, hard

Premium-Line · 10 year guarantee

REF 001-650-00

1 piece



Adams pliers Medium

With two smooth, rectangular beaks. Tungsten carbide coated working faces. Repair service available.

Length: 12.0 cm

Max. wire thickness: \varnothing 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: \varnothing 0.7 mm, spring hard

Premium-Line · 10 year guarantee

REF 004-515-00

1 piece



Adams pliers Maxi

With two smooth, rectangular beaks.

Length: 14.5 cm

Max. wire thickness: \varnothing 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 003-094-00

1 piece

Premium-Line pliers / Removable appliance technique

Adams pliers Medium

With one smooth, rectangular and one smooth, rounded beak.

Length: 14.0 cm

Max. wire thickness: \varnothing 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: \varnothing 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 004-095-00

1 piece



Wire bending pliers, wide

Serrated tips. Suitable for activating finger springs.

With guiding groove.

Max. wire thickness: \varnothing 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 033-452-00

1 piece



Wire bending pliers Maxi

Universal bending and cutting pliers.

Inserts made of hard metal.

Max. wire thickness: \varnothing 0.9 mm, hard

Cuts up to: \varnothing 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. Tungsten carbide coated working faces. Repair service available.

Max. wire thickness: \varnothing 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 003-290-00

1 piece



Pointed beak pliers

Smooth beaks with guiding groove.

Inserts made of hard metal.

Max. wire thickness: \varnothing 0.7 mm, spring hard

Premium-Line · 10 year guarantee

REF 004-455-00

1 piece



Premium-Line pliers / Removable appliance technique



Pointed beak pliers

Serrated beaks with guiding groove. Fine pointed.

Max. wire thickness: \varnothing 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: \varnothing 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: \varnothing 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 003-201-00

1 piece



Aderer 3-Prong pliers Medium

Length: 13.0 cm

Max. wire thickness: \varnothing 0.9 mm, hard

Premium-Line · 10 year guarantee

REF 003-200-00

1 piece



Aderer 3-Prong pliers Maxi

Sturdy design.

Length: 15.5 cm

Max. wire thickness: \varnothing 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: \varnothing 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 012-520-00

1 piece



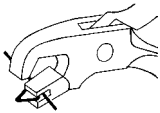
Arrow clasp bending pliers

Max. wire thickness: \varnothing 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 012-521-00

1 piece



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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

CE



Plastic inserts

sterilizable

For bracket removing pliers, REF 003-349-00 and 045-005-00.

REF 038-356-00

4 pieces

CE



Distal end cutter

sterilizable

For shortening the archwire ends in the multi-bracket technique. Wire holder. Inserts made of hard metal.
Max. wire thickness: \square 0.56 x 0.70 mm / 22 x 28

REF 045-021-00

1 piece

CE



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: \varnothing 0.7 mm, hard

REF 045-022-00

1 piece

CE



Oliver-Jones band removing pliers

sterilizable

With replaceable plastic tip.

REF 045-004-00

1 piece

CE



Plastic tips

sterilizable

For Oliver-Jones band removing pliers, REF 026-347-00 and 045-004-00.

REF 039-357-00

10 pieces

CE



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

CE

EQ-Line pliers / Fixed appliance technique

Angle/Tweed ribbon arch pliers sterilizable

For torquing square wires. Parallel retention prevents compression of the wire.

Max. wire thickness: \square 0.56 x 0.70 mm / 22 x 28

REF 045-000-00	1 piece
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CE



Weingart universal pliers sterilizable

For positioning the arch and bending the arch wire ends. Accurately closing serrated tips.

Max. wire thickness: \emptyset 0.5 mm, hard

REF 045-003-00	1 piece
----------------	---------

CE



Nance loop bending pliers sterilizable

With four-step beaks for producing loops of different sizes in round and rectangular wires.

Max. wire thickness: \emptyset 0.7 mm, spring hard

REF 045-010-00	1 piece
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CE



Jarabak Light Wire pliers sterilizable

Max. wire thickness: \emptyset 0.5 mm, spring hard

REF 045-009-00	1 piece
----------------	---------

CE



Tweed loop forming pliers sterilizable

For especially fine bendings.

Max. wire thickness: \emptyset 0.5 mm, hard

REF 045-001-00	1 piece
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CE



Angle wire bending pliers sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak.

Max. wire thickness: \emptyset 0.7 mm, hard

REF 045-002-00	1 piece
----------------	---------

CE



EQ-Line pliers / Removable appliance technique



Loop forming pliers Medium

Max. wire thickness: \varnothing 0.7 mm, hard

REF 045-012-00

1 piece



Loop forming pliers Maxi

E.g. for bending space maintainers.
Max. wire thickness: \varnothing 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: \varnothing 1.1 mm, hard

REF 045-014-00

1 piece



Adams pliers Medium

With two smooth rectangular beaks.
With guiding groove.

Max. wire thickness: \varnothing 0.7 mm, hard

REF 045-015-00

1 piece



Adams pliers Maxi

With two smooth rectangular beaks.
With groove.

Max. wire thickness: \varnothing 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: \varnothing 0.8 mm, hard

REF 045-017-00

1 piece

EQ-Line pliers / Removable appliance technique

Wire bending pliers Maxi

Max. wire thickness: \varnothing 0.9 mm, hard
Cuts up to: \varnothing 0.7 mm, hard

REF 045-019-00

1 piece



Pointed beak pliers

Smooth beaks with guiding groove. Fine pointed.
Max. wire thickness: \varnothing 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: \varnothing 0.7 mm, hard

REF 045-011-00

1 piece



Aderer 3-Prong pliers Extra Mini

Max. wire thickness: \varnothing 0.8 mm, hard

REF 045-020-00

1 piece



Aderer 3-Prong pliers Mini

Max. wire thickness: \varnothing 0.7 mm, hard

REF 045-007-00

1 piece



Aderer 3-Prong pliers Medium

Max. wire thickness: \varnothing 0.9 mm, hard

REF 045-008-00

1 piece



Pliers / Fixed and removable appliance technique



Distal end cutter, lingual
sterilizable

Max. wire thickness: \square 0.41 x 0.56 mm / 16 x 22

REF 003-703-00	1 piece
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CE



Ligature cutter, lingual
sterilizable

Max. wire thickness: \emptyset 0.35 mm / 14

REF 014-153-00	1 piece
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CE



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: \emptyset 1.3 mm, hard

REF 044-177-00	1 piece
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Lip retractor**sterilizable, maximum 50 x up to 121 °C / 249.8 °F**

For efficient work without assistance. With flexible connector.

Version	Material	REF	Quantity
small	plastic	075-601-00	1 piece
large	plastic	075-600-00	1 piece



CE

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

CE

**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

CE

**Crimping tweezers****sterilizable****For posterior teeth.**

Specially suited for placing brackets and buccal tubes in the posterior area.

REF 025-279-00

1 piece

CE

**Crimping tweezers****sterilizable**

Delicate tweezer design for easy bracket and buccal tube placement.

REF 025-280-00

1 piece

CE

**discovery® pearl debonding instrument****sterilizable**For easy and secure removal of **discovery® pearl ceramic brackets**.

REF 019-001-00

1 piece

CE



Instruments



sl-instrument

sterilizable

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

Handle color: gold

REF 023-276-00

1 piece



sl-instrument

sterilizable

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

Handle color: silver

REF 023-277-00

1 piece



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



Scaler, double-ended

sterilizable

For removing adhesive and cement residues.

With serrated band seater.

REF 027-349-00

1 piece



Separating strips

sterilizable

Width	Coating	REF	Quantity
4 mm	double-sided	018-001-00	12 pieces
4 mm	one-sided	018-002-00	12 pieces



Scissors

For cutting thin metal bands.

Version	REF	Quantity
straight	007-024-00	1 piece
curved	008-025-00	1 piece

**Eby band seater
disinfectable**

Material: stainless steel

With curved tip for posterior region.

Circular snap device.

Seating pressure range: 0.8–10 N (about 80–1.000 g).

Note:

The removable tip is sterilizable.

REF 051-023-00	1 piece
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CE

**Hard metal tip
sterilizable**

For Eby Band Seater REF 051-023-00.

Version	REF	Quantity
curved	051-024-00	1 piece
straight	051-025-00	1 piece

CE

**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
----------------	---------

CE

**Band seater
sterilizable**

With large surface tin inlay.

REF 003-006-00	1 piece
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CE



Instruments



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

CE



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

CE



Needle holder Medium

acc. to Mathieu

sterilizable

Ideal for ligating. Convenient and practical design with serrated tips.

REF 000-030-00

1 piece

CE



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

CE



Needle holder Mini

acc. to Mathieu

sterilizable

With especially fine serrated tips. For Dentalastics® plastic ligatures. **Not for wire ligatures.**

REF 000-031-00

1 piece

CE

Mosquito forceps without hook
sterilizable

Crown forceps or for placing Dentalastics® plastic ligatures.

REF 000-730-00

1 piece

CE



Mosquito forceps with hook
sterilizable

For placing Dentalastics® plastic ligatures.

REF 000-731-00

1 piece

CE



Mosquito forceps, curved
sterilizable

For placing and ligating Dentalastics® plastic ligatures, especially for the lingual technique.

REF 000-732-00

1 piece

CE



Dental mirror with reference lines
(assembled), lingual
sterilizable

REF 023-279-00

1 piece

CE



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

REF 023-279-10

1 piece

CE



Positioning tool, lingual
sterilizable

REF 023-278-00

1 piece

CE



Instruments



Ligator sterilizable

Instrument for fast ligating of the complete arch and figure-eight ligatures. Y-shaped tip simplifies the twisting of the ligatures.

Max. wire thickness: \varnothing 0.3 mm, soft

REF 023-288-00	1 piece
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CE



Accessories for ligator (REF 023-288-00) sterilizable



Spare part	REF	Quantity
Hard metal tip	023-289-00	1 piece
Spool	023-290-00	1 piece
Screw	023-291-00	1 piece



CE



Ligature tightener and adapter sterilizable

Ligature adjuster and tucker for long preformed ligatures.

REF 022-274-00	1 piece
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CE



Ligature adapter, double ended sterilizable

For bending and adapting wire ligatures.

REF 021-273-00	1 piece
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CE



Distal end bender, double-ended

acc. to Langer

sterilizable

Sturdy instrument for bending arch wire ends.

Handle \varnothing : 8 mm

REF 019-000-00	1 piece
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CE

Arch turret without torque

REF 004-180-00 1 piece

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

**Arch turret with torque / 16**

REF 004-186-00 1 piece

For forming flat or angulated (torque) rectangular arches.

☑ 0.41 x 0.41 mm / 16 x 16

in 0°, 7°, 10°, 13° and 16° Torque

Color: red

**Arch turret with torque / 16 x 16**

REF 004-187-00 1 piece

For forming flat or angulated (torque) rectangular arches.

☑ 0.41 x 0.41 mm / 16 x 16

in 0°, 10°, 16° and 23° Torque

Specially designed for the Ricketts® technique.

Color: green

**Arch turret with torque / 18**

REF 004-182-00 1 piece

For forming flat or angulated (torque) rectangular arches.

☑ 0.46 x 0.64 mm / 18 x 25

in 0°, 7°, 10°, 13° and 16° Torque

Color: gold

**Arch turret with torque / 22**

REF 004-184-00 1 piece

For forming flat or angulated (torque) rectangular arches.

☑ 0.56 x 0.70 mm / 22 x 28

in 0°, 7°, 10°, 13° and 16° Torque

Color: silver



Instruments



LinguForm arch turret without torque

For forming flat, plain arches made of round or rectangular wires for the lingual technique.

∅ 0.35 mm / 14, ∅ 0.35 mm / 14

∅ 0.41 mm / 16, ∅ 0.41 mm / 16

∅ 0.46 mm / 18, ∅ 0.46 mm / 18

∅ 0.48 mm / 19, ∅ 0.48 mm / 19

∅ 0.51 mm / 20, ∅ 0.51 mm / 20

Color: silver

REF 004-190-00

1 piece



Tension and compression gauge

Handy device for measuring tensile and compressive forces.

Pressure side with guide slot and fork. Tension side with hook.

Measuring scales on pressure and tension sides.

Not approved for intra-oral use!

Measuring range: 25–500 g

REF 006-013-00

1 piece



Measuring gauge

For measuring tensile and compressive forces.

Measuring range	REF	Quantity
25–250 g	040-711-00	1 piece
50–500 g	040-712-00	1 piece
100–1000 g	040-713-00	1 piece

Dental vernier

acc. to Beerendonk

With fine, long tips. Suitable for measurements on the model.

REF 042-750-00

1 piece

**Dental vernier (Münchener 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 (Münchener design)****sterilizable**

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



Diagnostics



Orthometer kit

acc. to Korkhaus

Set with orthometer, mm disk, cm disk and bow divider.

REF 029-360-01

1 set



Orthometer

For Orthometer kit acc. to Korkhaus, REF 029-360-01.

REF 029-364-00

1 piece

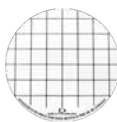


Bow divider

For Orthometer kit acc. to Korkhaus, REF 029-360-01.

REF 029-361-01

1 piece

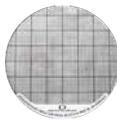


Centimeter disc

For Orthometer kit acc. to Korkhaus, REF 029-360-01.

REF 029-362-00

1 piece



Millimeter disc

For Orthometer kit acc. to Korkhaus, REF 029-360-01.

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

NEW



Tip for bow divider

For bow divider (REF 030-395-02 and 030-395-03).

REF 030-396-02

1 piece

Cephalometric tracing kit

Contents:

- 4 lead pencils with lead \varnothing 0.5 mm
- 1 package (= 12 pieces) red refills
- 1 package (= 12 pieces) green refills
- 1 package (= 12 pieces) blue refills
- 1 protractor (ruler)

REF 075-400-01

1 set



Tracing-protractor template, standard

Material: plastic

With protractor and tooth symbols.

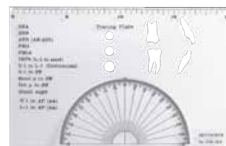
For evaluation of radiographs.

Dimensions: 207 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 x 74 mm

Color: transparent, clear

REF 004-369-00

1 piece



Penta arch template

acc. to Ricketts®

Material: plastic

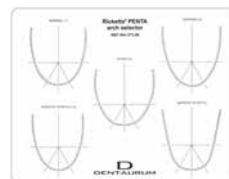
For determining the Penta archwire shape.

Dimensions: 30.3 x 21.6 cm

Color: transparent, clear

REF 004-373-00

1 piece



Tracing foils

For radiograph tracings. One side mat, other side shiny. Tear-off pad.

Dimensions	REF	Quantity
17.5 x 23.5 cm	075-100-00	100 pieces
24 x 30 cm	075-101-00	100 pieces



Accessories



Maintenance and protection oil for pliers and instruments

For the maintenance of pliers and instruments.
Application in particular before sterilisation.

REF 055-201-00

50 ml

CE



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

Do not use disinfectants containing ethanol, phenol or alcohol.

suitable for	Material	Color	Length	REF	Quantity
approx. 7 pliers	plastic	transparent, clear	13.0 cm	055-000-00	1 piece
approx. 14 pliers	plastic	transparent, clear	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 x 20 x 6.5 cm (W x D x H)
Color: white

REF 055-105-00

1 piece



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 \varnothing : 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.

For professional workmanship.



DENTAURUM
**ONLINE
SHOP**
shop.dentaurum.com





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.

Spot welding units

Junior 3000, Assistent 3000 and Master 3000.

Mini torch

Compact and effective.

Dual wheel model trimmer

Beautiful models – trimmed quickly and neatly.

Thermomat

Electrical wax knife with various attachments.

Suction unit

For protection from vapor during processing.

activeblue

Gentle removal of plaque.

Spot welding units.

For professional welding and soldering in orthodontics.

A suitable unit for everyone.

Dentaurum offers three different models of welding units for every type of orthodontic welding or soldering required, depending on how often the unit is used. It is possible to find a suitable unit to meet every requirement in an orthodontic practice or laboratory. The function of the unit 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 working results.

Dentaurum's welding units achieve 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 handrests make work easy, comfortable and effective.

Master 3000 – first-class performance for frequent use.

Excellent results can be achieved quickly and comfortably with the Master 3000. Especially designed for frequent use.

This unit's special features, amongst others, are:

- continuous power adjustment in all modes.
- printer connection for welding report as perfect patient documentation.
- suitable for welding beta-titanium wires.

Assistent 3000 – the comfortable unit for average use.

Excellent results can be efficiently achieved for an average workload using Assistent 3000.

This unit's special features, amongst others, are:

- 6 welding settings and 2 soldering settings.

Junior 3000 – the low-cost unit for occasional use.

Optimal results can be achieved with the Junior 3000 for occasional use. This unit is exceptionally easy to operate and has clear and manageable functions.



Dentaurum laser technology.

For professional welding in orthodontics.

Laser welding – the modern joining technique.

Laser welding allows more efficient processing. You can save up to 80 % of your time compared to traditional soldering. New fabrications and repair jobs 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.

With laser welding entering into the field of dental joining techniques, the spectrum of applications has been considerably improved and expanded. The desktop Compact is also well suited for metal connections in orthodontics.

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 laser welding.

desktop ergonomics – extremely user-friendly.

A special characteristic feature of the Dentaaurum laser is its special ergonomic design. Working becomes a relaxed and easy affair for you.

- The excellent ergonomics of the Dentaaurum laser are reflected 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 laser optics excels in exceptional in-depth sharpness. This means that the welding performance does not change, even if you do not adhere to the optimal welding plane.
- Due to the argon nozzle, the workpiece is always flushed with argon. This ensures an oxidation-free weld with high stability.

Equipment and accessories



Power voltage	REF	Quantity
230 V~	090-578-50	1 piece

Technical data

max. power	60 W
Peak pulse output	7500 W
Pulse energy	50 J
Pulse duration	0.5–20 ms
Pulse frequency	single pulse – 25 Hz
Welding spot diameter	0.2–2.0 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	50/60 Hz
Weight	50 kg
Dimensions (W x H x D)	510 x 430 x 645 mm

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, 1 x flexible and 1 x fixed retractable
- large pulse adjustment range – easy operation using joysticks
- integrated extraction and cool air nozzle

Further product information is available on request.

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 his or her 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
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Armrest cushion

For laser.

REF 090-513-10	2 pieces
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Equipment and accessories



CoCr welding wire

Various dimensions to be used as a filling soldering wire for all CoCr alloys.

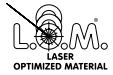
ø	Length	REF	Quantity
0.25 mm / 10	2 m	528-215-10	1 piece
0.35 mm / 14	2 m	528-210-10	1 piece
0.50 mm / 20	2 m	528-200-10	1 piece

CE 0483

Composition (percentage by mass)

Co	Cr	Mo
65.0	28.0	5.5

Additional elements < 1 %: Mn, Si



NiCr welding wire

For laser welding NiCr based alloys. Specifically for high grade alloys such as remanium® CS+, CSe and G-soft.

ø	Length	REF	Quantity
0.50 mm / 20	2 m	528-220-00	1 piece

CE 0483

Composition (percentage by mass)

Ni	Cr	Mo	Nb
63.0	22.0	9.0	3.5

Additional elements < 1 %: Al, Co, Fe, Ti



rematitan® wire on coils

Titanium grade 1

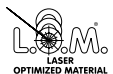
Norm: DIN 17850

For laser welding.

Recommended as filler material for laser welding, e.g. with titanium RPE appliances (Titan hyrax® Maxi – 12).

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

CE 0483



rematitan® straight wire

Titanium grade 1
 Norm: DIN 17850
 For laser welding.

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

CE 0483

**rematitan® straight wire**

Titanium grade 4
 Norm: DIN 17850
 For laser welding.
 Recommended for axes of swing locks.

ø	Length	REF	Quantity
1.50 mm / 59	50 mm	528-050-00	1 piece

CE 0483

**rematitan® straight wire**

Titanium grade 1
 Norm: DIN 17850
 For laser welding.

ø rolled	Length	REF	Quantity
0.25 x 3.0 mm / 10 x 118	each 100 mm	528-044-00	10 pieces
0.5 x 1.5 mm / 20 x 59	each 100 mm	528-043-00	10 pieces

CE 0483



Equipment and accessories



Spot welding unit Junior 3000

- no continuous soldering
- toggle switch for operating mode
- connection for hand electrode
- connection for foot switch

Hand electrodes, holder for hand electrodes and foot switch are not included!

Power voltage	REF	Quantity
230 V~	077-000-00	1 piece

Technical data

Output	115 W
Welding power	up to 1200 A
Welding stages	2 stages
Soldering stages	1 stage
Electric fuse	T 2 A
Power frequency	50/60 Hz
Weight	7 kg
Dimensions (W x H x D)	335 x 130 x 310 mm

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
110–240 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	50–60 Hz
Weight	8 kg
Dimensions (W x H x D)	335 x 130 x 310 mm



Equipment and accessories



Spot welding unit Master 3000

- infinite power adjustment in all modes
- button for continuous soldering
- LCD-display with 5 language settings (German, English, French, Italian, Spanish) for selection by the customer
- automatic voltage detection (110–240 V~)
- 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
 - system problems
- printer connection e.g. for welding report as patient documentation, (REF 090-581-00)
- connection for hand electrode
- connection for foot switch

Hand electrodes, holder for hand electrodes and foot switch are not included!

Power voltage	REF	Quantity
110–240 V~	079-000-00	1 piece

Technical data

Output	140 W
Welding power	up to 2200 A
Welding stages	stageless
Soldering stages	stageless, continuous soldering
Electric fuse	T 3: 15 A
Power frequency	50–60 Hz
Weight	8.2 kg
Dimensions (W x H x D)	335 x 130 x 310 mm

Foot switch

To be used with the spot welding units Junior 3000, Assistant 3000 and Master 3000.

REF 080-116-00

1 piece



Hand electrode

Suitable for all Dentaaurum spot welding units.

REF 081-101-00

1 piece



Holder for hand electrode

For the spot welding units Junior 3000, Assistant 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 Dentaaurum spot welding units.

- copper casing

REF 081-601-00

1 piece



Electrode, notched, for hand electrode

Suitable for all Dentaaurum spot welding units.

- for soft-annealing, tempering and welding

REF 081-501-00

2 pieces



Clamping electrode for hand electrode

Suitable for all Dentaaurum spot welding units.

- for soft-annealing, tempering and welding

REF 081-701-00

1 piece



Equipment

Equipment and accessories

Welding electrode

Suitable for all Dentaaurum 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 Dentaaurum 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

Screw

- for tightening electrodes on Dentaaurum spot welding units

REF 084-100-00

10 pieces

**Fuse**

Characteristic	Power	REF	Quantity
slow	2.00 A	907-047-10	1 piece
slow	3.15 A	907-037-10	1 piece

**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

Equipment and accessories



Universal silver solder

- in rods
- ready fluxed
- cadmium free

Not permitted for intra-oral use.

∅ 1–1.1 mm

Working temperature 700 °C / 1292 °F

REF 380-604-50	1.2 g
REF 380-604-60	10 x 1.2 g

Composition (percentage by mass)

Ag	Zn	Cu
59.0	24.0	16.0

with flux



Universal silver solder

- in coils
- without flux
- cadmium free

Not permitted for intra-oral use.

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

without flux



White gold solder

- in rods
- ready fluxed
- purity: ct 18.6
- cadmium free

Not permitted for intra-oral use.

∅ 1–1.1 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

with flux

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	100–240 V~ at 50/60 Hz
Turning rotations	1200 / 1600 / 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 x 240 x 280 mm

REF 098-000-00

1 piece



Cleaning pins for activeblue

For activeblue cleaning unit.

REF 098-001-00

1 jar of 75 g



activefluid cleaning fluid

For activeblue cleaning unit.

REF 150-020-00

1000 ml



Equipment

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

NEW



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

NEW



Heating plate

For Polyclav® (REF 070-000-00 and 070-010-00).

Power voltage	REF	Quantity
230 V~	070-900-00	1 piece
115 V~	070-901-00	1 piece

Technical data

Output	125 W
Thermostat for water temperature	43 °C / 109.4 °F
Power frequency	50/60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 x 240 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 072-001-30, 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 x 260 x 260 mm

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	50/60 Hz
Weight	39 kg
Dimensions (W x H x D)	530 x 400 x 385 mm

Corundum disc

For Dentaaurum 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 Dentaaurum dual wheel model trimmer (REF 091-100-00).

- long operating life
- extremely high abrasive capacity
- minimal force required

REF 091-105-00	1 piece
----------------	---------



Equipment

Equipment and accessories



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.

GS certified.

Technical data

Max. temperature	1300 °C / 2372 °F
Filling quantity	65 ml
Weight	280 g

REF 097-400-01

1 piece

Thermomat

Electric wax knife with transformer.

Included:

- handpiece with 1 wax knife (REF 089-602-00)
- 1 holder for wax knife (REF 089-615-00)



Power voltage	REF	Quantity
230 V~	089-620-00	1 piece

Technical data

Max. temperature	280 °C / 536 °F, adjustable
Cable length	95 cm
Power frequency	50 Hz



Holder for wax knife

Material: silicone

REF 089-615-00

1 piece

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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Video instructions on the Internet.

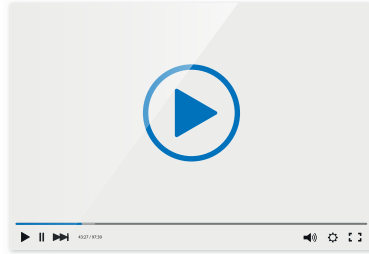
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(advanced molar distalization appliance)



OnyxCeph™
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Build-a-Brace
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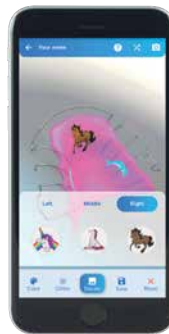
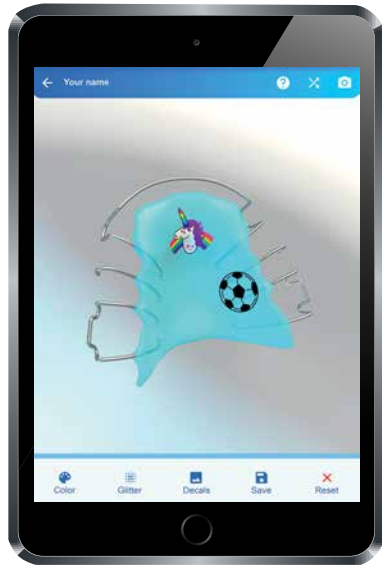
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Free-of-charge for smartphones and tablets – for iOS and Android.

The app is available in German and English and can be downloaded free of charge in the App Store or from Google Play.





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Courses and Events.



Knowledge connects.



More than 20 years of high-quality education.



Long-standing expertise.

The CDC, established in 1996, stands for long-standing expertise in organizing and holding professional training sessions and events. In 2016, CDC celebrated its 20th anniversary and has long established itself as a modern, forward-looking training center. The idea of passing on knowledge and offering courses goes back to the year 1910. Back then, courses were held on metal and porcelain techniques. Today, CDC offers numerous courses.

Making further education an event.

The CDC – Centrum Dentale Kommunikation – in Ispringen is more than just a venue; modern furnishing, a relaxed environment and a great ambiance turn your course into an event.



Convincing quality.

On April 6, 1999, the CDC was the first training center to be successfully certified.

Your positive feedback proves that our courses are highly appreciated.

Renowned instructors.

Our instructors take time for you! Small groups and a highly motivated and competent team of instructors guarantee that the course can be adapted to suit your requirements.

Courses and events from Dentaaurum – online – it can't get any faster!

The quickest source of information is of course the internet. All available courses are listed on the Dentaaurum homepage and you can apply online. It's always worth taking a look at our homepage – apart from our standard courses you can also find information on special events and further courses on offer.

Overview.



www.dentaurum.com



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Dentaurum service.

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°	0°	0°	-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 Dentaform version of this prescription is not claimed to be a duplication of any other, nor does Dentaform 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 Dentaurem brackets, buccal tubes and palatal auxiliaries can be welded to Dentaurem 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.

Pre-welding service – banding technique

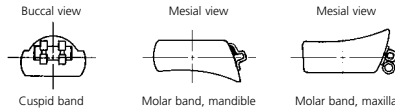
Standard and custom pre-welding service.

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.

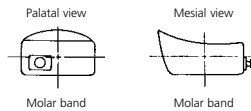
Standard pre-welding service.

The Edgewise technique, e.g. Standard Edgewise, Roth, McLaughlin-Bennett-Trevisi* etc. are available. Bands pre-welded according to systems Roth 18 and Roth 22 are available from stock.

Edgewise.

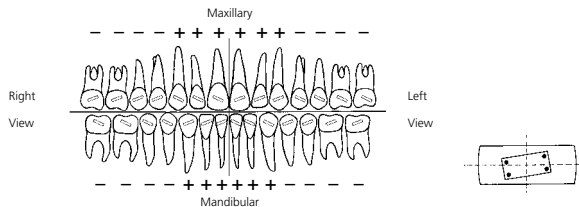


Lingual, palatal attachments.



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

Pre-welding service – banding technique

Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth	Position on band / buccal view Position auf dem Band / bukkal	Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Palatal attachment Position on band	Bondable tubes / Bukkalföhrchen für die Adhäsivtechnik
Zahn		Bandtyp / Größe	Brackets Bukkalföhrchen				Anti Rotation	Palatinales Teil Position auf d. Band	
$\frac{3}{13} \mid \frac{3}{23}$	R distal gingival mesial L distal incisal	Standard Eckzahn Cuspid No. 1–25	Rechts / right REF 790-259-02 (0,8k) REF 790-204-02 (0,8k) Links / left REF 790-260-02 (0,8k) REF 790-205-02 (0,8k)	- 2°	+ 13°	0.7		REF 750-602-10 central	
$\frac{4}{14} \mid \frac{4}{24}$	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-206-02 (0,8k) REF 790-249-02 (0,8k) Links / left REF 790-206-02 (0,8k) REF 790-250-02 (0,8k)	- 7°	0°	0.7		REF 750-602-10 central	
$\frac{5}{15} \mid \frac{5}{25}$	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-206-02 (0,8k) REF 790-249-02 (0,8k) Links / left REF 790-206-02 (0,8k) REF 790-250-02 (0,8k)	- 7°	0°	0.7		REF 750-602-10 central	
$\frac{6}{16} \mid \frac{6}{26}$	R distal gingival mesial L distal occlusal	dentaform® dentaform® Snap 1 st 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
$\frac{7}{17} \mid \frac{7}{27}$	R distal gingival mesial L distal occlusal	dentaform® 2 nd 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

CE 0483



Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth	Position on band / buccal view Position auf dem Band / bukkal	Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Lingual attachment Position on band	Bondable tubes / Bukkalföhrchen für die Adhäsivtechnik
Zahn		Bandtyp / Größe	Brackets Bukkalföhrchen				Anti Rotation	Linguales Teil Position auf d. Band	
$\frac{3}{43} \mid \frac{3}{33}$	R distal incisal mesial L distal	Standard Eckzahn Cuspid No. 1–21	Rechts / right REF 790-261-02 (0,8k) REF 790-208-02 (0,8k) Links / left REF 790-262-02 (0,8k) REF 790-209-02 (0,8k)	- 11°	+ 7°	0.7		REF 750-602-10 central	
$\frac{4}{44} \mid \frac{4}{34}$	R distal gingival occlusal L distal gingival	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-210-02 (0,8k) REF 790-251-02 (0,8k) Links / left REF 790-210-02 (0,8k) REF 790-252-02 (0,8k)	- 17°	0°	0.7		REF 750-602-10 central	
$\frac{5}{45} \mid \frac{5}{35}$	R distal occlusal gingival L distal gingival	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-211-02 (0,8k) REF 790-253-02 (0,8k) Links / left REF 790-211-02 (0,8k) REF 790-254-02 (0,8k)	- 22°	0°	0.7		REF 750-602-10 central	
$\frac{6}{46} \mid \frac{6}{36}$	R distal gingival mesial L distal occlusal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts / right REF 818-151-40 Links / left REF 818-151-30	gingival -30°	0°	0.3	4°	REF 750-602-10 central	Rechts / right REF 818-211-46 Links / left REF 818-211-36
$\frac{7}{47} \mid \frac{7}{37}$	R distal occlusal gingival L distal gingival	dentaform® 2 nd 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

CE 0483



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 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal		Band type/size Bandtyp/Größe	Brackets Buccal tubes Bukkalföhrchen	Torque	Angulation	In/Out mm	Distal Offset	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes/ Bukkalföhrchen für die Adhäsivtechnik
$\frac{3}{13} \mid \frac{3}{23}$	R distal	gingival mesial L distal	Standard Eckzahn Cuspid No. 1–25	Rechts / right REF 790-263-02 (0,8x1) REF 790-216-02 (0,8x1) Links / left REF 790-264-02 (0,8x1) REF 790-217-02 (0,8x1)	- 2°	+ 13°	0.7		REF 750-602-10 central	
$\frac{4}{14} \mid \frac{4}{24}$	R distal	gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-218-02 (0,8x1) REF 790-243-02 (0,8x1) Links / left REF 790-218-02 (0,8x1) REF 790-244-02 (0,8x1)	- 7°	0°	0.7		REF 750-602-10 central	
$\frac{5}{15} \mid \frac{5}{25}$	R distal	gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-218-02 (0,8x1) REF 790-243-02 (0,8x1) Links / left REF 790-218-02 (0,8x1) REF 790-244-02 (0,8x1)	- 7°	0°	0.7		REF 750-602-10 central	
$\frac{6}{16} \mid \frac{6}{26}$	R distal	gingival mesial L distal occlusal	dentaform® Snap 1 st 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
$\frac{7}{17} \mid \frac{7}{27}$	R distal	gingival mesial L distal occlusal	dentaform® 2 nd Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts / right REF 822-212-20 Links / left REF 822-212-20	gingival - 14°	0°	0.3	10°	REF 750-602-10 central	Rechts / right REF 822-411-17 Links / left REF 822-411-27



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Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal		Band type/size Bandtyp/Größe	Brackets Buccal tubes Bukkalföhrchen	Torque	Angulation	In/Out mm	Distal Offset	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes/ Bukkalföhrchen für die Adhäsivtechnik
$\frac{3}{43} \mid \frac{3}{33}$	R distal	incisal mesial L distal	Standard Eckzahn Cuspid No. 1–21	Rechts / right REF 790-265-02 (0,8x1) REF 790-220-02 (0,8x1) Links / left REF 790-266-02 (0,8x1) REF 790-221-02 (0,8x1)	- 11°	+ 7°	0.7		REF 750-602-10 central	
$\frac{4}{44} \mid \frac{4}{34}$	R distal	gingival occlusal mesial L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-222-02 (0,8x1) REF 790-255-02 (0,8x1) Links / left REF 790-222-02 (0,8x1) REF 790-256-02 (0,8x1)	- 17°	0°	0.7		REF 750-602-10 central	
$\frac{5}{45} \mid \frac{5}{35}$	R distal	gingival occlusal mesial L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-223-02 (0,8x1) REF 790-257-02 (0,8x1) Links / left REF 790-223-02 (0,8x1) REF 790-258-02 (0,8x1)	- 22°	0°	0.7		REF 750-602-10 central	
$\frac{6}{46} \mid \frac{6}{36}$	R distal	gingival occlusal mesial L distal	dentaform® Snap 1 st Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts / right REF 822-151-40 Links / left REF 822-151-30	gingival - 30°	0°	0.3	4°	REF 750-602-10 central	Rechts / right REF 822-211-46 Links / left REF 822-211-36
$\frac{7}{47} \mid \frac{7}{37}$	R distal	gingival occlusal mesial L distal	dentaform® 2 nd Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts / right REF 822-218-40 Links / left REF 822-218-30	gingival - 30°	0°	0.3	12°	REF 750-602-10 central	Rechts / right REF 822-411-47 Links / left REF 822-411-37



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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 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth Zahn	Position on band / buccal view Position auf dem Band / bukkal		Band type / size Bandtyp / Größe	Brackets Buccal tubes Bukkalkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes / Bukkalkalröhrchen für die Adhäsivtechnik	
											Anti Rotation
$\frac{3}{13} \mid \frac{3}{23}$	R distal	gingival mesial	L distal	Standard Eckzahn Cuspid No. 1–25	Rechts / right REF 790-274-02 (0,3x1)	0°	+ 8°	0.7	REF 750-602-10 central		
		incisal		Links / left REF 790-275-02 (0,3x1)							
$\frac{4}{14} \mid \frac{4}{24}$	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-206-02 (0,3x1) REF 790-249-02 (0,3x1)	- 7°	0°	0.7	REF 750-602-10 central		
		occlusal		Links / left REF 790-206-02 (0,3x1) REF 790-250-02 (0,3x1)							
$\frac{5}{15} \mid \frac{5}{25}$	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-276-02 (0,3x1) REF 790-284-02 (0,3x1)	- 7°	0°	1.2	REF 750-602-10 central		
		occlusal		Links / left REF 790-276-02 (0,3x1) REF 790-285-02 (0,3x1)							
$\frac{6}{16} \mid \frac{6}{26}$	R distal	gingival mesial	L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36	Rechts / right REF 818-132-10	occlusal -14°	0°	0.3	10°	REF 750-602-10 central	Rechts / right REF 818-212-16
		occlusal		Standard Molar Bands No. 1–32 Links / left REF 818-132-20							
$\frac{7}{17} \mid \frac{7}{27}$	R distal	gingival mesial	L distal	dentaform® 2 nd Molar Bands No. 1–32	Rechts / right REF 818-212-10	occlusal -14°	0°	0.3	10°	REF 750-602-10 central	Rechts / right REF 818-412-17
		occlusal		Standard Molar Bands No. 1–32 Links / left REF 818-212-20							



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McLaughlin-Bennett-Trevisi* 18

Slot: 0.46 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth Zahn	Position on band / buccal view Position auf dem Band / bukkal		Band type / size Bandtyp / Größe	Brackets Buccal tubes Bukkalkalröhrchen	Torque	Angulation	In / Out mm	Distal Offset	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes / Bukkalkalröhrchen für die Adhäsivtechnik
$\frac{3}{43} \mid \frac{3}{33}$	R distal	incisal mesial	L distal	Standard Eckzahn Cuspid No. 1–21	Rechts / right REF 790-278-02 (0,3x1)	0°	+ 3°	0.7	REF 750-602-10 central	
		gingival occlusal		Links / left REF 790-279-02 (0,3x1)						
$\frac{4}{44} \mid \frac{4}{34}$	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-280-02 (0,3x1) REF 790-286-02 (0,3x1)	- 12°	+ 2°	0.7	REF 750-602-10 central	
		gingival		Links / left REF 790-281-02 (0,3x1) REF 790-287-02 (0,3x1)						
$\frac{5}{45} \mid \frac{5}{35}$	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-282-02 (0,3x1) REF 790-288-02 (0,3x1)	- 17°	+ 2°	0.7	REF 750-602-10 central	
		occlusal		Links / left REF 790-283-02 (0,3x1) REF 790-289-02 (0,3x1)						
$\frac{6}{46} \mid \frac{6}{36}$	R distal	gingival mesial	L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36	Rechts / right REF 818-152-40	gingival -20°	0°	0°	REF 750-602-10 central	Rechts / right REF 818-212-46
		occlusal		Standard Molar Bands No. 1–32 Links / left REF 818-152-30						
$\frac{7}{47} \mid \frac{7}{37}$	R distal	gingival mesial	L distal	dentaform® 2 nd Molar Bands No. 1–32	Rechts / right REF 818-512-40	occlusal -10°	0°	0.3	REF 750-602-10 central	Rechts / right REF 818-412-47
		gingival		Standard Molar Bands No. 1–32 Links / left REF 818-512-30						



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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* 22

Slot: 0.56 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type / size Bandtyp / Größe	Brackets Buccal tubes Bukkalarhöhrchen	Torque 	Angulation 	In / Out mm 	Distal Offset 	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes/ Bukkalarhöhrchen für die Adhäsivtechnik
$\frac{3}{13} \mid \frac{3}{23}$	R distal mesial L distal gingival Incisal	Standard Eckzahn Cuspid No. 1–25	Rechts / right REF 790-230-02 (0x,81) REF 790-228-02 (0x,81) Links / left REF 790-231-02 (0x,81) REF 790-229-02 (0x,81)	-7°	0°	+ 8°	0.7	REF 750-602-10 central 	
$\frac{4}{14} \mid \frac{4}{24}$	R distal mesial L distal gingival occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-218-02 (0x,81) REF 790-243-02 (0x,81) Links / left REF 790-218-02 (0x,81) REF 790-244-02 (0x,81)	-7°	0°		0.7	REF 750-602-10 central 	
$\frac{5}{15} \mid \frac{5}{25}$	R distal mesial L distal gingival occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-267-02 (0x,81) REF 790-268-02 (0x,81) Links / left REF 790-267-02 (0x,81) REF 790-269-02 (0x,81)	-7°	0°		1.2	REF 750-602-10 central 	
$\frac{6}{16} \mid \frac{6}{26}$	R distal mesial L distal gingival occlusal	dentaform® Snap 1 st Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts / right REF 822-132-10 Links / left REF 822-132-20		-14°	0°	0.3	10° REF 750-602-10 central 	Rechts / right REF 822-212-16 Links / left REF 822-212-26
$\frac{7}{17} \mid \frac{7}{27}$	R distal mesial L distal gingival occlusal	dentaform® 2 nd Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts / right REF 822-212-20 Links / left REF 822-212-20		-14°	0°	0.3	10° REF 750-602-10 central 	Rechts / right REF 822-412-17 Links / left REF 822-412-27



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McLaughlin-Bennett-Trevisi* 30

Slot: 0.56 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth Zahn	Position on band/buccal view Position auf dem Band/bukkal	Band type / size Bandtyp / Größe	Brackets Buccal tubes Bukkalarhöhrchen	Torque 	Angulation 	In / Out mm 	Distal Offset 	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes/ Bukkalarhöhrchen für die Adhäsivtechnik
$\frac{3}{43} \mid \frac{3}{33}$	R distal mesial L distal incisal Cuspid	Standard Eckzahn Cuspid No. 1–21	Rechts / right REF 790-236-02 (0x,81) REF 790-242-02 (0x,81) Links / left REF 790-237-02 (0x,81) REF 790-235-02 (0x,81)	-6°	0°	+ 3°	0.7	REF 750-602-10 central 	
$\frac{4}{44} \mid \frac{4}{34}$	R distal mesial L distal gingival occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-239-02 (0x,81) REF 790-247-02 (0x,81) Links / left REF 790-240-02 (0x,81) REF 790-246-02 (0x,81)	-12°	$+2^\circ$		0.7	REF 750-602-10 central 	
$\frac{5}{45} \mid \frac{5}{35}$	R distal mesial L distal gingival occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-241-02 (0x,81) REF 790-247-02 (0x,81) Links / left REF 790-242-02 (0x,81) REF 790-248-02 (0x,81)	-17°	$+2^\circ$		0.7	REF 750-602-10 central 	
$\frac{6}{46} \mid \frac{6}{36}$	R distal mesial L distal gingival occlusal	dentaform® Snap II 1 st Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts / right REF 822-152-40 Links / left REF 822-152-30		-20°	0°	0.3	0° REF 750-602-10 central 	Rechts / right REF 822-212-46 Links / left REF 822-212-36
$\frac{7}{47} \mid \frac{7}{37}$	R distal mesial L distal gingival occlusal	dentaform® 2 nd Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts / right REF 822-512-40 Links / left REF 822-512-30		-10°	0°	0.3	0° REF 750-602-10 central 	Rechts / right REF 822-412-47 Links / left REF 822-412-37



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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.

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

Pre-welding service – banding technique

Ricketts® 18 – IV. Dimension

Slot: 0.46 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 Bukkalaröhrcn	Torque	Angulation	In / Out mm	Distal Offset	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes / Bukkalaröhrcn für die Adhäsivtechnik
3 3 13 - 23	R distal gingival mesial incisal L distal	Standard Eckzahn Cuspids No. 1–25	Rechts / right REF 790-290-02	+ 7°	0°	0.7		REF 750-602-10	
			Links / left REF 790-291-02					central	
4 4 14 - 24	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-602-02	0°	0°	0.7		REF 750-602-10	
			Links / left REF 790-602-02					central	
5 5 15 - 25	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-602-02	0°	0°	0.7		REF 750-602-10	
			Links / left REF 790-602-02					central	
6 6 16 - 26	R distal gingival mesial occlusal L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36	Rechts / right REF 724-008-00	occlusal 0°	0°	0.3	15°	REF 750-602-10	Rechts / right REF 724-266-51
			Links / left REF 724-009-00					central	
7 7 17 - 27	R distal gingival mesial occlusal L distal	dentaform® 2 nd Molar Bands No. 1–32	Rechts / right REF 818-217-10	-10°	0°	0.3	8°	REF 750-602-10	Rechts / right REF 724-048-51
			Links / left REF 818-217-20					central	



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Ricketts® 18 – IV. Dimension

Slot: 0.46 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 Bukkalaröhrcn	Torque	Angulation	In / Out mm	Distal Offset	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes / Bukkalaröhrcn für die Adhäsivtechnik
3 3 43 - 33	R distal incisal mesial occlusal L distal	Standard Eckzahn Cuspids No. 1–21	Rechts / right REF 790-278-02 (in.H)	0°	+ 3°	0.7		REF 750-602-10	
			Links / left REF 790-279-02 (in.H)					central	
4 4 44 - 34	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-602-02	0°	0°	0.7		REF 750-602-10	
			Links / left REF 790-602-02					central	
5 5 45 - 35	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-282-02	-17°	+ 2°	0.7		REF 750-602-10	
			Links / left REF 790-283-02					central	
6 6 46 - 36	R distal gingival mesial occlusal L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36	Rechts / right REF 724-064-00	gingival -22°	-5°	0.3	12°	REF 750-602-10	Rechts / right REF 818-122-46
			Links / left REF 724-065-00					central	
7 7 47 - 37	R distal gingival mesial occlusal L distal	dentaform® 2 nd Molar Bands No. 1–32	Rechts / right REF 818-218-40	-30°	-5°	0.3	12°	REF 750-602-10	Rechts / right REF 818-211-46
			Links / left REF 818-218-30					central	



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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 x 0.76 mm / 18 x 30

Tooth	Position on band/buccal view Position auf dem Band/bukkal		Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Palatal attachment Position on band
Zahn			Bandtyp / Größe	Brackets Bukkalrohrchen				Anti Rotation	Palatinales Teil Position auf d. Band
$\frac{3}{13} \mid \frac{3}{23}$	R distal	gingival 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
$\frac{4}{14} \mid \frac{4}{24}$	R distal	gingival mesial L distal occlusal	Standard Prämolaren Bicuspidis No. 1–32	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central
$\frac{5}{15} \mid \frac{5}{25}$	R distal	gingival mesial L distal occlusal	Standard Prämolaren Bicuspidis No. 1–32	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central
$\frac{6}{16} \mid \frac{6}{26}$	R distal	gingival mesial L distal occlusal	dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts / right REF 724-800-00 Links / left REF 724-601-00	central gingival	0°	0.3	0°	REF 750-602-10 central



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Ricketts® Universal 18

Slot: 0.46 x 0.76 mm / 18 x 30

Tooth	Position on band/buccal view Position auf dem Band/bukkal		Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Lingual attachment Position on band	Bondable tubes/ Bukkalrohrchen für die Adhäsivtechnik
Zahn			Bandtyp / Größe	Brackets Bukkalrohrchen				Anti Rotation	Linguales Teil Position auf d. Band	
$\frac{3}{43} \mid \frac{3}{33}$	R distal	incisal mesial L distal	Standard Eckzahn Cuspids No. 1–21	Rechts / right REF 790-278-02 (09,14) Links / left REF 790-279-02 (09,14)	0°	+ 3°	0.7		REF 750-602-10 central	
$\frac{4}{44} \mid \frac{4}{34}$	R distal	gingival occlusal mesial L distal	Standard Prämolaren Bicuspidis No. 1–32	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
$\frac{5}{45} \mid \frac{5}{35}$	R distal	gingival occlusal mesial L distal	Standard Prämolaren Bicuspidis No. 1–32	Rechts / right REF 790-280-02 Links / left REF 790-281-02	- 12°	+ 2°	0.7		REF 750-602-10 central	
$\frac{6}{46} \mid \frac{6}{36}$	R distal	gingival occlusal mesial L distal	dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts / right REF 724-018-00 Links / left REF 724-018-00	gingival	0°	- 5°	0.3	REF 750-602-10 central	Rechts / right REF 724-018-51 Links / left REF 724-018-51



CE 0483

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 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 Bukkalaröhrcn	Torque	Angulation	In / Out mm	Distal Offset	Palatal attachment Position on band Palatinales Teil Position auf d. Band	Bondable tubes / Bukkalaröhrcn für die Adhäsivtechnik
$\frac{3}{13} \mid \frac{3}{23}$	R distal gingival mesial L distal incisal	Standard Eckzahn Cuspid No. 1–25	Rechts / right REF 790-290-02 Links / left REF 790-291-02	+ 7°	0°	0.7		REF 750-602-10 central	
$\frac{4}{14} \mid \frac{4}{24}$	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-206-02 Links / left REF 790-206-02	- 7°	0°	0.7		REF 750-602-10 central	
$\frac{5}{15} \mid \frac{5}{25}$	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-206-02 Links / left REF 790-206-02	- 7°	0°	0.7		REF 750-602-10 central	
$\frac{6}{16} \mid \frac{6}{26}$	R distal gingival mesial L distal occlusal	dentaform® dentaform® Snap 1 st 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
$\frac{7}{17} \mid \frac{7}{27}$	R distal gingival mesial L distal occlusal	dentaform® 2 nd Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts / right REF 818-211-10 Links / left REF 818-211-20	-10°	0°	0.3	8°	REF 750-602-10 central	Rechts / right REF 724-048-51 Links / left REF 724-049-51

CE 0483



Hilgers 18

Slot: 0.46 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 Bukkalaröhrcn	Torque	Angulation	In / Out mm	Distal Offset	Lingual attachment Position on band Linguales Teil Position auf d. Band	Bondable tubes / Bukkalaröhrcn für die Adhäsivtechnik
$\frac{3}{43} \mid \frac{3}{33}$	R distal incisal mesial L distal	Standard Eckzahn Cuspid No. 1–21	Rechts / right REF 790-278-02 Links / left REF 790-279-02	0°	+ 3°	0.7		REF 750-602-10 central	
$\frac{4}{44} \mid \frac{4}{34}$	R distal gingival occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-280-02 Links / left REF 790-281-02	- 12°	+ 2°	0.7		REF 750-602-10 central	
$\frac{5}{45} \mid \frac{5}{35}$	R distal gingival occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-282-02 Links / left REF 790-283-02	- 17°	+ 2°	0.7		REF 750-602-10 central	
$\frac{6}{46} \mid \frac{6}{36}$	R distal gingival occlusal L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts / right REF 724-056-00 Links / left REF 724-057-00	gingival -25°	- 5°	0.3	8°	REF 750-602-10 central	Rechts / right REF 724-056-51 Links / left REF 724-057-51
$\frac{7}{47} \mid \frac{7}{37}$	R distal gingival occlusal L distal	dentaform® 2 nd 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

CE 0483




















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 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets


















Tooth	Position on band / buccal view Position auf dem Band / bukkal	Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Palatal attachment Position on band
Zahn		Bandtyp / Größe	Brackets Bukkaloehrhoeen					Palatinales Teil Position auf d. Band
<u>3</u> <u>3</u> 13 - 23	R distal  mesial  L distal incisal	Standard Eckzahn Cuspidas No. 1–25	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central 
<u>4</u> <u>4</u> 14 - 24	R distal  mesial  L distal occlusal	Standard Prämolaren Bicuspidas No. 1–32	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central 
<u>5</u> <u>5</u> 15 - 25	R distal  mesial  L distal occlusal	Standard Prämolaren Bicuspidas No. 1–32	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central 
<u>6</u> <u>6</u> 16 - 26	R distal  mesial  L distal occlusal	dentaform® Snap 1° 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 



CE 0483

Standard Edgewise 18

Slot: 0.46 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth	Position on band / buccal view Position auf dem Band / bukkal	Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Lingual attachment Position on band	Bondable tubes/ Bukkaloehrhoeen für die Adhäsivtechnik
Zahn		Bandtyp / Größe	Brackets Bukkaloehrhoeen					Linguales Teil Position auf d. Band	
<u>3</u> <u>3</u> 43 - 33	R distal  mesial  L distal gingival	Standard Eckzahn Cuspidas No. 1–21	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central 	
<u>4</u> <u>4</u> 44 - 34	R distal  mesial  L distal gingival	Standard Prämolaren Bicuspidas No. 1–32	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central 	
<u>5</u> <u>5</u> 45 - 35	R distal  mesial  L distal occlusal	Standard Prämolaren Bicuspidas No. 1–32	Rechts / right REF 790-602-02 Links / left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central 	
<u>6</u> <u>6</u> 46 - 36	R distal  mesial  L distal gingival	dentaform® Snap 1° 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



CE 0483









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 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets









Tooth	Position on band / buccal view Position auf dem Band / bukkal	Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Palatal attachment Position on band
Zahn		Bandtyp / Größe	Brackets Bukkalrohrrchen				Anti Rotation	Palatinales Teil Position auf d. Band
$\frac{3}{13}$ $\frac{3}{23}$	R distal gingival mesial incisal L distal	Standard Eckzahn Cuspid No. 1–25	Rechts / right REF 790-606-02 Links / left REF 790-606-02	0°	0°	0.7		REF 750-602-10 central 
$\frac{4}{14}$ $\frac{4}{24}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-606-02 Links / left REF 790-606-02	0°	0°	0.7		REF 750-602-10 central 
$\frac{5}{15}$ $\frac{5}{25}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-606-02 Links / left REF 790-606-02	0°	0°	0.7		REF 750-602-10 central 
$\frac{6}{16}$ $\frac{6}{26}$	R distal gingival mesial occlusal L distal	dentaform® dentiform® Snap 1° 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 



CE 0483

Standard Edgewise 22

Slot: 0.56 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Tooth	Position on band / buccal view Position auf dem Band / bukkal	Band type / size	Brackets Buccal tubes	Torque	Angulation	In / Out mm	Distal Offset	Lingual attachment Position on band	Bondable tubes / Bukkalrohrrchen für die Adhäsivtechnik
Zahn		Bandtyp / Größe	Brackets Bukkalrohrrchen				Anti Rotation	Linguales Teil Position auf d. Band	
$\frac{3}{43}$ $\frac{3}{33}$	R distal incisal mesial occlusal L distal	Standard Eckzahn Cuspid No. 1–21	Rechts / right REF 790-606-02 Links / left REF 790-606-02	0°	0°	0.7		REF 750-602-10 central 	
$\frac{4}{44}$ $\frac{4}{34}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-606-02 Links / left REF 790-606-02	0°	0°	0.7		REF 750-602-10 central 	
$\frac{5}{45}$ $\frac{5}{35}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts / right REF 790-606-02 Links / left REF 790-606-02	0°	0°	0.7		REF 750-602-10 central 	
$\frac{6}{46}$ $\frac{6}{36}$	R distal gingival mesial occlusal L distal	dentaform® dentiform® Snap 1° 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



CE 0483

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 Dentaurem bands when ordering.

Upper cuspid bands

Dentaurem		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+		

Bands – comparison charts

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+		

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						

Bands – comparison charts

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					

Bands – comparison charts

Upper 1st molar bands

Dentaurum Standard	Dentaurum dentafarm® Snap dentafarm®	American Orthodontics CONTOURED IMR2, Mini Master S	American Orthodontics CONTOURED IMR1, 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								29
	2								5			29+
	3			2	1	1						
3		2						1				
4	4			3	2	2			6			
5		3			3	3		2	7			30
6	5											30+
	6			4	4	4		3				
7		4					5					
	7	5			5	5	6					
8		6			6		6	4	8	1	31	
	8		1.5	5	7	7	7	5	9	2		31
9	9	7		6	8	8		6		3	31+	31+
10	10	8			9	9			10	5	32	32
	11		2.5	7	10	10	10	8	11	6	33	
11	12	9	3	8	11	11	11	9		7		33
12		10						10	12	8	33+	33+
13	13	11	3.5	9	12	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	16	14	17	14	35+	35+
18				16	16	17	17	15	18	15		
	18	16		14	17			16		16	36	36
19			5.5			18	18			17	36+	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	28	33	31		40
28					29		29	28	34		40	40+
29	31	28	10	27		29		28	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+

Bands – comparison charts

Lower 1st molar bands

Dentaurum Standard	Dentaurum dentaurum® Snap dentaurum®		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	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	22	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				40
30	33			10.5	26	30		31		34		40+	40+
31	34		30		27		30		29	35			
32	36		32		29	31		33		36		41	41

Bands – comparison charts

Upper 2nd molar bands

Dentaurum dentafarm®		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					29+
4			4	1				30
5			5		1			30+
6				2	2			31
7			6	3	3			31+
8			7	4	4		1	32
9			8	5	5		2	32+
10			9	6	6	7	3	33
11		1.5	10	7	7		4	33+
12		2	11	8	8		5	34
13		2.5	12	9	9	8	6	34+
14		3	13	10	10		7	35
15		3.5	14	11	11	8	8	35+
16		4	15	12	12	9	9	36
		4.5		13	13	10	10	36+
17			16	14	14		11	37
18		5	17	15	15	11	12	37+
19			18	16	16	12	13	38
20			19	17	17	13	14	38+
		5.5				14	15	39
21		6	20	18	18	15	16	39+
22			21	19	19	16	17	40
		6.5				17	18	40+
23		7	22	20	20	18	19	41
24			23	21	21	19	20	41+
25		7.5	24	22	22	20	21	42
26		8	25	23	23	21	22	42+
						22	23	43
27			26	24	24	23	24	43+
28		8.5	27	25	25	24	25	44
						25	26	44+
29		9	28	26	26	26	27	45
30			29	27	27	27	28	45+
		9.5				28	29	46
31			30	28	28	29	30	46+
						30	31	47
32		10		29	29	31	32	47+
								48
		10.5		30	30	32		48+
		11		31	31			49
				32				49+
		11.5			32		33	50
								50+
							34	51
								51+
							35	52

Wires – information

Comparison between Dentaurem wires/ Brand names of other competitive products

Dentaurem	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™
Noninium® nickel-free wires			Forestanit® Ni-free		Biosteel®	
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	Titalan™ 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	Titalan™ Beta-Titanium Molybdenum	Beta Memoria®	CNA BETA III™
rematitan® sl nickel titanium alloy super elastic		Neo Sentalloy® IONGUARD™				Onyx Ultra™
Tensic® nickel titanium, thermo-active	Therma-Ti® Lite Titanium Memory Wire	Neo Sentalloy® Heat-Activation	Titanol® Martensitic BioStarter BioTorque BioFinisher Martensitic	Titalan 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	Titalan 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	Titalan™ TS Coated	Memoria® Natura®	Orthocosmetic Elastinol™
Tensic® White nickel titanium, thermo-active			BioCosmetic®		Memoria® Mimetic rhodium coated	
Noninium® White nickel-free wires						

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
Noninium® nickel-free wires			Menzanium®	Avid	Nickel-Lite®	
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 WOOVA Bio- Aesthetic Coated	
Tensic® White nickel titanium, thermo-active					Bio-Kinetix™ Micro Coated	
Noninium® White nickel-free wires						

Note: Some of the items listed are registered brand names e.g. TMA® from Ormco.

Materials list

Product groups	Product	Identification no. *
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
	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 w.h. = with hook w.t. = with tube w.h. & w.t. = with hook and tube	Ortho-Cast / Ortho-Cast w.h. / Ortho-Cast w.h. & w.t. / Ortho-Cast M-Series	1.005
	Ortho-Cast w.h. and central tube	1.000, 1.005
	Ortho-Cast with large base / Ortho-Cast w.h. and large base	1.000, 1.001, 1.005
	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 1. and 2. 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
	Tensi® ideal arch	3.200
	Equire thermo-active preformed ideal arch	3.200

Product groups	Product	Identification no.*	
Arches	Tensi® White ideal arch	3.200, 4.008	
	rematitan® sl ideal arch	3.200	
	rematitan® LITE ideal arch / Ricketts® PENTA ideal arch	3.200	
	rematitan® LITE Spee® retraction arch	3.200	
	rematitan® LITE White ideal arch	3.200, 4.008	
	remaloy® ideal arch	3.000	
	rematitan® SPECIAL ideal arch	3.103	
	Translucent ideal pearl arches	4.005 + fiber glass	
	Wires	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		3.000	
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, grade 1	3.100	
	Titanium retainer wire, grade 5	3.102	
	Gold retainer wire	2,301	
	remanium® lingual retainer	1.011, 1.013	
	Titanium lingual retainer	3.101	
	D.D Retainer 3D	3.102	
Wires / Arches / Accessories Accessories	remanium® ligature wire	1.005	
	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 / clamping tubes, round with hook	1.000, 1.001	
	Sliding / clamping tubes, rectangular with hook	1.005	
	Sliding / 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	
	Strengtheners	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	3.000	
	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	SUS ² / SUS ³ telescope rod, assembled	1.002, 1.003
SUS ² / SUS ³ telescope rod		1.003	

Materials list

Product groups	Product	Identification no. *
Class II appliances	SUS ² / SUS ³ arch adapter / fixing screw	1.002
	SUS ² telescope element	1.000, 1.003
	SUS ³ telescope element	1.000, 1.003, 1.015
	SUS ² / SUS ³ turbo spring / pressure spring (stainless steel)	1.003
	SUS ² compression spring (Nickel titanium)	3.200
	SUS ² / SUS ³ distance spring	1.003
	Spacer rings, crimpable	1.002
	SUS ² / SUS ³ ball retainer clasp	1.000
	Herbst TS set	1.000, 1.002, 1.003, 1.009
	Herbst I set, Herbst II set	1.002, 1.009
	Herbst IV set	1.000, 1.002, 1.003
	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 telescope rods	1.002
	Herbst spacer rings	1.002
Intra-oral / 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, 3.000, 4.003
	Stop tubes	1.000
	Stop screws	1.002
	Activator tubes	1.000, 1.001
	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
	Face former	4.203
OrthoSafe sports guard	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 [®] -transfer cap	4.006
	tomas [®] -laboratory pin EP / tomas [®] -laboratory pin SD	1.002
	tomas [®] -compression spring	3.200
tomas [®] -coil spring	3.200 + 1.013	

Product groups	Product	Identification no. *
tomas® anchorage system	tomas®-power chain	4.009
	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
	tomas®-crimp hook	1.005
	tomas®-aligner hook	1.005
	Distalization appliance – amda®	amda® telescope
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
	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
	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 click / Variety click SP expansion screw	1.000, 1.002, 1.003
	Variety / Variety 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 expansion screw	1.000, 1.002, 1.003
	Arrows to indicate the opening direction	4.006
	Expansion screw key, small	1.003
	Expansion screw key, large	1.002 + 1.003
	Safety key	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 %

Identification 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–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–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–0.7	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

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 (remaloy®)	–	19–23	4–6	≤ 1.0	18–22	3–5	3–5	0.1–2.0	≤ 0.5	≤ 0.03	Residue	–	≤ 0.1	–	–	–	–
3.001	CoCr alloys (Elgiloy®)	–	14–16	Residue	1.0–3.0	19–21	6–8	–	–	–	≤ 0.3	38–42	–	–	–	–	–	Be 0.01–0.09
3.002	CoCr alloy	–	–	27–31	≤ 1.0	28–32	4–6	–	–	≤ 0.1	≤ 0.35	31–35	–	–	–	–	–	–
3.003	CoCr alloy	–	≤ 0.1	–	≤ 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	–
3.100	titanium	3.7025	–	≤ 0.15	–	–	–	–	Residue	–	≤ 0.06	–	–	–	≤ 0.12	≤ 0.013	≤ 0.05	–
3.101	titanium	3.7065	–	≤ 0.3	–	–	–	–	Residue	–	≤ 0.06	–	–	–	≤ 0.35	≤ 0.013	≤ 0.05	–
3.102	TiAl6V4	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 (equilibrium® ti)	3.7035	–	≤ 0.2	–	–	–	–	Residue	–	≤ 0.06	–	–	–	≤ 0.18	≤ 0.013	≤ 0.05	–
3.200	NiTi alloy (rematitan® LITE) (Tensic®) (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
3.300	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	Epoxyde	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
4.200	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		Al ₂ O ₃	ZnO	MgO	Other
	Designation	Number (DIN)*				
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 the listed materials are used by Dentaaurum. You can find the most recent materials list at www.dentaaurum.com.

Date: 06/2020

Conversion charts

Note:

- ∅ round
- ▭ rectangular

In addition to the metric measurements provided, the wires, brackets and buccal tubes are also available with an additional description¹ 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/mm ²
1 N/mm ²	= 145.14 p. s. i.
1 p. s. i.	= 0.00689 N/mm ²

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 ∅ descr. ¹		steel wire 1 kg	mm ∅ descr. ¹		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
1/32	0.0312
1/16	0.0625
1/8	0.1250
3/16	0.1875
1/4	0.2500
5/16	0.3125
3/8	0.3750
1/2	0.5000
5/8	0.6250
3/4	0.7500
1	1.0000

°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	0.6096	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.

Our contribution to nature.

The living standard of future generations depends on how we maintain the natural environment. We believe that an active environmental policy makes a significant contribution to the improvement of our business position, as we do not consider business success at the cost of nature and the environment to be sustainable. We continuously monitor the effectiveness of our environmental policies and our environmental management system with regular internal and external audits. The company is certified under DIN EN ISO 14001 and EMAS III. Dentaureum has also been a member of the German work group for environmentally-conscious management (B.A.U.M.) since 1995 and has received an award as an environmentally-conscious company as a result of an ecological weak-point analysis. We issue regular announcements on our environmental activities and achievements in our environmental statements.





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