


Orthodontics 2016/2017















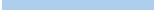







Diversity in Precision.



Orthodontics 2016/2017

Diversity in Precision.



Digital orthodontics	
Lingual system	
Self-ligating brackets	
Metal brackets	
Aesthetic brackets	
Bracket accessories	
Buccal tubes	
Bands	
Adhesives	
Wires Arches Accessories	
Class II appliances	
Intra- and extraoral	
Anchorage system	
Distalization appliance	
Supplies	
Expansion screws	
Orthodontic acrylics	
Pliers Instruments	
Equipment	
Knowledge Marketing	
Courses	
Service	

*“Nothing is more
constant than change.”*

(Heraclitus of Ephesus)

Customer number

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

Dear customer,

Quality and innovation are the cornerstones of the philosophy we have been following and implementing for 130 years where the dental market and our customers are concerned.

We always focus on the latest development and manufacturing methods and, in doing so, we often set new standards.

Our employees' know-how, continuous investments in our premises in Germany, the high standards we set ourselves from the purchasing of raw materials through to the packaging of the finished product are all factors that have contributed to us being able, as a premium company, to fulfil the wishes of both our customers and patients worldwide.

We have proved this once again with the new products we have added to the **tomas® system** and with the introduction of **amda®**, a distalization appliance.

Digitalization is becoming increasingly important in all forms of treatment and this is placing new demands on products and services. A first step into the digital future was taken when the **3D model scanner orthoX® scan** was introduced in 2014, enabling models to be digitally archived using the software **orthoX® file**. Furthermore, it can be used to create STL data for individual patients and this data can be used later with other digital products.

Our aim for the future is to continue along the path of digitalization, to embrace the changes this will bring and to be open for new innovative ideas. For the one thing that remains is change and the only way forward is to be part of this change.

Best regards from Ispringen



Mark Stephen Pace

CEO Dentaurum Group



Axel Winkelstroeter

CEO Dentaurum Group

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Dental technologies that set standards.

The Dentaurum Group develops, produces and sells products worldwide for dentists and dental technicians. Dentaurum has been actively involved in the dental sector for 130 years as an owner-managed family company with its headquarters in Ispringen (near Pforzheim), Germany.

Due to its exceptionally wide-range of dental products and services Dentaurum has developed an excellent reputation all over the world in dental technology, ceramics, orthodontics and implantology. Dentaurum products are available in more than 130 countries via its subsidiaries in 10 countries and distributors throughout the world. There are expert medical product advisers in your locality in Germany, Austria and Switzerland.



Orthodontics

Implantology

Prosthetics

Ceramics



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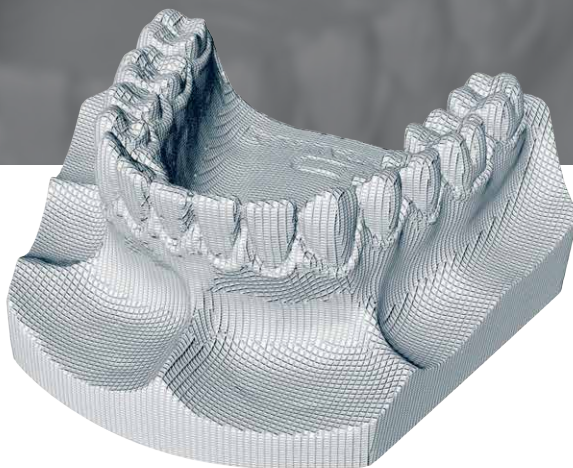
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Digital orthodontics.



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The 3D model scanner.

Pure digital orthodontics!

The new 3D model scanner orthoX® scan and the integrated archiving software orthoX® file were specially developed to meet the requirements of the orthodontic practice. Scanning requires only a few simple steps and settings. In only 45 seconds per jaw, the sophisticated stripe-light projection technology achieves a scanning accuracy of < 20 µm. The archiving software orthoX® file can be used for scanning, archiving and, if required, for adding a three-dimensional base to dental arches, individual jaw models and plaster models. It is also possible to position the models in the occlusal, median and tuber plane before adding a base. Capturing patient models in open STL data format not only enables digital model archiving but also free use of the data. The data can be used for analyzing and creating models in the 3D-printing technique. There is also the possibility of utilizing digital treatment solutions such as aligner therapy or digitally planned, highly precise indirect bonding techniques.

orthoX® scan – the model scanner.

Intuitive

Scanning requires only a few simple steps and settings.

Precise and fast

In only 45 seconds per jaw, the sophisticated stripe-light projection technology achieves a scanning accuracy of $< 20 \mu\text{m}$.

Compact

Thanks to its compact size and design, the scanner is a space-saving desktop solution.

Hygienic

The apparatus is equipped with an impact resistant and easy-to-clean housing.





The archiving software.

orthoX® file – the integrated software.

Pure orthodontics!

The software was specially designed to meet orthodontic requirements. It allows users to add a base to models and archive model files.

Versatile

The models are positioned correctly in the occlusal, median and tuber plane before adding a base.

Compatible

The software is an open system and can export STL format files.



Functions.

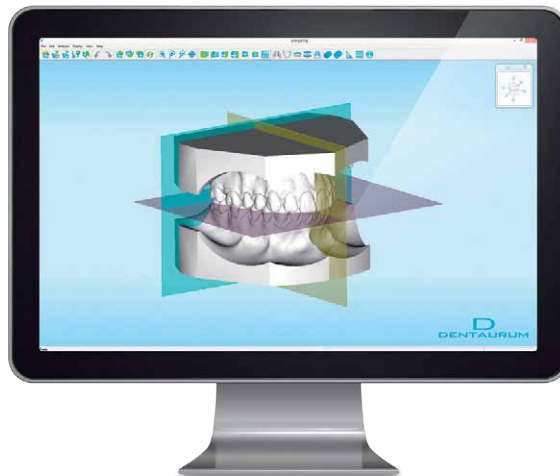
- Control of the 3D model scanner orthoX® scan.
- Management of a digital model archive.
- Patient-specific classification of the models.
- Scanning models or loading STL data from a memory medium.
- Adding a three-dimensional base to models, dental arches and models which already have a base.
- Creation of STL data for further digital processing.
- Original data is stored securely (non-editable).

Interfaces.

- Interface to import patient data from the patient management software.
- OnyxCeph^{3TM} interface for utilizing other solutions for diagnosis, treatment planning and patient consultation.

Operation.

- Simple user interface with a Model Wizard for logical, step-by-step guidance through the individual stages.
- Analyze digitized models from different views.
- Patient-specific labeling and archiving of models.



3D model scanner



orthoX® scan

3D model scanner for orthodontic plaster models.

incl. archiving software

Included:

- 1 x 3D model scanner orthoX® scan
- 1 x archiving software orthoX® file (on the USB device supplied)
- 1 x instructions for use orthoX® scan (on the USB device supplied)
- 1 x instructions for use orthoX® file (on the USB device supplied)
- 1 x model holder
- 2 x USB cable
- 1 x power cable
- 1 x instructions for installation (printed)

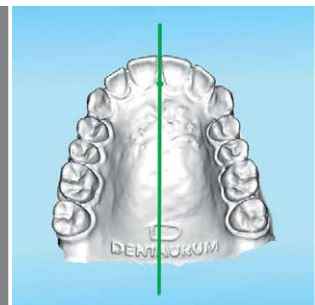
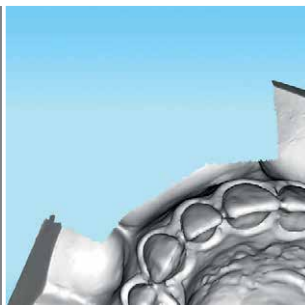
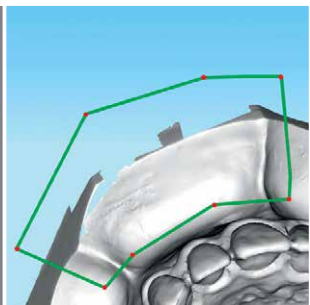
REF 075-000-00

1 piece

NEW

Technical data

Dimensions (W x H x D)	295 x 170 x 360 mm
Weight	9 kg
Supply voltage	100–240 V~, 50/60 Hz
Fuse protection	2 x T 1,6 A L 250 V
Power consumption	max. 60 W
Protection class	IP11
Operating temperature	15 °C–30 °C / 59 °F–86 °F
Storage temperature	-5 °C–50 °C / 23 °F–122 °F
Measuring point precision	< 20 µm
Output data format	STL
Ports	USB 2.0

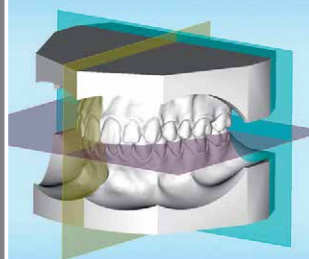
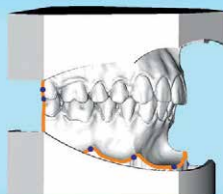
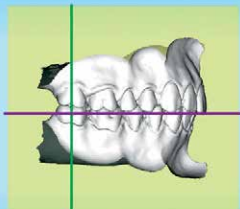
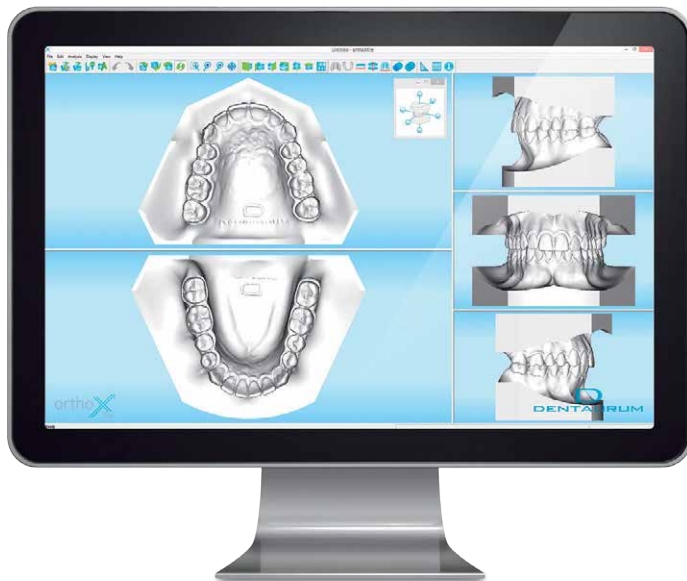


Model holder
for orthoX® scan

REF 075-002-00

1 piece

NEW



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Lingual system.

Surprisingly different.



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discovery[®]
delight

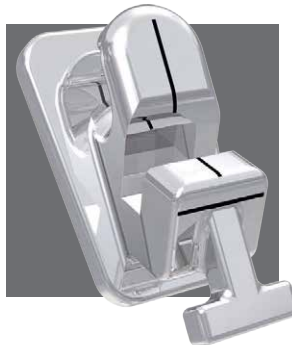


Incredibly effective.

discovery[®] delight dramatically reduces the number of components required for treatment while ensuring a free selection of all 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

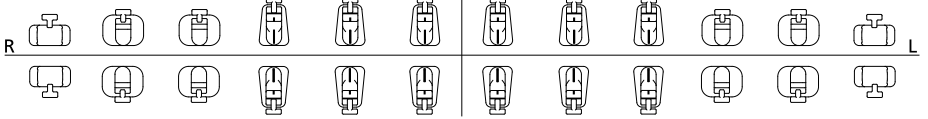
discovery® delight

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

NEW

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

NEW

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

convertible · with vertical hook

NEW

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

NEW

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



Lingual tube / Bonding technique

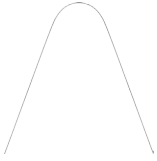
convertible · Palatal sheath (Slot: 2 x 0.9 mm / 2 x 36) for lingual/palatal bars, Goshgarian, Quad-Helix, closed

Teeth	Torque	Distal Offset	In/Out	Hook	Width	REF	Quantity
17-16					4.0 mm	722-002-51	1 piece
26-27					4.0 mm	722-003-51	1 piece

CE 0483

Slot: 0.51 x 0.51 mm / 20 x 20

Nickel titanium

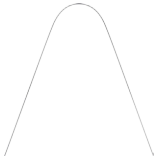
**rematitan® "LITE" lingual arch, round**

Strength category: super elastic

NEW

∅	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**

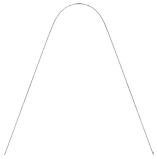
Strength category: super elastic

NEW

∅	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

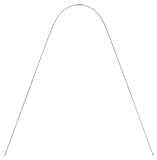
CE 0483

Stainless steel (Nickel chromium)

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

∅	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**NEW**

∅	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**NEW**

∅	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

Special 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

NEW



LinguBall instrument

sterilizable

For easy and gentle removal of excess adhesive during direct and indirect bonding in the buccal technique and the lingual technique.

REF 023-275-00

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

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

REF 014-153-00

1 piece

CE

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

REF 023-279-00

1 piece

CE

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

REF 023-279-10

1 piece

CE

NEW**Bracket removing pliers, angled
sterilizable**For easy removal of lingual brackets and brackets in
the posterior region.

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

NEW



Self-ligating brackets

discovery® sl / Assortments

Roth 18/22 Page 42

discovery® sl 2.0 / Assortments

McLaughlin-Bennett-Trevisi* 22 Page 43

Instruments Page 44

Patient consultation material Page 45

* 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.

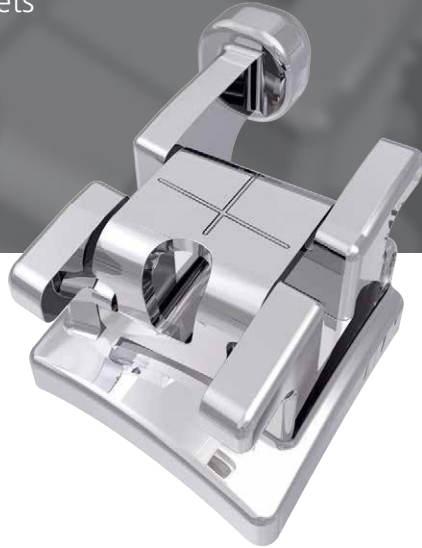


FDI-System

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	

Self-ligating brackets.

One of the smallest sl brackets
in the world.



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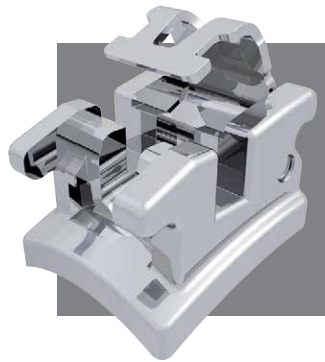
discovery[®] *sl* & *discovery*[®] *sl 2.0*

One of the smallest sl brackets in the world.

Optimum treatment – perfect aesthetics.

The self-ligating bracket system *discovery*[®] *sl* features excellent, effective treatment, impressively easy and reliable handling and a very high degree of treatment comfort. With regard to design and size, *discovery*[®] *sl* is one of the smallest self-ligating brackets in the world. The design is based on the proven design of the *discovery*[®] family that has been tried and tested for years.

Both, *discovery*[®] *sl* and its successor *discovery*[®] *sl 2.0*, combine maximum function and minimal size to ensure efficient, aesthetic treatment. The minimal size, super smooth surfaces and closed design of the *discovery*[®] *sl* brackets provide the patient with excellent intraoral comfort and optimal hygiene.



Simple closure mechanism.

The core of the sl bracket is a hinge type closure mechanism, which is easily opened and closed using a special sl instrument. Significant improvements to the function of the lid and opening mechanism were implemented with version 2.0. An integrated lid brake between the tie wings of the bracket reliably keeps the lid open and prevents it from closing automatically during archwire changes.



Self-ligating brackets

discovery® sl / Assortments

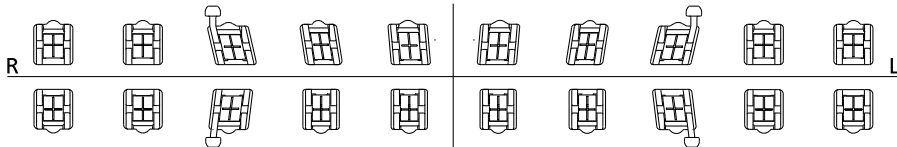
Roth 18

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

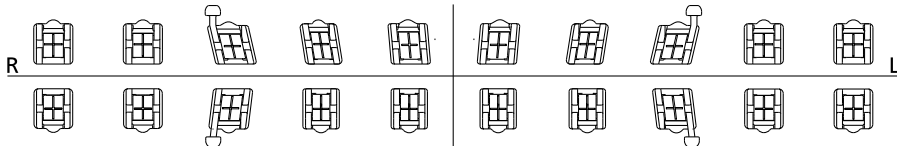
Roth 22

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

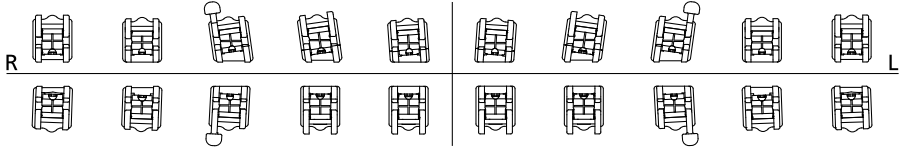
McLaughlin-Bennett-Trevisi** 22

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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Self-ligating brackets

Instruments



sl instrument

sterilizable

For opening and closing self-ligating **discovery® sl brackets**, system Roth, and easier ligation of the archwire.

Handle color: gold

REF 023-276-00

1 piece



sl instrument

sterilizable

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

Handle color: silver

REF 023-277-00

1 piece



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discovery® sl demo bracket

For patient demonstration.

Ratio 10:1

REF 722-101-99

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
- rematitan® sl arches

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
- Tentic® arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-19

1 piece

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Metal brackets

discovery® / Assortments

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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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Standard Edgewise 18/22	Page	76

equilibrium® 2 / Single packs – bonding technique

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equilibrium® 2 / Single packs – banding technique

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equilibrium® ti / Assortments

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Metal brackets.

Always a good choice.



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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 Dentaureum metal brackets is unique in the world and provides application options for all indications. All 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 allergic patients.



* acc. to ISO 6871-1 (1994)

discovery[®]

The premium bracket that has been proven over a million times.



discovery[®] smart

Small and brilliant.



topic

The nickel-free* alternative.



equilibrium[®] mini

Small and fine.



equilibrium[®] 2

Harmony in function and comfort.



equilibrium[®] ti

Outstanding biocompatibility.



FDI-System

	18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
	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

The discovery® family.



The discovery® family.

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

Innovative production procedures guarantee maximum success.

The bases of all brackets of the discovery® bracket family are optimally adapted to the tooth contour using 3D-CAD (Computer Aided Design) and provide the user with optimal handling when bonding the bracket to the tooth. The brackets are firmly retained on the teeth.

Optimal bond strength and easy debonding.

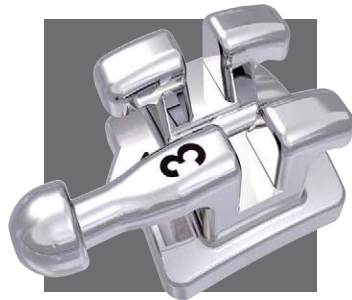
The patented laser-structured base guarantees reliable retention during treatment. Uniform retention prevents premature debonding of the brackets. A debonding channel in the bracket ensures very easy debonding. The channel allows the bracket face to flex, ensuring safe removal from the tooth.

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 intraoral 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 each other. 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[®] family is Dentaureum's standard bracket series. They are formed, cut and further processed out of rod material using many tried and tested working stages. Brackets in the equilibrium[®] family are also genuine one-piece brackets. They are produced in one piece – body and base. This makes the brackets especially biocompatible, as no solder is involved.



Optimal bond strength and easy debonding.

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

Easy handling and reliable treatment.

All equilibrium® brackets have biocompatible laser marking for better 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 edges have been designed to make it even 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

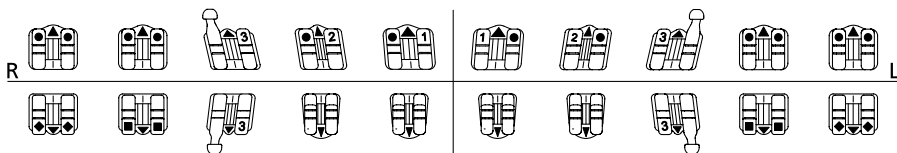
discovery® / Assortments

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	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	790-106-00	790-106-00	790-104-00	790-102-00	790-163-00	790-164-00	790-103-00	790-105-00	790-106-00	790-106-00
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

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:

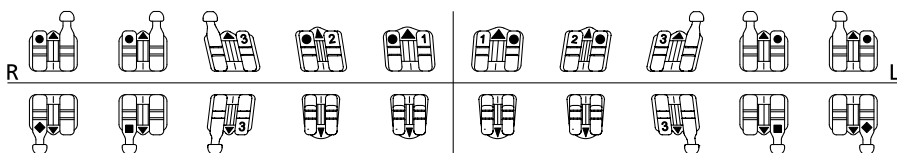
Other brackets with Roth values see single packs.

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	0.7 mm	0.7 mm	1.3 mm	0.7 mm	0.7 mm	0.7 mm
Width	3.4 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.2 mm	3.4 mm	3.4 mm	3.4 mm
REF	790-141-00	790-141-00	790-104-00	790-102-00	790-163-00	790-164-00	790-103-00	790-105-00	790-142-00	790-142-00
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

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:

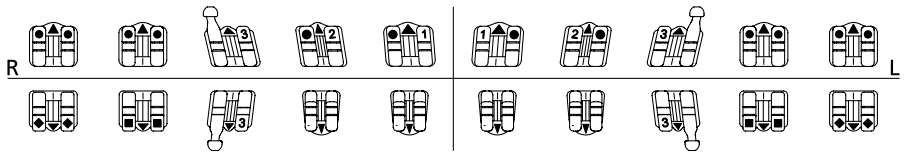
Other brackets with Roth values see single packs.

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 724-272-51 / 1 x 724-273-51).

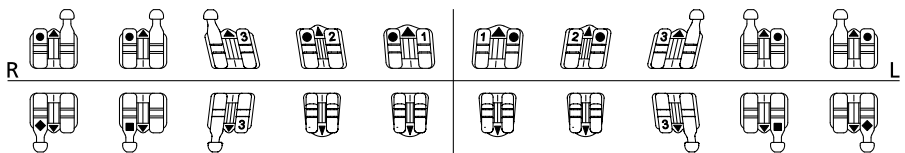
Other brackets with Roth values see single packs.

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

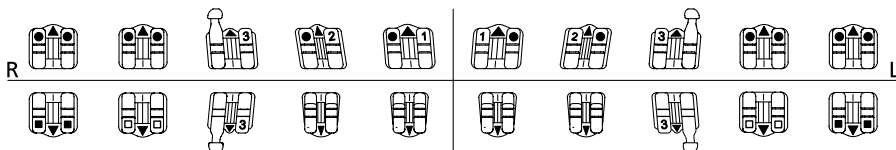
discovery® / Assortments

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:

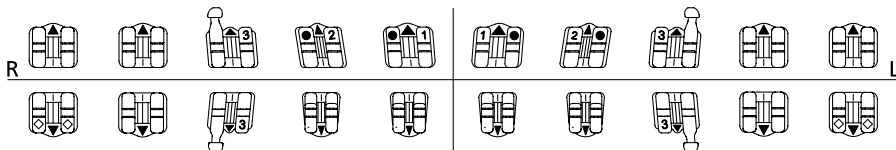
1 case	20 brackets	REF 891-375-00
10 cases	200 brackets	REF 891-376-00
50 cases	1000 brackets	REF 891-377-00

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:

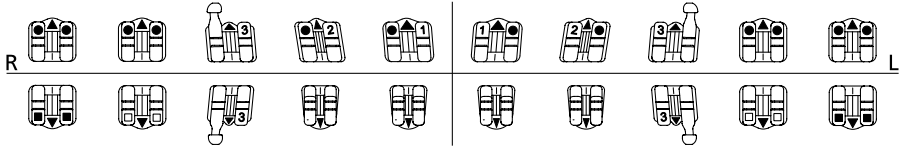
1 case	20 brackets	REF 891-188-00
10 cases	200 brackets	REF 891-189-00
50 cases	1000 brackets	REF 891-196-00

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

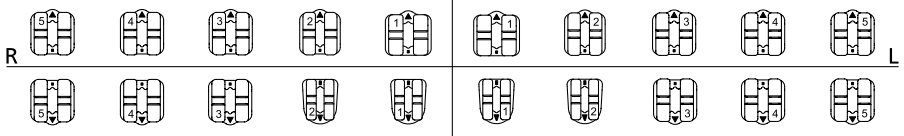
Standard Edgewise 18

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

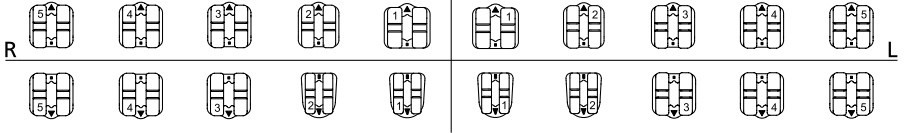
Standard Edgewise 22

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
11	+ 22°	+ 5°	0.7 mm		3.8 mm		790-124-00	10 pieces
21	+ 22°	+ 5°	0.7 mm		3.8 mm		790-125-00	10 pieces
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

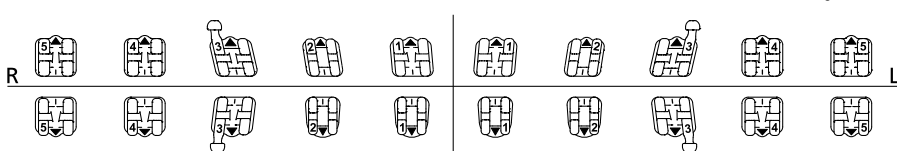
Roth 18

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	718-901-45	718-901-44	718-941-43	718-901-42	718-901-41	718-901-31	718-901-32	718-941-33	718-901-34	718-901-35
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

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

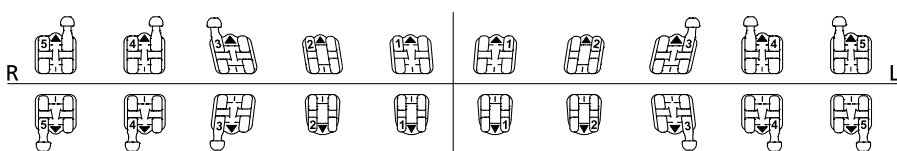
Roth 18

Slot: 0.46 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
50 cases	1000 brackets	REF 718-941-50

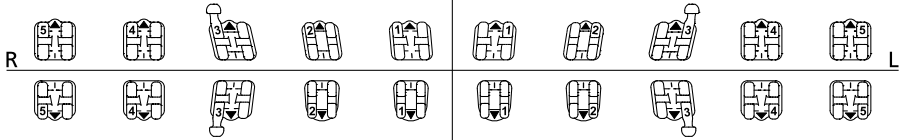
Roth 22

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	722-901-45	722-901-44	722-941-43	722-901-42	722-901-41	722-901-31	722-901-32	722-941-33	722-901-34	722-901-35
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

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

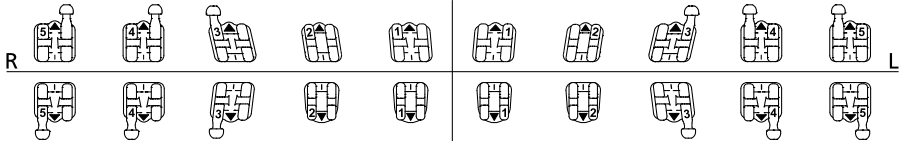
Roth 22

Slot: 0.56 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
50 cases	1000 brackets	REF 722-941-50

Metal brackets

discovery® smart / Assortments

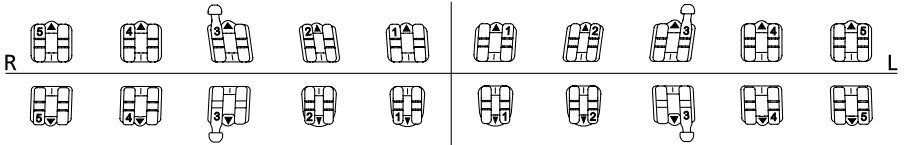
McLaughlin-Bennett-Trevisi** 18

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	718-902-44	718-942-43	718-902-42	718-902-41	718-902-31	718-902-32	718-942-33	718-902-34	718-902-35
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

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

** 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.

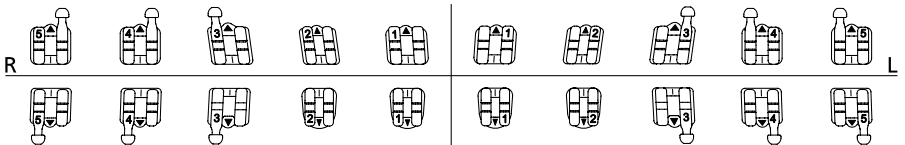
McLaughlin-Bennett-Trevisi** 18

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
50 cases	1000 brackets	REF 718-942-50

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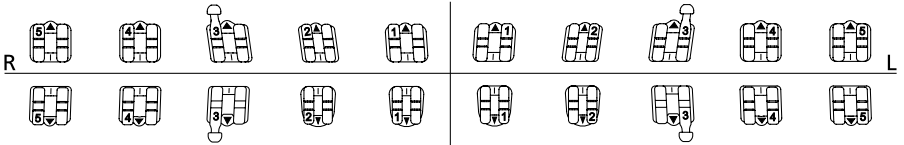
McLaughlin-Bennett-Trevisi** 22

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	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	722-902-44	722-942-43	722-902-42	722-902-41	722-902-31	722-902-32	722-942-33	722-902-34	722-902-35
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

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

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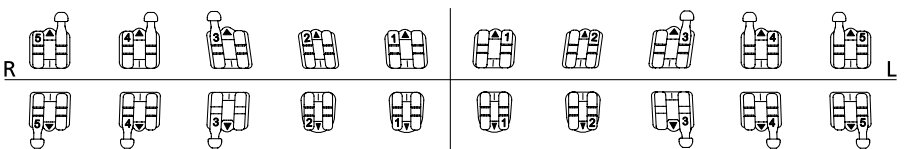
McLaughlin-Bennett-Trevisi** 22

Slot: 0.56 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
50 cases	1000 brackets	REF 722-942-50

** 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

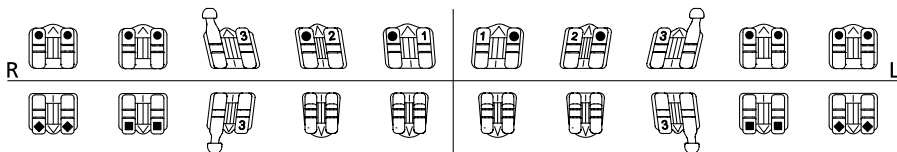
topic / Assortments

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	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	790-306-00	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.

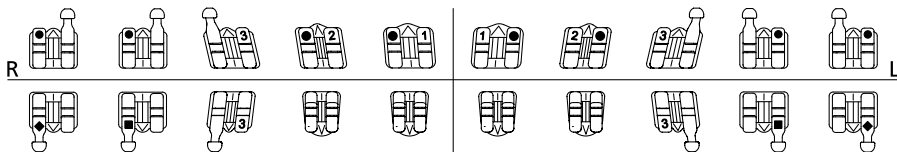
* acc. to ISO 6871-1 (1994)

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	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	790-341-00	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.

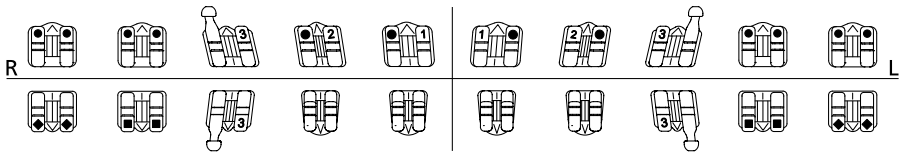
* acc. to ISO 6871-1 (1994)

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	790-320-00	790-319-00	790-319-00	790-319-00	790-319-00	790-321-00	790-322-00	790-323-00
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

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

Note:

Other brackets with Roth values see single packs.

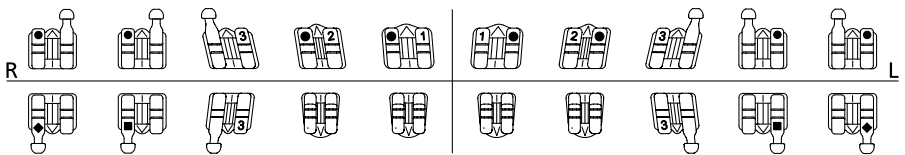
* acc. to ISO 6871-1 (1994)

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.

* acc. to ISO 6871-1 (1994)

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

* acc. to ISO 6871-1 (1994)

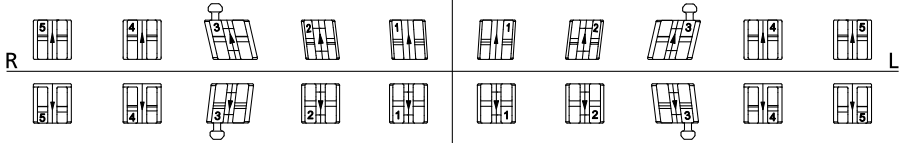
Roth 18

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

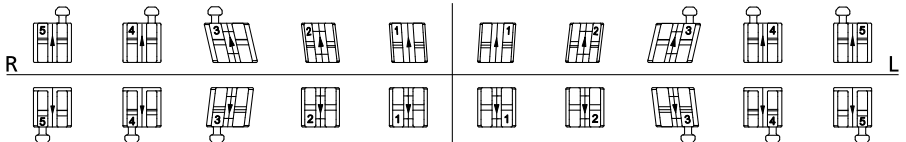
Roth 18

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

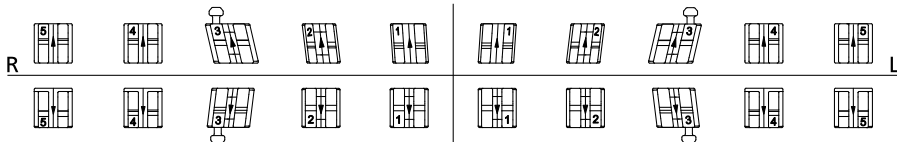
Roth 22

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	722-401-34	722-401-35
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

Assortments:

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

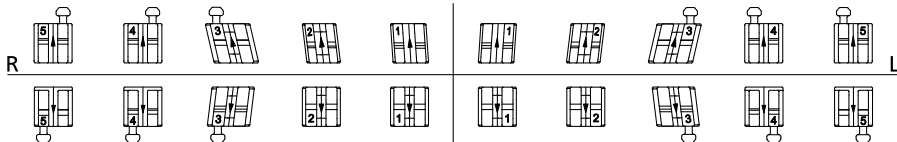
Roth 22

Slot: 0.56 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	2.4 mm	2.4 mm	2.2 mm	2.4 mm	2.4 mm	2.4 mm
REF	722-441-15	722-441-14	722-441-13	722-401-12	722-401-11	722-401-21	722-401-22	722-441-23	722-441-24	722-441-25
Quantity	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces	10 pieces

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

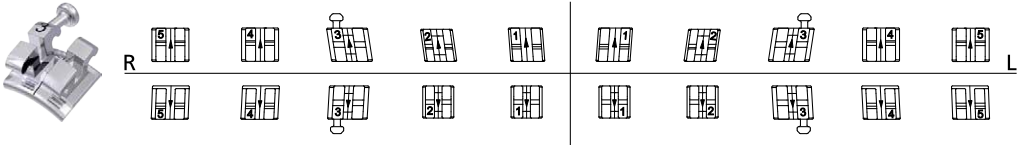
McLaughlin-Bennett-Trevisi** 18

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.

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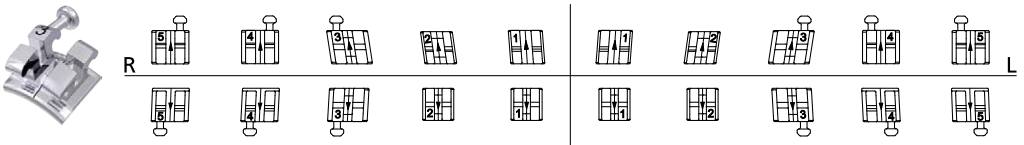
McLaughlin-Bennett-Trevisi** 18

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	2.4 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.

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Metal brackets

equilibrium® mini / Assortments

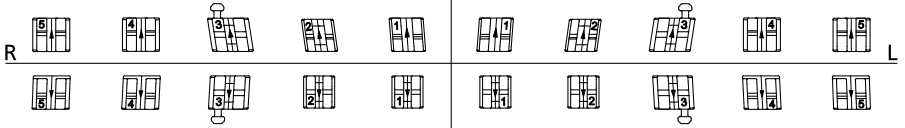
McLaughlin-Bennett-Trevisi** 22

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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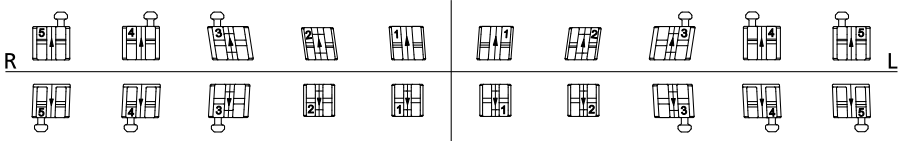
McLaughlin-Bennett-Trevisi** 22

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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McLaughlin-Bennett-Trevisi** 18/22

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
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
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



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

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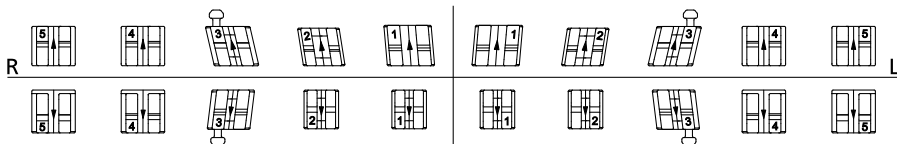
Roth 18

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.

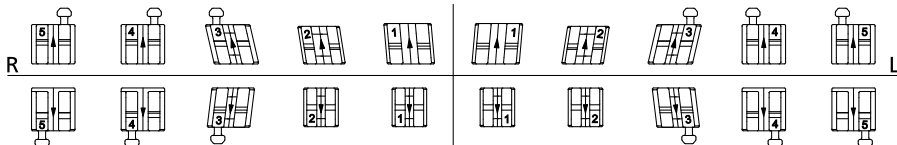
Roth 18

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.

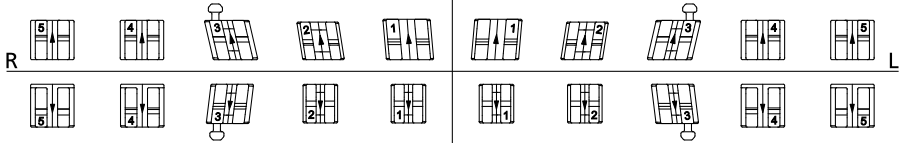
Roth 22

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.

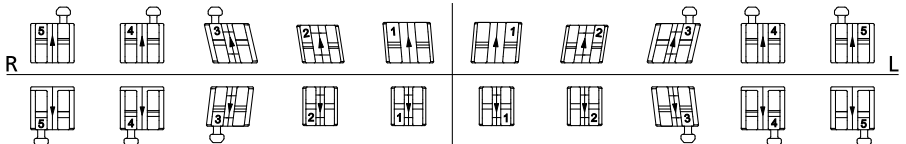
Roth 22

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

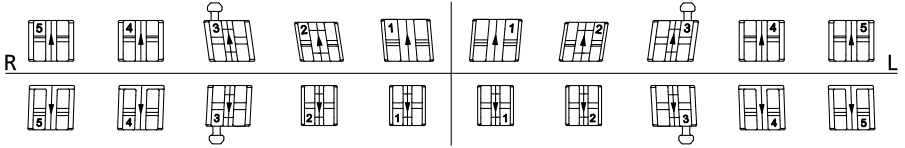
McLaughlin-Bennett-Trevisi** 18

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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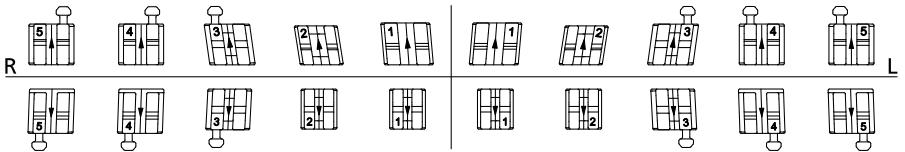
McLaughlin-Bennett-Trevisi** 18

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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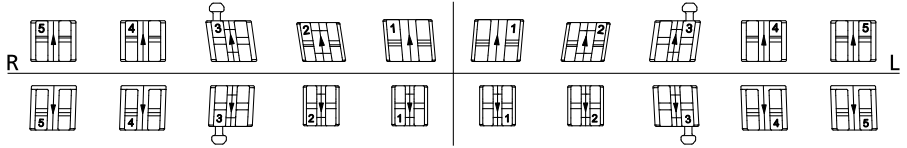
McLaughlin-Bennett-Trevisi** 22

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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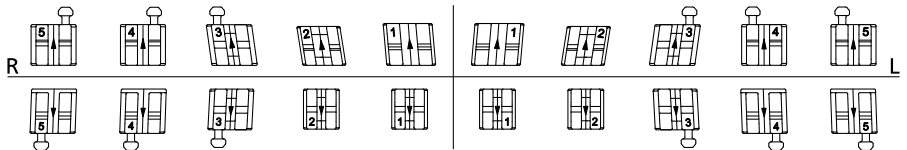
McLaughlin-Bennett-Trevisi** 22

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

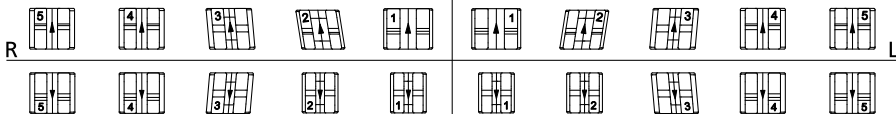
Ricketts® Universal 18

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.

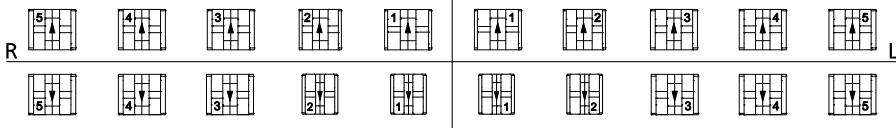
Standard Edgewise 18

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

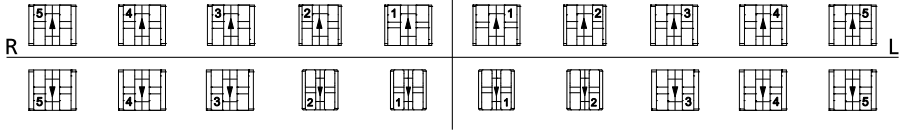
Standard Edgewise 22

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

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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	790-292-02	10 pieces
15-14/23	+ 7°	0°	0.7 mm	•	3.1 mm	790-291-02	790-293-02	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

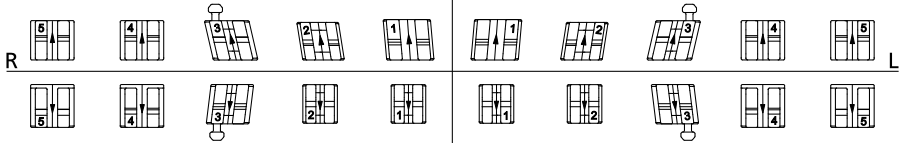
Roth 18

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).

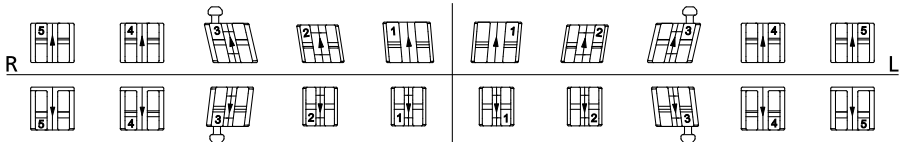
Roth 22

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

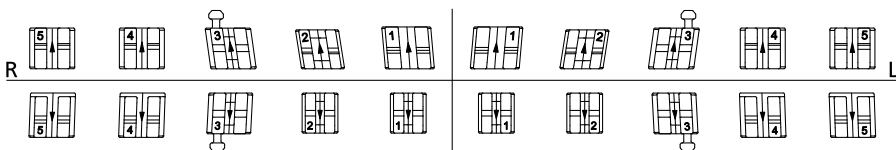
McLaughlin-Bennett-Trevisi** 18

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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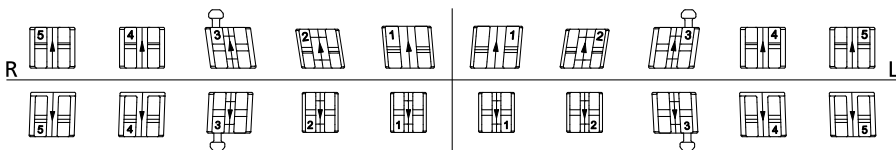
McLaughlin-Bennett-Trevisi** 22

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

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Aesthetic brackets.

For an even more beautiful smile.



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



Rediscover aesthetics.

discovery[®]
.pearl

Fascination[®]
Fascination[®] 2

JEWELS

Elegance[®]

The highest quality standards.

All brackets in the wide Dentaaurum range, regardless of 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. The decisive factor is the highest precision to ensure safe and reliable application 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. The chemical production at Dentaaurum requires continual development of aesthetic materials to enable us to react optimally to the increased demand in the ceramic bracket sector.





discovery® pearl

Fascinatingly natural.



Fascination®/Fascination® 2

Fascinating aesthetics.



Jewels

The colorful funstyle brackets.



Elegance®

The light plastic brackets.



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
	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 placement aids and FDI notation on the base facilitates tooth-specific assignment of each bracket. The placement aid 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.

"THE PEARL IS THE EPITOME OF NATURAL BEAUTY. IT DEVELOPS INSIDE AN OYSTER AND REQUIRES TIME TO MATURE TO PERFECTION."

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 was not there.

Colored placement aids

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 optimal bonding and debonding characteristics.



Aesthetic brackets

discovery® pearl ceramic brackets / Starter sets



discovery® pearl starter set

Contents:

- 5 x 1 case discovery® pearl ceramic brackets (maxillary/mandibular 5-5)
 - Roth 18: Assortment REF 718-741-65
 - Roth 22: Assortment REF 722-741-65
 - McLaughlin-Bennett-Trevisi* 18: Assortment REF 718-742-65
 - McLaughlin-Bennett-Trevisi* 22: Assortment REF 722-742-65
- 1 x translucent arches pearl, 5 arches each (REF 766-906-00)
- 5 x Dentalastics® pearl, 5 sticks, 22 rings each
- 1 x discovery® pearl debonding instrument (REF 019-001-00)
- 1 x discovery® pearl orthodontic demonstration model (REF 892-000-21)

System	REF	Quantity
Roth 18	718-703-00	1 set
Roth 22	722-703-00	1 set
McLaughlin-Bennett-Trevisi* 18	718-701-00	1 set
McLaughlin-Bennett-Trevisi* 22	722-701-01	1 set

CC 0483

NEW

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discovery® pearl ceramic brackets / Assortments

Roth 18/22

Cuspid brackets with hook · with positioning guide

NEW

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

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 18/22

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

NEW

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

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

Cuspid brackets with hook · with positioning guide

NEW

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

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

NEW

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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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

NEW



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

** 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.

DENTAURUM
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Aesthetic brackets

discovery® pearl & smart combined assortments



Roth 18/22

Cuspid brackets with hook - with positioning guide

NEW

Brackets	Teeth	REF (18)	REF (22)	Quantity
discovery® pearl	15-11/21-25	891-403-00	891-404-00	1 bracket each = 20 pieces
discovery® smart	45-41/31-35			

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

Cuspid brackets with hook - with positioning guide

NEW

Brackets	Teeth	REF (18)	REF (22)	Quantity
discovery® pearl	15-11/21-25	891-405-00	891-400-00	1 bracket each = 20 pieces
discovery® smart	45-41/31-35			

CE 0483

Slot 18: 0,46 x 0,76 mm / 18 x 30
Slot 22: 0,56 x 0,76 mm / 22 x 30

** 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.

discovery® pearl debonding instrument

sterilizable

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

REF	Quantity
019-001-00	1 piece

CE



Dentalastics® pearl

Plastic ligatures

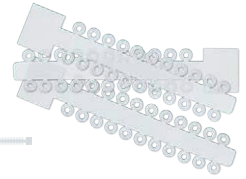
Especially delicate plastic ligatures for ligating archwires to brackets.

Contents:

45 sticks x 22 rings = 990 pieces

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

CE 0483



Elasto-Force plastic chain

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

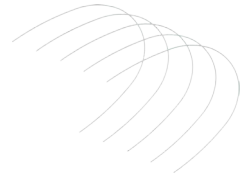
CE 0483



Translucent ideal arch pearl, round

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

CE 0483



Aesthetic brackets

Fascination® ceramic brackets / Assortments



Roth 18/22

Cuspid brackets with hook · with positioning guide

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	700-055-00	700-059-00	1 bracket each = 6 pieces
15-11/21-25	700-057-00	700-061-00	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
43-41/31-33	700-063-00	700-064-00	1 bracket each = 6 pieces

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23/43-41/31-33	700-056-00	700-060-00	1 bracket each = 12 pieces
15-11/21-25/45-41/31-35	700-058-00	700-062-00	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	700-007-00	700-011-00	1 bracket each = 6 pieces
15-11/21-25	700-009-00	700-013-00	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23/43-41/31-33	700-067-00	700-069-00	1 bracket each = 12 pieces
15-11/21-25/45-41/31-35	700-068-00	700-070-00	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

Roth 18/22

with positioning guide

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 11°	+ 5°			3.9 mm	700-015-03	700-035-03	1 piece
21	+ 11°	+ 5°			3.9 mm	700-016-03	700-036-03	1 piece
12	+ 7°	+ 8°			3.4 mm	700-017-03	700-037-03	1 piece
22	+ 7°	+ 8°			3.4 mm	700-018-03	700-038-03	1 piece
13	- 2°	+ 13°			3.9 mm	700-019-03	700-039-03	1 piece
23	- 2°	+ 13°			3.9 mm	700-020-03	700-040-03	1 piece
13	- 2°	+ 13°		•	3.9 mm	700-021-03	700-041-03	1 piece
23	- 2°	+ 13°		•	3.9 mm	700-022-03	700-042-03	1 piece
14	- 7°	0°			3.9 mm	700-023-13	700-043-13	1 piece
24	- 7°	0°			3.9 mm	700-023-23	700-043-23	1 piece
15	- 7°	0°			3.9 mm	700-023-33	700-043-33	1 piece
25	- 7°	0°			3.9 mm	700-023-43	700-043-43	1 piece



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
41	0°	0°			3.4 mm	700-002-13	700-005-13	1 piece
31	0°	0°			3.4 mm	700-002-23	700-005-23	1 piece
42	0°	0°			3.4 mm	700-002-33	700-005-33	1 piece
32	0°	0°			3.4 mm	700-002-43	700-005-43	1 piece
43	- 11°	+ 5°			3.9 mm	700-025-03	700-045-03	1 piece
33	- 11°	+ 5°			3.9 mm	700-026-03	700-046-03	1 piece
43	- 11°	+ 5°		•	3.9 mm	700-027-03	700-047-03	1 piece
33	- 11°	+ 5°		•	3.9 mm	700-028-03	700-048-03	1 piece
44	- 17°	0°			3.9 mm	700-029-13	700-049-13	1 piece
34	- 17°	0°			3.9 mm	700-029-23	700-049-23	1 piece
45	- 22°	0°			3.9 mm	700-030-13	700-050-13	1 piece
35	- 22°	0°			3.9 mm	700-030-23	700-050-23	1 piece



CE 0483

Single packages also available with contents = 10 pieces! In this case the 8th digit of the REF is "0".

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°	1.2 mm		3.9 mm	700-001-03	700-004-03	1 piece
12/22	0°	0°	1.2 mm		3.4 mm	700-002-03	700-005-03	1 piece

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
42-41/31-32	0°	0°	1.2 mm		3.0 mm	700-065-03	700-066-03	1 piece

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
15-13/23-25/45-43/33-35	0°	0°	1.2 mm		3.9 mm	700-003-03	700-006-03	1 piece

CE 0483

Single packages also available with contents = 10 pieces! In this case the 8th digit of the REF is "0".

Slot 18: 0.46 x 0.76 mm / 18 x 30

Slot 22: 0.56 x 0.76 mm / 22 x 30



Fascination® 2 ceramic brackets / Assortments



Roth 18/22

Cuspid brackets with hook - with positioning guide

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	700-055-01	700-059-01	1 bracket each = 6 pieces
15-11/21-25	700-057-01	700-061-01	1 bracket each = 10 pieces

Teeth	REF (18)	REF (22)	Quantity
43-41/31-33	700-063-01	700-064-01	1 bracket each = 6 pieces

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23/43-41/31-33	700-056-01	700-060-01	1 bracket each = 12 pieces
15-11/21-25/45-41/31-35	700-058-01	700-062-01	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

Fascination® 2 ceramic brackets / Single packs

Roth 18/22

with positioning guide

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 11°	+ 5°			3.9 mm	700-015-04	700-035-04	1 piece
21	+ 11°	+ 5°			3.9 mm	700-016-04	700-036-04	1 piece
12	+ 7°	+ 8°			3.4 mm	700-017-04	700-037-04	1 piece
22	+ 7°	+ 8°			3.4 mm	700-018-04	700-038-04	1 piece
13	- 2°	+ 13°		•	3.9 mm	700-021-04	700-041-04	1 piece
23	- 2°	+ 13°		•	3.9 mm	700-022-04	700-042-04	1 piece
14	- 7°	0°			3.9 mm	700-023-14	700-043-14	1 piece
24	- 7°	0°			3.9 mm	700-023-24	700-043-24	1 piece
15	- 7°	0°			3.9 mm	700-023-34	700-043-34	1 piece
25	- 7°	0°			3.9 mm	700-023-44	700-043-44	1 piece



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
41	0°	0°			3.4 mm	700-002-14	700-005-14	1 piece
31	0°	0°			3.4 mm	700-002-24	700-005-24	1 piece
42	0°	0°			3.4 mm	700-002-34	700-005-34	1 piece
32	0°	0°			3.4 mm	700-002-44	700-005-44	1 piece
43	- 11°	+ 5°		•	3.9 mm	700-027-04	700-047-04	1 piece
33	- 11°	+ 5°		•	3.9 mm	700-028-04	700-048-04	1 piece
44	- 17°	0°			3.9 mm	700-029-14	700-049-14	1 piece
34	- 17°	0°			3.9 mm	700-029-24	700-049-24	1 piece
45	- 22°	0°			3.9 mm	700-030-14	700-050-14	1 piece
35	- 22°	0°			3.9 mm	700-030-24	700-050-24	1 piece



CE 0483

Single packages also available with contents = 10 pieces! In this case the 8th digit of the REF is "1".

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

Jewels ceramic brackets / Assortments



Roth 18/22

Cuspid brackets with hook - with positioning guide - **aquamarine**

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	700-155-00	700-159-00	1 bracket each = 6 pieces
15-11/21-25	700-157-00	700-161-00	1 bracket each = 10 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 - with positioning guide - **azure**

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	700-255-00	700-259-00	1 bracket each = 6 pieces
15-11/21-25	700-257-00	700-261-00	1 bracket each = 10 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 - with positioning guide - **pink**

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	700-355-00	700-359-00	1 bracket each = 6 pieces
15-11/21-25	700-357-00	700-361-00	1 bracket each = 10 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 - with positioning guide - **grenadine**

Teeth	REF (18)	REF (22)	Quantity
13-11/21-23	700-455-00	700-459-00	1 bracket each = 6 pieces
15-11/21-25	700-457-00	700-461-00	1 bracket each = 10 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

with positioning guide · aquamarine



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 11°	+ 5°			3.9 mm	700-115-00	700-135-00	1 piece
21	+ 11°	+ 5°			3.9 mm	700-116-00	700-136-00	1 piece
12	+ 7°	+ 8°			3.4 mm	700-117-00	700-137-00	1 piece
22	+ 7°	+ 8°			3.4 mm	700-118-00	700-138-00	1 piece
13	- 2°	+ 13°		•	3.9 mm	700-121-00	700-141-00	1 piece
23	- 2°	+ 13°		•	3.9 mm	700-122-00	700-142-00	1 piece
14	- 7°	0°			3.9 mm	700-123-10	700-143-10	1 piece
24	- 7°	0°			3.9 mm	700-123-20	700-143-20	1 piece
15	- 7°	0°			3.9 mm	700-123-30	700-143-30	1 piece
25	- 7°	0°			3.9 mm	700-123-40	700-143-40	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

Roth 18/22

with positioning guide · azure



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 11°	+ 5°			3.9 mm	700-215-00	700-235-00	1 piece
21	+ 11°	+ 5°			3.9 mm	700-216-00	700-236-00	1 piece
12	+ 7°	+ 8°			3.4 mm	700-217-00	700-237-00	1 piece
22	+ 7°	+ 8°			3.4 mm	700-218-00	700-238-00	1 piece
13	- 2°	+ 13°		•	3.9 mm	700-221-00	700-241-00	1 piece
23	- 2°	+ 13°		•	3.9 mm	700-222-00	700-242-00	1 piece
14	- 7°	0°			3.9 mm	700-223-10	700-243-10	1 piece
24	- 7°	0°			3.9 mm	700-223-20	700-243-20	1 piece
15	- 7°	0°			3.9 mm	700-223-30	700-243-30	1 piece
25	- 7°	0°			3.9 mm	700-223-40	700-243-40	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

Roth 18/22

with positioning guide · pink



Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 11°	+ 5°			3.9 mm	700-315-00	700-335-00	1 piece
21	+ 11°	+ 5°			3.9 mm	700-316-00	700-336-00	1 piece
12	+ 7°	+ 8°			3.4 mm	700-317-00	700-337-00	1 piece
22	+ 7°	+ 8°			3.4 mm	700-318-00	700-338-00	1 piece
13	- 2°	+ 13°		•	3.9 mm	700-321-00	700-341-00	1 piece
23	- 2°	+ 13°		•	3.9 mm	700-322-00	700-342-00	1 piece
14	- 7°	0°			3.9 mm	700-323-10	700-343-10	1 piece
24	- 7°	0°			3.9 mm	700-323-20	700-343-20	1 piece
15	- 7°	0°			3.9 mm	700-323-30	700-343-30	1 piece
25	- 7°	0°			3.9 mm	700-323-40	700-343-40	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

Aesthetic brackets

Jewels ceramic brackets / Single packs



Roth 18/22

with positioning guide · grenadine

Teeth	Torque	Angulation	In/Out	Hook	Width	REF (18)	REF (22)	Quantity
11	+ 11°	+ 5°			3.9 mm	700-415-00	700-435-00	1 piece
21	+ 11°	+ 5°			3.9 mm	700-416-00	700-436-00	1 piece
12	+ 7°	+ 8°			3.4 mm	700-417-00	700-437-00	1 piece
22	+ 7°	+ 8°			3.4 mm	700-418-00	700-438-00	1 piece
13	- 2°	+ 13°		•	3.9 mm	700-421-00	700-441-00	1 piece
23	- 2°	+ 13°		•	3.9 mm	700-422-00	700-442-00	1 piece
14	- 7°	0°			3.9 mm	700-423-10	700-443-10	1 piece
24	- 7°	0°			3.9 mm	700-423-20	700-443-20	1 piece
15	- 7°	0°			3.9 mm	700-423-30	700-443-30	1 piece
25	- 7°	0°			3.9 mm	700-423-40	700-443-40	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

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
Teeth	REF (18)	REF (22)	Quantity
43-41/31-33	791-066-00	791-067-00	1 bracket each = 6 pieces
Teeth	REF (18)	REF (22)	Quantity
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
Teeth	REF (18)	REF (22)	Quantity
15-11/21-25/45-41/31-35	791-063-00	791-065-00	1 bracket each = 20 pieces

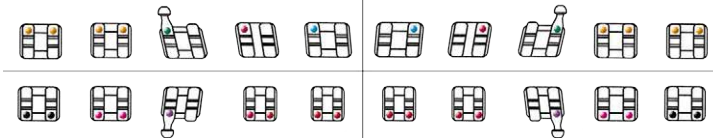
CE 0483

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.



Aesthetic brackets

Elegance® plastic brackets / Single packs



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

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 demonstration model Fascination® 2

Angle Class I, normal occlusion

Roth 22

Fitted with:

- Fascination® 2 ceramic brackets
- Ortho-Cast M-Series mini buccal tubes
- dentaform® bands
- rematitan® "LITE" White arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-11

1 piece



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

NEW



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 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.



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 0470



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 bicuspids.
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 bases

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 bicuspids	curved	4.0 x 4.5 mm	799-204-00	10 pieces
for buccal tubes and 1st molars	large	3.8 x 8.3 mm	799-205-00	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
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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
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CE



Bracket tray

With self sticking foil to presort brackets.

REF 891-002-00	50 pieces
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Bracket container

For storage of previously sorted brackets.

REF 891-001-00	1 piece
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Storage box

For storage of individual brackets.

REF 766-003-00	1 piece
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Buccal tubes

Bonding technique	Page	112
Bonding technique / Nickel-free* tubes	Page	118
Bonding technique / Titanium tubes	Page	119
Banding technique	Page	120
Prewelded parts	Page	128

* acc. to ISO 6871-1 (1994)




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)
	Lipbumper/Face Bow tubes ø 1.15 mm / 45
	In/Out 0.3 mm
Hooks	Hooks are positioned mesially unless otherwise stated! Easy Identification: + = Maxillary - = Mandibular

Pictures of the buccal tubes are examples only!

Information can be found easily with Dentaureum's color coded catalog.

 Maxillary

 Mandibular

 Upper + Lower / Assortments

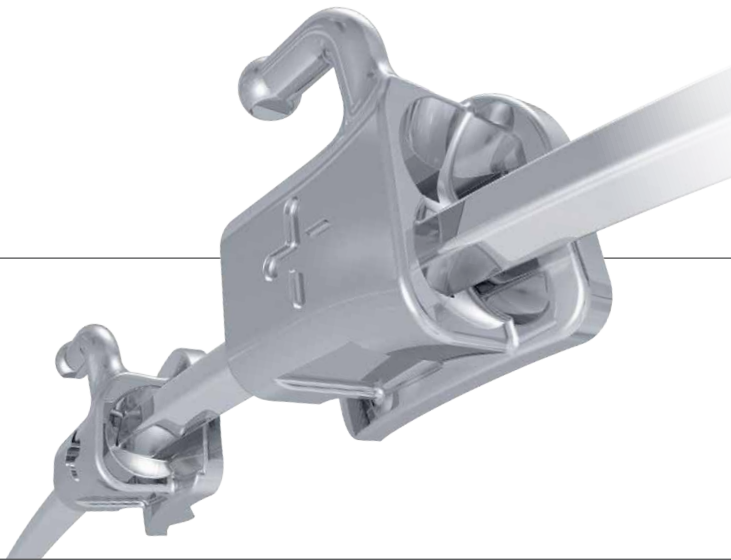
Buccal tubes.

Perfect in function and design.



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





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. In our prewelding service, the buccal tubes can be welded to the bands of your choice.

Ortho-Cast M-Series is the latest generation of buccal tubes with perfect handling characteristics. With a positioning groove on the base and an auxiliary groove for the positioning tweezers, the placement of the tubes becomes extremely easy. The funnel-shaped entryway ensures easy arch insertion. The M-Series is also available as M-Series mini for the 2nd molars.



Ortho-Cast M-Series

The new generation.



Ortho-Cast M-Series mini

The delicate buccal tubes.



Ortho-Cast

The innovative MIM buccal tubes.



Ortho-Cast NF

The nickel-free* solution.



rematitan®

The only buccal tubes made of pure titanium.



Ortho

The standard buccal tubes.



* acc. to ISO 6871-1 (1994)

Buccal tubes

Bonding technique

single round



Ortho

non-convertible · with Lipbumper/Face Bow 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



Ortho

non-convertible · with vertical slot · for Lipbumper/Face Bow Technique, for Light Wire Technique · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF	System
17-16/36-37		6°	•	6.0 mm	725-033-50	Begg
26-27/47-46		6°	•	6.0 mm	725-034-50	Begg

☞ 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
17-16	- 14°	0°	•	2.5 mm	724-250-51	724-254-51	Roth, McLaughlin-Bennett-Trevisi**
26-27	- 14°	0°	•	2.5 mm	724-251-51	724-255-51	Roth, McLaughlin-Bennett-Trevisi**



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47	- 10°	0°	•	2.5 mm		724-260-51	McLaughlin-Bennett-Trevisi**
37	- 10°	0°	•	2.5 mm		724-261-51	McLaughlin-Bennett-Trevisi**
46	- 20°	0°	•	2.5 mm		724-258-51	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	2.5 mm		724-259-51	McLaughlin-Bennett-Trevisi**
47-46	- 30°	0°	•	2.5 mm	724-252-51	724-256-51	Roth
36-37	- 30°	0°	•	2.5 mm	724-253-51	724-257-51	Roth



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/36-37	0°	0°	•	2.5 mm	724-262-51	724-264-51	Ricketts® Universal 18, Standard Edgewise
26-27/47-46	0°	0°	•	2.5 mm	724-263-51	724-265-51	Ricketts® Universal 18, 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**



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
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**



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

non-convertible · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	724-232-51	724-214-51	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-233-51	724-215-51	McLaughlin-Bennett-Trevisi**



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 10°	0°	•	4.0 mm	724-236-51	724-218-51	McLaughlin-Bennett-Trevisi** for the 2nd molar
36-37	- 10°	0°	•	4.0 mm	724-237-51	724-219-51	McLaughlin-Bennett-Trevisi** for the 2nd molar
47-46	- 25°	8°	•	4.0 mm	724-020-51	724-120-51	
36-37	- 25°	8°	•	4.0 mm	724-021-51	724-121-51	
47-46	- 30°	12°	•	4.0 mm	724-014-51	724-114-51	
36-37	- 30°	12°	•	4.0 mm	724-015-51	724-115-51	



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

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Buccal tubes

Bonding technique

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	724-216-51	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	724-235-51	724-217-51	McLaughlin-Bennett-Trevisi** for the 1st molar
47-46	- 25°	8°	•	4.0 mm	724-040-51	724-140-51	
36-37	- 25°	8°	•	4.0 mm	724-041-51	724-141-51	

CE 0483

Slot 18: 0.46 x 0.64 mm / 18 x 25

Slot 22: 0.56 x 0.70 mm / 22 x 28

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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	Ricketts® Universal 18, Standard Edgewise
26-27/47-46	0°	0°	•	6.0 mm		724-085-50	Ricketts® Universal 18, Standard Edgewise
17-16/36-37	0°	6°	•	6.0 mm		724-088-50	
26-27/47-46	0°	6°	•	6.0 mm		724-089-50	
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 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	725-308-50	725-306-50	
26-27/47-46	0°	6°	•	4.0 mm	725-309-50	725-307-50	
17-16/26-27/47-46/36-37	0°	6°	•	4.0 mm	725-310-50	725-311-50	

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 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

double rectangular

Ortho-Cast M-Series 18/22

non-convertible · Quantity: 10 pieces

NEW



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**

☞ 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

convertible · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 25°	8°	•	4.0 mm	724-056-51		
36-37	- 25°	8°	•	4.0 mm	724-057-51		
47-46	- 30°	4°	•	4.0 mm	724-270-51	724-272-51	Roth
36-37	- 30°	4°	•	4.0 mm	724-271-51	724-273-51	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 22: 0.56 x 0.70 mm / 22 x 28 · 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

Buccal tubes

Bonding technique

double combination



Ortho-Cast 18/22

non-convertible · with Lipbumper/Face Bow 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

CE 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 Lipbumper/Face Bow 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	724-224-51	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-243-51	724-225-51	McLaughlin-Bennett-Trevisi**

CE 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

convertible · with Lipbumper/Face Bow 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**

CE 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 Lipbumper/Face Bow tube occlusal · **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

CE 0483

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

triple combination

Ortho-Cast 18/22

non-convertible · with Lipbumper/Face Bow tube occlusal · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm	724-200-51	724-202-51	Roth
26-27	- 14°	14°	•	4.0 mm	724-201-51	724-203-51	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)
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 Lipbumper/Face Bow tube occlusal · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	10°	•	4.0 mm	724-230-51	724-212-51	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-231-51	724-213-51	McLaughlin-Bennett-Trevisi**
17-16	- 14°	14°	•	4.0 mm	724-266-51	724-268-51	Roth
26-27	- 14°	14°	•	4.0 mm	724-267-51	724-269-51	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)
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)
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single rectangular

Ortho-Cast M-Series 22

convertible · Quantity: 10 pieces

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



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
46	- 20°	0°	•	3.3 mm		822-112-46	McLaughlin-Bennett-Trevisi**
36	- 20°	0°	•	3.3 mm		822-112-36	McLaughlin-Bennett-Trevisi**



CE 0483

Slot 22: 0.56 x 0.70 mm / 22 x 28
** 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.



Buccal tubes

Bonding technique / Nickel-free* tubes

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	

☞ 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
 * acc. to ISO 6871-1 (1994)

triple combination



Ortho-Cast NF 18/22

non-convertible · nickel-free* · with Lipbumper/Face Bow 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	724-503-51	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 (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)
 * acc. to ISO 6871-1 (1994)

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	



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

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	



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

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Buccal tubes

Banding technique

single round



Ortho-Cast

non-convertible · with vertical slot · with Lipbumper/Face Bow 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	

CE 0483

Slot: 0.9 mm / 36



Ortho

non-convertible · with vertical slot · for Lipbumper/Face Bow Technique, for Light Wire Technique · **Quantity: 10 pieces**

Teeth	Torque	Distal Offset	Hook	Width	REF	System
17-16/36-37		6°	•	6.0 mm	725-033-00	Begg
26-27/47-46		6°	•	6.0 mm	725-034-00	Begg

CE 0483

Slot: 0.9 mm / 36



Ortho

non-convertible · with Lipbumper/Face Bow 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	

CE 0483

Slot: 0.9 mm / 36



Ortho

non-convertible · with Lipbumper/Face Bow 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	

CE 0483

Slot: 1.15 mm / 45

double round



Ortho

non-convertible · with Lipbumper/Face Bow 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	

CE 0483

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

single rectangular



Ortho-Cast M-Series 18/22

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

NEW

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
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	

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

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	724-214-00	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-233-00	724-215-00	McLaughlin-Bennett-Trevisi**



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 10°	0°	•	4.0 mm	724-236-00	724-218-00	McLaughlin-Bennett-Trevisi** for the 2nd molar
36-37	- 10°	0°	•	4.0 mm	724-237-00	724-219-00	McLaughlin-Bennett-Trevisi** for the 2nd molar
47-46	- 25°	8°	•	4.0 mm	724-020-00	724-120-00	
36-37	- 25°	8°	•	4.0 mm	724-021-00	724-121-00	
47-46	- 30°	12°	•	4.0 mm	724-014-00	724-114-00	
36-37	- 30°	12°	•	4.0 mm	724-015-00	724-115-00	



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	724-148-00	
26-27	- 10°	8°	•	4.0 mm	724-049-00	724-149-00	



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
47-46	- 20°	0°	•	4.0 mm	724-234-00	724-216-00	McLaughlin-Bennett-Trevisi** for the 1st molar
36-37	- 20°	0°	•	4.0 mm	724-235-00	724-217-00	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	



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/36-37	0°	8°	•	4.0 mm	724-044-00	724-144-00	
26-27/47-46	0°	8°	•	4.0 mm	724-045-00	724-145-00	



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 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 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



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	725-306-00	
26-27/47-46	0°	6°	•	4.0 mm	725-309-00	725-307-00	
17-16-26-27/47-46/36-37	0°	6°	•	4.0 mm	725-310-00	725-311-00	

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

NEW

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**



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**
36-37	- 20°	0°	•	3.3 mm	818-222-30	822-222-30	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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double rectangular

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	724-166-00	
26-27	- 9°	10°	•	4.0 mm	724-067-00	724-167-00	
17-16	- 10°	15°	•	4.0 mm	724-280-00		
26-27	- 10°	15°	•	4.0 mm	724-281-00		



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
47-46	- 25°	12°	•	4.0 mm	724-282-00		
36-37	- 25°	12°	•	4.0 mm	724-283-00		



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

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

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

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	724-102-00	Ricketts® Universal 18, Standard Edgewise
36-37	0°	0°	•	4.0 mm	724-003-00	724-103-00	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	
47-46	- 30°	4°	•	4.0 mm	724-270-00	724-272-00	Roth
36-37	- 30°	4°	•	4.0 mm	724-271-00	724-273-00	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 22: 0.56 x 0.70 mm / 22 x 28 · Slot auxiliary tube: 0.46 x 0.64 mm / 18 x 25

Buccal tubes

Banding technique

double combination



Ortho-Cast 18/22

non-convertible · with Lipbumper/Face Bow 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

CE 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 Lipbumper/Face Bow tube occlusal · **Quantity: 10 pieces**

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
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	724-158-00	
26-27	- 10°	15°	•	4.0 mm	724-059-00	724-159-00	
17-16	- 14°	10°	•	4.0 mm	724-242-00	724-224-00	McLaughlin-Bennett-Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-243-00	724-225-00	McLaughlin-Bennett-Trevisi**

CE 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

convertible · with Lipbumper/Face Bow tube gingival · **Quantity: 10 pieces**

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 10°	8°	•	4.0 mm		724-150-00	
26-27	- 10°	8°	•	4.0 mm		724-151-00	
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	

CE 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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double combination

Ortho 18/22

non-convertible · with Lipbumper/Face Bow 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	



CE 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 Lipbumper/Face Bow 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



CE 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)

Banding technique

triple combination



Ortho-Cast 18/22

non-convertible · with Lipbumper/Face Bow tube occlusal · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	- 14°	14°	•	4.0 mm	724-200-00	724-202-00	Roth
26-27	- 14°	14°	•	4.0 mm	724-201-00	724-203-00	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)
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 Lipbumper/Face Bow 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	

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 (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	

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 (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)



Ortho-Cast 18/22

convertible · with Lipbumper/Face Bow tube occlusal · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	8°	•	4.0 mm	724-006-00	724-106-00	
26-27	0°	8°	•	4.0 mm	724-007-00	724-107-00	
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	- 10°	8°	•	4.0 mm		724-162-00	
26-27	- 10°	8°	•	4.0 mm		724-163-00	
17-16	- 14°	10°	•	4.0 mm	724-230-00	724-212-00	McLaughlin-Bennett- Trevisi**
26-27	- 14°	10°	•	4.0 mm	724-231-00	724-213-00	McLaughlin-Bennett- Trevisi**
17-16	- 14°	14°	•	4.0 mm	724-266-00	724-268-00	Roth
26-27	- 14°	14°	•	4.0 mm	724-267-00	724-269-00	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)
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 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.



Ortho-Cast 18/22

convertible · with Lipbumper/Face Bow tube gingival · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
16	- 14°	14°	•	4.0 mm	724-180-00	724-182-00	Roth
26	- 14°	14°	•	4.0 mm	724-181-00	724-183-00	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 (gingival)
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 (gingival)

triple combination

Ortho 18/22

non-convertible · with Lipbumper/Face Bow tube central · Quantity: 10 pieces

Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16	0°	0°	•	4.6 mm	726-206-00		Ricketts® Universal 18, Standard Edgewise
26-27	0°	0°	•	4.6 mm	726-207-00		Ricketts® Universal 18, Standard Edgewise
17-16	0°	6°	•	4.6 mm	726-204-00	726-404-00	
26-27	0°	6°	•	4.6 mm	726-205-00	726-405-00	



Teeth	Torque	Distal Offset	Hook	Width	REF (18)	REF (22)	System
17-16/26-27/47-46/36-37	0°	0°		4.6 mm	726-201-00	726-401-00	Ricketts® Universal 18, Standard Edgewise
17-16/26-27/47-46/36-37	0°	6°		4.6 mm	726-203-00		



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 (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 18/22

non-convertible · with mesial/distal hook · with Lipbumper/Face Bow tube central · 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	726-202-00		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 round tube: 1.15 mm / 45 (central)



Buccal tubes

Prewelded parts



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

CE 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

CE 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

CE 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

CE 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

CE 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

CE 0483

Slot: 2 x 0.9 mm / 2 x 36

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

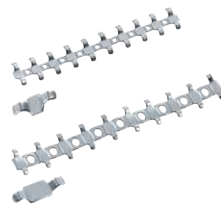


CE 0483

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

Insert-Adapter

For anchorage of buccal and lingual tubes in the case of fixed prosthetic restorations, e.g. in bridge units.

750-205-00	10 pieces
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CE 0483



dentaform® Snap

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dentaform®

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Standard

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Accessories

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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 prewelded 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 are high-gloss polished on the outside and roughened with 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 consists 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.

Prewelding service – banding technique.

Reliable and quick.

Optimal service.

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

Please contact your local representative.



Quick and easy ordering.

- **Ask for the prewelding order form.**
To allow quick and reliable processing, 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 would be pleased to assist you at any time.
- **Finished bands.**
You then receive your welded bands packed in mini grip bags with a complete statement of the contents.



dentaform® Snap / Assortments

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extraoral technique (Face Bow) or SUS²
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
16	No. 5-36 (2)	878-064-18	878-064-22	REF	64 pieces
26	No. 5-36 (2)	879-064-18	879-064-22	879-064-00	64 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
16	No. 5-8, 30-36 (2), 9-18 (4), 19-20 (6), 21-25,28-29 (8), 26-27 (10)	878-150-18	878-150-22	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)	879-150-18	879-150-22	879-150-00	150 pieces

☞ 0483

¹⁾ (16) welded with buccal tubes REF 724-266-00 and lingual attachment REF 750-602-10

(26) welded with buccal tubes REF 724-267-00 and lingual attachment REF 750-602-10

²⁾ (16) welded with buccal tubes REF 724-268-00 and lingual attachment REF 750-602-10

(26) welded with buccal tubes REF 724-269-00 and lingual attachment REF 750-602-10

Lower 1. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
46	No. 5-36 (2)	880-064-18	880-064-22	REF	64 pieces
36	No. 5-36 (2)	881-064-18	881-064-22	881-264-00	64 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
46	No. 5-8, 30-36 (2), 9-18 (4), 19-20 (6), 21-25,28-29 (8), 26-27 (10)	880-150-18	880-150-22	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)	881-150-18	881-150-22	881-250-00	150 pieces

☞ 0483

¹⁾ (46) welded with buccal tubes REF 724-270-00 and lingual attachment REF 750-602-10

(36) welded with buccal tubes REF 724-271-00 and lingual attachment REF 750-602-10

²⁾ (46) welded with buccal tubes REF 724-272-00 and lingual attachment REF 750-602-10

(36) welded with buccal tubes REF 724-273-00 and lingual attachment REF 750-602-10

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extraoral technique (Face Bow) or SUS²
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, right

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
							REF	
16	1	0.12 mm	8.78 mm	878-001-18	878-001-22	1 piece	878-001-00	10 pieces
16	2	0.12 mm	8.89 mm	878-002-18	878-002-22	1 piece	878-002-00	10 pieces
16	3	0.12 mm	8.99 mm	878-003-18	878-003-22	1 piece	878-003-00	10 pieces
16	4	0.12 mm	9.09 mm	878-004-18	878-004-22	1 piece	878-004-00	10 pieces
16	5	0.12 mm	9.20 mm	878-005-18	878-005-22	1 piece	878-005-00	10 pieces
16	6	0.12 mm	9.30 mm	878-006-18	878-006-22	1 piece	878-006-00	10 pieces
16	7	0.12 mm	9.40 mm	878-007-18	878-007-22	1 piece	878-007-00	10 pieces
16	8	0.12 mm	9.50 mm	878-008-18	878-008-22	1 piece	878-008-00	10 pieces
16	9	0.15 mm	9.61 mm	878-009-18	878-009-22	1 piece	878-009-00	10 pieces
16	10	0.15 mm	9.71 mm	878-010-18	878-010-22	1 piece	878-010-00	10 pieces
16	11	0.15 mm	9.81 mm	878-011-18	878-011-22	1 piece	878-011-00	10 pieces
16	12	0.15 mm	9.92 mm	878-012-18	878-012-22	1 piece	878-012-00	10 pieces
16	13	0.15 mm	10.02 mm	878-013-18	878-013-22	1 piece	878-013-00	10 pieces
16	14	0.15 mm	10.12 mm	878-014-18	878-014-22	1 piece	878-014-00	10 pieces
16	15	0.15 mm	10.23 mm	878-015-18	878-015-22	1 piece	878-015-00	10 pieces
16	16	0.15 mm	10.33 mm	878-016-18	878-016-22	1 piece	878-016-00	10 pieces
16	17	0.15 mm	10.43 mm	878-017-18	878-017-22	1 piece	878-017-00	10 pieces
16	18	0.15 mm	10.54 mm	878-018-18	878-018-22	1 piece	878-018-00	10 pieces
16	19	0.15 mm	10.64 mm	878-019-18	878-019-22	1 piece	878-019-00	10 pieces
16	20	0.15 mm	10.74 mm	878-020-18	878-020-22	1 piece	878-020-00	10 pieces
16	21	0.15 mm	10.85 mm	878-021-18	878-021-22	1 piece	878-021-00	10 pieces
16	22	0.15 mm	10.95 mm	878-022-18	878-022-22	1 piece	878-022-00	10 pieces
16	23	0.15 mm	11.05 mm	878-023-18	878-023-22	1 piece	878-023-00	10 pieces
16	24	0.15 mm	11.16 mm	878-024-18	878-024-22	1 piece	878-024-00	10 pieces
16	25	0.18 mm	11.26 mm	878-025-18	878-025-22	1 piece	878-025-00	10 pieces
16	26	0.18 mm	11.36 mm	878-026-18	878-026-22	1 piece	878-026-00	10 pieces
16	27	0.18 mm	11.47 mm	878-027-18	878-027-22	1 piece	878-027-00	10 pieces
16	28	0.18 mm	11.57 mm	878-028-18	878-028-22	1 piece	878-028-00	10 pieces
16	29	0.18 mm	11.67 mm	878-029-18	878-029-22	1 piece	878-029-00	10 pieces
16	30	0.18 mm	11.78 mm	878-030-18	878-030-22	1 piece	878-030-00	10 pieces
16	31	0.18 mm	11.88 mm	878-031-18	878-031-22	1 piece	878-031-00	10 pieces
16	32	0.18 mm	11.98 mm	878-032-18	878-032-22	1 piece	878-032-00	10 pieces
16	33	0.18 mm	12.08 mm	878-033-18	878-033-22	1 piece	878-033-00	10 pieces
16	34	0.18 mm	12.19 mm	878-034-18	878-034-22	1 piece	878-034-00	10 pieces
16	35	0.18 mm	12.29 mm	878-035-18	878-035-22	1 piece	878-035-00	10 pieces
16	36	0.18 mm	12.39 mm	878-036-18	878-036-22	1 piece	878-036-00	10 pieces

CE 0483



¹⁾ welded with buccal tubes REF 724-266-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-268-00 and lingual attachment REF 750-602-10

dentaform® Snap / Single packs

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extraoral technique (Face Bow) or SUS²
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, left

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
							REF	
26	1	0.12 mm	8.78 mm	879-001-18	879-001-22	1 piece	879-001-00	10 pieces
26	2	0.12 mm	8.89 mm	879-002-18	879-002-22	1 piece	879-002-00	10 pieces
26	3	0.12 mm	8.99 mm	879-003-18	879-003-22	1 piece	879-003-00	10 pieces
26	4	0.12 mm	9.09 mm	879-004-18	879-004-22	1 piece	879-004-00	10 pieces
26	5	0.12 mm	9.20 mm	879-005-18	879-005-22	1 piece	879-005-00	10 pieces
26	6	0.12 mm	9.30 mm	879-006-18	879-006-22	1 piece	879-006-00	10 pieces
26	7	0.12 mm	9.40 mm	879-007-18	879-007-22	1 piece	879-007-00	10 pieces
26	8	0.12 mm	9.50 mm	879-008-18	879-008-22	1 piece	879-008-00	10 pieces
26	9	0.15 mm	9.61 mm	879-009-18	879-009-22	1 piece	879-009-00	10 pieces
26	10	0.15 mm	9.71 mm	879-010-18	879-010-22	1 piece	879-010-00	10 pieces
26	11	0.15 mm	9.81 mm	879-011-18	879-011-22	1 piece	879-011-00	10 pieces
26	12	0.15 mm	9.92 mm	879-012-18	879-012-22	1 piece	879-012-00	10 pieces
26	13	0.15 mm	10.02 mm	879-013-18	879-013-22	1 piece	879-013-00	10 pieces
26	14	0.15 mm	10.12 mm	879-014-18	879-014-22	1 piece	879-014-00	10 pieces
26	15	0.15 mm	10.23 mm	879-015-18	879-015-22	1 piece	879-015-00	10 pieces
26	16	0.15 mm	10.33 mm	879-016-18	879-016-22	1 piece	879-016-00	10 pieces
26	17	0.15 mm	10.43 mm	879-017-18	879-017-22	1 piece	879-017-00	10 pieces
26	18	0.15 mm	10.54 mm	879-018-18	879-018-22	1 piece	879-018-00	10 pieces
26	19	0.15 mm	10.64 mm	879-019-18	879-019-22	1 piece	879-019-00	10 pieces
26	20	0.15 mm	10.74 mm	879-020-18	879-020-22	1 piece	879-020-00	10 pieces
26	21	0.15 mm	10.85 mm	879-021-18	879-021-22	1 piece	879-021-00	10 pieces
26	22	0.15 mm	10.95 mm	879-022-18	879-022-22	1 piece	879-022-00	10 pieces
26	23	0.15 mm	11.05 mm	879-023-18	879-023-22	1 piece	879-023-00	10 pieces
26	24	0.15 mm	11.16 mm	879-024-18	879-024-22	1 piece	879-024-00	10 pieces
26	25	0.18 mm	11.26 mm	879-025-18	879-025-22	1 piece	879-025-00	10 pieces
26	26	0.18 mm	11.36 mm	879-026-18	879-026-22	1 piece	879-026-00	10 pieces
26	27	0.18 mm	11.47 mm	879-027-18	879-027-22	1 piece	879-027-00	10 pieces
26	28	0.18 mm	11.57 mm	879-028-18	879-028-22	1 piece	879-028-00	10 pieces
26	29	0.18 mm	11.67 mm	879-029-18	879-029-22	1 piece	879-029-00	10 pieces
26	30	0.18 mm	11.78 mm	879-030-18	879-030-22	1 piece	879-030-00	10 pieces
26	31	0.18 mm	11.88 mm	879-031-18	879-031-22	1 piece	879-031-00	10 pieces
26	32	0.18 mm	11.98 mm	879-032-18	879-032-22	1 piece	879-032-00	10 pieces
26	33	0.18 mm	12.08 mm	879-033-18	879-033-22	1 piece	879-033-00	10 pieces
26	34	0.18 mm	12.19 mm	879-034-18	879-034-22	1 piece	879-034-00	10 pieces
26	35	0.18 mm	12.29 mm	879-035-18	879-035-22	1 piece	879-035-00	10 pieces
26	36	0.18 mm	12.39 mm	879-036-18	879-036-22	1 piece	879-036-00	10 pieces

CE 0483

¹⁾ welded with buccal tubes REF 724-267-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-269-00 and lingual attachment REF 750-602-10



- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extraoral technique (Face Bow) or SUS²
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, right

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
							REF	
46	1	0.12 mm	8.91 mm	880-201-18	880-201-22	1 piece	880-201-00	10 pieces
46	2	0.12 mm	9.03 mm	880-202-18	880-202-22	1 piece	880-202-00	10 pieces
46	3	0.12 mm	9.15 mm	880-203-18	880-203-22	1 piece	880-203-00	10 pieces
46	4	0.12 mm	9.28 mm	880-204-18	880-204-22	1 piece	880-204-00	10 pieces
46	5	0.12 mm	9.40 mm	880-205-18	880-205-22	1 piece	880-205-00	10 pieces
46	6	0.12 mm	9.52 mm	880-206-18	880-206-22	1 piece	880-206-00	10 pieces
46	7	0.12 mm	9.65 mm	880-207-18	880-207-22	1 piece	880-207-00	10 pieces
46	8	0.12 mm	9.77 mm	880-208-18	880-208-22	1 piece	880-208-00	10 pieces
46	9	0.15 mm	9.89 mm	880-209-18	880-209-22	1 piece	880-209-00	10 pieces
46	10	0.15 mm	10.01 mm	880-210-18	880-210-22	1 piece	880-210-00	10 pieces
46	11	0.15 mm	10.14 mm	880-211-18	880-211-22	1 piece	880-211-00	10 pieces
46	12	0.15 mm	10.25 mm	880-212-18	880-212-22	1 piece	880-212-00	10 pieces
46	13	0.15 mm	10.38 mm	880-213-18	880-213-22	1 piece	880-213-00	10 pieces
46	14	0.15 mm	10.50 mm	880-214-18	880-214-22	1 piece	880-214-00	10 pieces
46	15	0.15 mm	10.63 mm	880-215-18	880-215-22	1 piece	880-215-00	10 pieces
46	16	0.15 mm	10.75 mm	880-216-18	880-216-22	1 piece	880-216-00	10 pieces
46	17	0.15 mm	10.87 mm	880-217-18	880-217-22	1 piece	880-217-00	10 pieces
46	18	0.15 mm	10.99 mm	880-218-18	880-218-22	1 piece	880-218-00	10 pieces
46	19	0.15 mm	11.12 mm	880-219-18	880-219-22	1 piece	880-219-00	10 pieces
46	20	0.15 mm	11.24 mm	880-220-18	880-220-22	1 piece	880-220-00	10 pieces
46	21	0.15 mm	11.36 mm	880-221-18	880-221-22	1 piece	880-221-00	10 pieces
46	22	0.15 mm	11.48 mm	880-222-18	880-222-22	1 piece	880-222-00	10 pieces
46	23	0.15 mm	11.61 mm	880-223-18	880-223-22	1 piece	880-223-00	10 pieces
46	24	0.15 mm	11.73 mm	880-224-18	880-224-22	1 piece	880-224-00	10 pieces
46	25	0.18 mm	11.85 mm	880-225-18	880-225-22	1 piece	880-225-00	10 pieces
46	26	0.18 mm	11.97 mm	880-226-18	880-226-22	1 piece	880-226-00	10 pieces
46	27	0.18 mm	12.10 mm	880-227-18	880-227-22	1 piece	880-227-00	10 pieces
46	28	0.18 mm	12.22 mm	880-228-18	880-228-22	1 piece	880-228-00	10 pieces
46	29	0.18 mm	12.34 mm	880-229-18	880-229-22	1 piece	880-229-00	10 pieces
46	30	0.18 mm	12.46 mm	880-230-18	880-230-22	1 piece	880-230-00	10 pieces
46	31	0.18 mm	12.59 mm	880-231-18	880-231-22	1 piece	880-231-00	10 pieces
46	32	0.18 mm	12.71 mm	880-232-18	880-232-22	1 piece	880-232-00	10 pieces
46	33	0.18 mm	12.83 mm	880-233-18	880-233-22	1 piece	880-233-00	10 pieces
46	34	0.18 mm	12.96 mm	880-234-18	880-234-22	1 piece	880-234-00	10 pieces
46	35	0.18 mm	13.08 mm	880-235-18	880-235-22	1 piece	880-235-00	10 pieces
46	36	0.18 mm	13.20 mm	880-236-18	880-236-22	1 piece	880-236-00	10 pieces

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¹⁾ welded with buccal tubes REF 724-270-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-272-00 and lingual attachment REF 750-602-10

dentaform® Snap / Single packs

- with super snap effect
- hard, stiff quality
- anatomically shaped
- very accurate fit
- ideal for the extraoral technique (Face Bow) or SUS²
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, left

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
36	1	0.12 mm	8.91 mm	881-201-18	881-201-22	1 piece	881-201-00	10 pieces
36	2	0.12 mm	9.03 mm	881-202-18	881-202-22	1 piece	881-202-00	10 pieces
36	3	0.12 mm	9.15 mm	881-203-18	881-203-22	1 piece	881-203-00	10 pieces
36	4	0.12 mm	9.28 mm	881-204-18	881-204-22	1 piece	881-204-00	10 pieces
36	5	0.12 mm	9.40 mm	881-205-18	881-205-22	1 piece	881-205-00	10 pieces
36	6	0.12 mm	9.52 mm	881-206-18	881-206-22	1 piece	881-206-00	10 pieces
36	7	0.12 mm	9.65 mm	881-207-18	881-207-22	1 piece	881-207-00	10 pieces
36	8	0.12 mm	9.77 mm	881-208-18	881-208-22	1 piece	881-208-00	10 pieces
36	9	0.15 mm	9.89 mm	881-209-18	881-209-22	1 piece	881-209-00	10 pieces
36	10	0.15 mm	10.01 mm	881-210-18	881-210-22	1 piece	881-210-00	10 pieces
36	11	0.15 mm	10.14 mm	881-211-18	881-211-22	1 piece	881-211-00	10 pieces
36	12	0.15 mm	10.25 mm	881-212-18	881-212-22	1 piece	881-212-00	10 pieces
36	13	0.15 mm	10.38 mm	881-213-18	881-213-22	1 piece	881-213-00	10 pieces
36	14	0.15 mm	10.50 mm	881-214-18	881-214-22	1 piece	881-214-00	10 pieces
36	15	0.15 mm	10.63 mm	881-215-18	881-215-22	1 piece	881-215-00	10 pieces
36	16	0.15 mm	10.75 mm	881-216-18	881-216-22	1 piece	881-216-00	10 pieces
36	17	0.15 mm	10.87 mm	881-217-18	881-217-22	1 piece	881-217-00	10 pieces
36	18	0.15 mm	10.99 mm	881-218-18	881-218-22	1 piece	881-218-00	10 pieces
36	19	0.15 mm	11.12 mm	881-219-18	881-219-22	1 piece	881-219-00	10 pieces
36	20	0.15 mm	11.24 mm	881-220-18	881-220-22	1 piece	881-220-00	10 pieces
36	21	0.15 mm	11.36 mm	881-221-18	881-221-22	1 piece	881-221-00	10 pieces
36	22	0.15 mm	11.48 mm	881-222-18	881-222-22	1 piece	881-222-00	10 pieces
36	23	0.15 mm	11.61 mm	881-223-18	881-223-22	1 piece	881-223-00	10 pieces
36	24	0.15 mm	11.73 mm	881-224-18	881-224-22	1 piece	881-224-00	10 pieces
36	25	0.18 mm	11.85 mm	881-225-18	881-225-22	1 piece	881-225-00	10 pieces
36	26	0.18 mm	11.97 mm	881-226-18	881-226-22	1 piece	881-226-00	10 pieces
36	27	0.18 mm	12.10 mm	881-227-18	881-227-22	1 piece	881-227-00	10 pieces
36	28	0.18 mm	12.22 mm	881-228-18	881-228-22	1 piece	881-228-00	10 pieces
36	29	0.18 mm	12.34 mm	881-229-18	881-229-22	1 piece	881-229-00	10 pieces
36	30	0.18 mm	12.46 mm	881-230-18	881-230-22	1 piece	881-230-00	10 pieces
36	31	0.18 mm	12.59 mm	881-231-18	881-231-22	1 piece	881-231-00	10 pieces
36	32	0.18 mm	12.71 mm	881-232-18	881-232-22	1 piece	881-232-00	10 pieces
36	33	0.18 mm	12.83 mm	881-233-18	881-233-22	1 piece	881-233-00	10 pieces
36	34	0.18 mm	12.96 mm	881-234-18	881-234-22	1 piece	881-234-00	10 pieces
36	35	0.18 mm	13.08 mm	881-235-18	881-235-22	1 piece	881-235-00	10 pieces
36	36	0.18 mm	13.20 mm	881-236-18	881-236-22	1 piece	881-236-00	10 pieces

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¹⁾ welded with buccal tubes REF 724-271-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-273-00 and lingual attachment REF 750-602-10



- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
16	No. 5-36 (2)	882-064-18	882-064-22	882-064-00	64 pieces
26	No. 5-36 (2)	883-064-18	883-064-22	883-064-00	64 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
16	No. 5-8, 30-36 (2), 9-18 (4), 19-20 (6), 21-25, 28-29 (8), 26-27 (10)	882-150-18	882-150-22	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)	883-150-18	883-150-22	883-150-00	150 pieces

Maxi

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) 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

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¹⁾ (16) welded with buccal tubes REF 724-266-00 and lingual attachment REF 750-602-10

(26) welded with buccal tubes REF 724-267-00 and lingual attachment REF 750-602-10

²⁾ (16) welded with buccal tubes REF 724-268-00 and lingual attachment REF 750-602-10

(26) welded with buccal tubes REF 724-269-00 and lingual attachment REF 750-602-10

Upper 2. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)		
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 (Roth18)	REF (Roth22)		
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

CE 0483

dentaform® / Assortments

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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.

Lower 1. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
46	No. 5-36 (2)	884-064-18	884-064-22	884-064-00	64 pieces
36	No. 5-36 (2)	885-064-18	885-064-22	885-064-00	64 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
46	No. 5-8, 30-36 (2), 9-18 (4), 19-20 (6), 21-25,28-29 (8), 26-27 (10)	884-150-18	884-150-22	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)	885-150-18	885-150-22	885-150-00	150 pieces

Maxi

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾		
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

☞ 0483

¹⁾ (46) welded with buccal tubes REF 724-270-00 and lingual attachment REF 750-602-10

(36) welded with buccal tubes REF 724-271-00 and lingual attachment REF 750-602-10

²⁾ (46) welded with buccal tubes REF 724-272-00 and lingual attachment REF 750-602-10

(36) welded with buccal tubes REF 724-273-00 and lingual attachment REF 750-602-10

Lower 2. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)		
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 (Roth18)	REF (Roth22)		
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

☞ 0483

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, right

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
							REF	
16	1	0.12 mm	8.78 mm	882-001-18	882-001-22	1 piece	882-001-00	10 pieces
16	2	0.12 mm	8.89 mm	882-002-18	882-002-22	1 piece	882-002-00	10 pieces
16	3	0.12 mm	8.99 mm	882-003-18	882-003-22	1 piece	882-003-00	10 pieces
16	4	0.12 mm	9.09 mm	882-004-18	882-004-22	1 piece	882-004-00	10 pieces
16	5	0.12 mm	9.20 mm	882-005-18	882-005-22	1 piece	882-005-00	10 pieces
16	6	0.12 mm	9.30 mm	882-006-18	882-006-22	1 piece	882-006-00	10 pieces
16	7	0.12 mm	9.40 mm	882-007-18	882-007-22	1 piece	882-007-00	10 pieces
16	8	0.12 mm	9.50 mm	882-008-18	882-008-22	1 piece	882-008-00	10 pieces
16	9	0.15 mm	9.61 mm	882-009-18	882-009-22	1 piece	882-009-00	10 pieces
16	10	0.15 mm	9.71 mm	882-010-18	882-010-22	1 piece	882-010-00	10 pieces
16	11	0.15 mm	9.81 mm	882-011-18	882-011-22	1 piece	882-011-00	10 pieces
16	12	0.15 mm	9.92 mm	882-012-18	882-012-22	1 piece	882-012-00	10 pieces
16	13	0.15 mm	10.02 mm	882-013-18	882-013-22	1 piece	882-013-00	10 pieces
16	14	0.15 mm	10.12 mm	882-014-18	882-014-22	1 piece	882-014-00	10 pieces
16	15	0.15 mm	10.23 mm	882-015-18	882-015-22	1 piece	882-015-00	10 pieces
16	16	0.15 mm	10.33 mm	882-016-18	882-016-22	1 piece	882-016-00	10 pieces
16	17	0.15 mm	10.43 mm	882-017-18	882-017-22	1 piece	882-017-00	10 pieces
16	18	0.15 mm	10.54 mm	882-018-18	882-018-22	1 piece	882-018-00	10 pieces
16	19	0.15 mm	10.64 mm	882-019-18	882-019-22	1 piece	882-019-00	10 pieces
16	20	0.15 mm	10.74 mm	882-020-18	882-020-22	1 piece	882-020-00	10 pieces
16	21	0.15 mm	10.85 mm	882-021-18	882-021-22	1 piece	882-021-00	10 pieces
16	22	0.15 mm	10.95 mm	882-022-18	882-022-22	1 piece	882-022-00	10 pieces
16	23	0.15 mm	11.05 mm	882-023-18	882-023-22	1 piece	882-023-00	10 pieces
16	24	0.15 mm	11.16 mm	882-024-18	882-024-22	1 piece	882-024-00	10 pieces
16	25	0.18 mm	11.26 mm	882-025-18	882-025-22	1 piece	882-025-00	10 pieces
16	26	0.18 mm	11.36 mm	882-026-18	882-026-22	1 piece	882-026-00	10 pieces
16	27	0.18 mm	11.47 mm	882-027-18	882-027-22	1 piece	882-027-00	10 pieces
16	28	0.18 mm	11.57 mm	882-028-18	882-028-22	1 piece	882-028-00	10 pieces
16	29	0.18 mm	11.67 mm	882-029-18	882-029-22	1 piece	882-029-00	10 pieces
16	30	0.18 mm	11.78 mm	882-030-18	882-030-22	1 piece	882-030-00	10 pieces
16	31	0.18 mm	11.88 mm	882-031-18	882-031-22	1 piece	882-031-00	10 pieces
16	32	0.18 mm	11.98 mm	882-032-18	882-032-22	1 piece	882-032-00	10 pieces
16	33	0.18 mm	12.08 mm	882-033-18	882-033-22	1 piece	882-033-00	10 pieces
16	34	0.18 mm	12.19 mm	882-034-18	882-034-22	1 piece	882-034-00	10 pieces
16	35	0.18 mm	12.29 mm	882-035-18	882-035-22	1 piece	882-035-00	10 pieces
16	36	0.18 mm	12.39 mm	882-036-18	882-036-22	1 piece	882-036-00	10 pieces

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¹⁾ welded with buccal tubes REF 724-266-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-268-00 and lingual attachment REF 750-602-10

Bands

dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, left

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
							REF	
26	1	0.12 mm	8.78 mm	883-001-18	883-001-22	1 piece	883-001-00	10 pieces
26	2	0.12 mm	8.89 mm	883-002-18	883-002-22	1 piece	883-002-00	10 pieces
26	3	0.12 mm	8.99 mm	883-003-18	883-003-22	1 piece	883-003-00	10 pieces
26	4	0.12 mm	9.09 mm	883-004-18	883-004-22	1 piece	883-004-00	10 pieces
26	5	0.12 mm	9.20 mm	883-005-18	883-005-22	1 piece	883-005-00	10 pieces
26	6	0.12 mm	9.30 mm	883-006-18	883-006-22	1 piece	883-006-00	10 pieces
26	7	0.12 mm	9.40 mm	883-007-18	883-007-22	1 piece	883-007-00	10 pieces
26	8	0.12 mm	9.50 mm	883-008-18	883-008-22	1 piece	883-008-00	10 pieces
26	9	0.15 mm	9.61 mm	883-009-18	883-009-22	1 piece	883-009-00	10 pieces
26	10	0.15 mm	9.71 mm	883-010-18	883-010-22	1 piece	883-010-00	10 pieces
26	11	0.15 mm	9.81 mm	883-011-18	883-011-22	1 piece	883-011-00	10 pieces
26	12	0.15 mm	9.92 mm	883-012-18	883-012-22	1 piece	883-012-00	10 pieces
26	13	0.15 mm	10.02 mm	883-013-18	883-013-22	1 piece	883-013-00	10 pieces
26	14	0.15 mm	10.12 mm	883-014-18	883-014-22	1 piece	883-014-00	10 pieces
26	15	0.15 mm	10.23 mm	883-015-18	883-015-22	1 piece	883-015-00	10 pieces
26	16	0.15 mm	10.33 mm	883-016-18	883-016-22	1 piece	883-016-00	10 pieces
26	17	0.15 mm	10.43 mm	883-017-18	883-017-22	1 piece	883-017-00	10 pieces
26	18	0.15 mm	10.54 mm	883-018-18	883-018-22	1 piece	883-018-00	10 pieces
26	19	0.15 mm	10.64 mm	883-019-18	883-019-22	1 piece	883-019-00	10 pieces
26	20	0.15 mm	10.74 mm	883-020-18	883-020-22	1 piece	883-020-00	10 pieces
26	21	0.15 mm	10.85 mm	883-021-18	883-021-22	1 piece	883-021-00	10 pieces
26	22	0.15 mm	10.95 mm	883-022-18	883-022-22	1 piece	883-022-00	10 pieces
26	23	0.15 mm	11.05 mm	883-023-18	883-023-22	1 piece	883-023-00	10 pieces
26	24	0.15 mm	11.16 mm	883-024-18	883-024-22	1 piece	883-024-00	10 pieces
26	25	0.18 mm	11.26 mm	883-025-18	883-025-22	1 piece	883-025-00	10 pieces
26	26	0.18 mm	11.36 mm	883-026-18	883-026-22	1 piece	883-026-00	10 pieces
26	27	0.18 mm	11.47 mm	883-027-18	883-027-22	1 piece	883-027-00	10 pieces
26	28	0.18 mm	11.57 mm	883-028-18	883-028-22	1 piece	883-028-00	10 pieces
26	29	0.18 mm	11.67 mm	883-029-18	883-029-22	1 piece	883-029-00	10 pieces
26	30	0.18 mm	11.78 mm	883-030-18	883-030-22	1 piece	883-030-00	10 pieces
26	31	0.18 mm	11.88 mm	883-031-18	883-031-22	1 piece	883-031-00	10 pieces
26	32	0.18 mm	11.98 mm	883-032-18	883-032-22	1 piece	883-032-00	10 pieces
26	33	0.18 mm	12.08 mm	883-033-18	883-033-22	1 piece	883-033-00	10 pieces
26	34	0.18 mm	12.19 mm	883-034-18	883-034-22	1 piece	883-034-00	10 pieces
26	35	0.18 mm	12.29 mm	883-035-18	883-035-22	1 piece	883-035-00	10 pieces
26	36	0.18 mm	12.39 mm	883-036-18	883-036-22	1 piece	883-036-00	10 pieces

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¹⁾ welded with buccal tubes REF 724-267-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-269-00 and lingual attachment REF 750-602-10



- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, right

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
							REF	
46	1	0.12 mm	8.91 mm	884-001-18	884-001-22	1 piece	884-001-00	10 pieces
46	2	0.12 mm	9.03 mm	884-002-18	884-002-22	1 piece	884-002-00	10 pieces
46	3	0.12 mm	9.15 mm	884-003-18	884-003-22	1 piece	884-003-00	10 pieces
46	4	0.12 mm	9.28 mm	884-004-18	884-004-22	1 piece	884-004-00	10 pieces
46	5	0.12 mm	9.40 mm	884-005-18	884-005-22	1 piece	884-005-00	10 pieces
46	6	0.12 mm	9.52 mm	884-006-18	884-006-22	1 piece	884-006-00	10 pieces
46	7	0.12 mm	9.65 mm	884-007-18	884-007-22	1 piece	884-007-00	10 pieces
46	8	0.12 mm	9.77 mm	884-008-18	884-008-22	1 piece	884-008-00	10 pieces
46	9	0.15 mm	9.89 mm	884-009-18	884-009-22	1 piece	884-009-00	10 pieces
46	10	0.15 mm	10.01 mm	884-010-18	884-010-22	1 piece	884-010-00	10 pieces
46	11	0.15 mm	10.14 mm	884-011-18	884-011-22	1 piece	884-011-00	10 pieces
46	12	0.15 mm	10.25 mm	884-012-18	884-012-22	1 piece	884-012-00	10 pieces
46	13	0.15 mm	10.38 mm	884-013-18	884-013-22	1 piece	884-013-00	10 pieces
46	14	0.15 mm	10.50 mm	884-014-18	884-014-22	1 piece	884-014-00	10 pieces
46	15	0.15 mm	10.63 mm	884-015-18	884-015-22	1 piece	884-015-00	10 pieces
46	16	0.15 mm	10.75 mm	884-016-18	884-016-22	1 piece	884-016-00	10 pieces
46	17	0.15 mm	10.87 mm	884-017-18	884-017-22	1 piece	884-017-00	10 pieces
46	18	0.15 mm	10.99 mm	884-018-18	884-018-22	1 piece	884-018-00	10 pieces
46	19	0.15 mm	11.12 mm	884-019-18	884-019-22	1 piece	884-019-00	10 pieces
46	20	0.15 mm	11.24 mm	884-020-18	884-020-22	1 piece	884-020-00	10 pieces
46	21	0.15 mm	11.36 mm	884-021-18	884-021-22	1 piece	884-021-00	10 pieces
46	22	0.15 mm	11.48 mm	884-022-18	884-022-22	1 piece	884-022-00	10 pieces
46	23	0.15 mm	11.61 mm	884-023-18	884-023-22	1 piece	884-023-00	10 pieces
46	24	0.15 mm	11.73 mm	884-024-18	884-024-22	1 piece	884-024-00	10 pieces
46	25	0.18 mm	11.85 mm	884-025-18	884-025-22	1 piece	884-025-00	10 pieces
46	26	0.18 mm	11.97 mm	884-026-18	884-026-22	1 piece	884-026-00	10 pieces
46	27	0.18 mm	12.10 mm	884-027-18	884-027-22	1 piece	884-027-00	10 pieces
46	28	0.18 mm	12.22 mm	884-028-18	884-028-22	1 piece	884-028-00	10 pieces
46	29	0.18 mm	12.34 mm	884-029-18	884-029-22	1 piece	884-029-00	10 pieces
46	30	0.18 mm	12.46 mm	884-030-18	884-030-22	1 piece	884-030-00	10 pieces
46	31	0.18 mm	12.59 mm	884-031-18	884-031-22	1 piece	884-031-00	10 pieces
46	32	0.18 mm	12.71 mm	884-032-18	884-032-22	1 piece	884-032-00	10 pieces
46	33	0.18 mm	12.83 mm	884-033-18	884-033-22	1 piece	884-033-00	10 pieces
46	34	0.18 mm	12.96 mm	884-034-18	884-034-22	1 piece	884-034-00	10 pieces
46	35	0.18 mm	13.08 mm	884-035-18	884-035-22	1 piece	884-035-00	10 pieces
46	36	0.18 mm	13.20 mm	884-036-18	884-036-22	1 piece	884-036-00	10 pieces

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¹⁾ welded with buccal tubes REF 724-270-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-272-00 and lingual attachment REF 750-602-10

Bands

dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. molar bands, left

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
							REF	
36	1	0.12 mm	8.91 mm	885-001-18	885-001-22	1 piece	885-001-00	10 pieces
36	2	0.12 mm	9.03 mm	885-002-18	885-002-22	1 piece	885-002-00	10 pieces
36	3	0.12 mm	9.15 mm	885-003-18	885-003-22	1 piece	885-003-00	10 pieces
36	4	0.12 mm	9.28 mm	885-004-18	885-004-22	1 piece	885-004-00	10 pieces
36	5	0.12 mm	9.40 mm	885-005-18	885-005-22	1 piece	885-005-00	10 pieces
36	6	0.12 mm	9.52 mm	885-006-18	885-006-22	1 piece	885-006-00	10 pieces
36	7	0.12 mm	9.65 mm	885-007-18	885-007-22	1 piece	885-007-00	10 pieces
36	8	0.12 mm	9.77 mm	885-008-18	885-008-22	1 piece	885-008-00	10 pieces
36	9	0.15 mm	9.89 mm	885-009-18	885-009-22	1 piece	885-009-00	10 pieces
36	10	0.15 mm	10.01 mm	885-010-18	885-010-22	1 piece	885-010-00	10 pieces
36	11	0.15 mm	10.14 mm	885-011-18	885-011-22	1 piece	885-011-00	10 pieces
36	12	0.15 mm	10.25 mm	885-012-18	885-012-22	1 piece	885-012-00	10 pieces
36	13	0.15 mm	10.38 mm	885-013-18	885-013-22	1 piece	885-013-00	10 pieces
36	14	0.15 mm	10.50 mm	885-014-18	885-014-22	1 piece	885-014-00	10 pieces
36	15	0.15 mm	10.63 mm	885-015-18	885-015-22	1 piece	885-015-00	10 pieces
36	16	0.15 mm	10.75 mm	885-016-18	885-016-22	1 piece	885-016-00	10 pieces
36	17	0.15 mm	10.87 mm	885-017-18	885-017-22	1 piece	885-017-00	10 pieces
36	18	0.15 mm	10.99 mm	885-018-18	885-018-22	1 piece	885-018-00	10 pieces
36	19	0.15 mm	11.12 mm	885-019-18	885-019-22	1 piece	885-019-00	10 pieces
36	20	0.15 mm	11.24 mm	885-020-18	885-020-22	1 piece	885-020-00	10 pieces
36	21	0.15 mm	11.36 mm	885-021-18	885-021-22	1 piece	885-021-00	10 pieces
36	22	0.15 mm	11.48 mm	885-022-18	885-022-22	1 piece	885-022-00	10 pieces
36	23	0.15 mm	11.61 mm	885-023-18	885-023-22	1 piece	885-023-00	10 pieces
36	24	0.15 mm	11.73 mm	885-024-18	885-024-22	1 piece	885-024-00	10 pieces
36	25	0.18 mm	11.85 mm	885-025-18	885-025-22	1 piece	885-025-00	10 pieces
36	26	0.18 mm	11.97 mm	885-026-18	885-026-22	1 piece	885-026-00	10 pieces
36	27	0.18 mm	12.10 mm	885-027-18	885-027-22	1 piece	885-027-00	10 pieces
36	28	0.18 mm	12.22 mm	885-028-18	885-028-22	1 piece	885-028-00	10 pieces
36	29	0.18 mm	12.34 mm	885-029-18	885-029-22	1 piece	885-029-00	10 pieces
36	30	0.18 mm	12.46 mm	885-030-18	885-030-22	1 piece	885-030-00	10 pieces
36	31	0.18 mm	12.59 mm	885-031-18	885-031-22	1 piece	885-031-00	10 pieces
36	32	0.18 mm	12.71 mm	885-032-18	885-032-22	1 piece	885-032-00	10 pieces
36	33	0.18 mm	12.83 mm	885-033-18	885-033-22	1 piece	885-033-00	10 pieces
36	34	0.18 mm	12.96 mm	885-034-18	885-034-22	1 piece	885-034-00	10 pieces
36	35	0.18 mm	13.08 mm	885-035-18	885-035-22	1 piece	885-035-00	10 pieces
36	36	0.18 mm	13.20 mm	885-036-18	885-036-22	1 piece	885-036-00	10 pieces

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¹⁾ welded with buccal tubes REF 724-271-00 and lingual attachment REF 750-602-10

²⁾ welded with buccal tubes REF 724-273-00 and lingual attachment REF 750-602-10

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 2. molar bands, right

Teeth	Band size	Band thickness	∅ 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



Bands

dentaform® / Single packs

- easy adaptation
- slightly softer band quality (compared with dentaform® Snap)
- anatomically shaped
- very accurate fit
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 2. 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
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 2. molar bands, right

Teeth	Band size	Band thickness	∅ mesial-distal	welded		Quantity	unwelded	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
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 2. 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



- with seating lug
- 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.

Not available as assortment!

Lower anterior bands

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded REF	Quantity
				REF (Roth 18)	REF (Roth 22)			
42-41/31-32	00	0.10 mm	5.20 mm				845-813-00	10 pieces
42-41/31-32	0	0.10 mm	5.30 mm				845-814-00	10 pieces
42-41/31-32	1	0.10 mm	5.40 mm				845-801-00	10 pieces
42-41/31-32	2	0.10 mm	5.50 mm				845-802-00	10 pieces
42-41/31-32	3	0.10 mm	5.60 mm				845-803-00	10 pieces
42-41/31-32	4	0.10 mm	5.80 mm				845-804-00	10 pieces
42-41/31-32	5	0.10 mm	6.00 mm				845-805-00	10 pieces
42-41/31-32	6	0.10 mm	6.30 mm				845-806-00	10 pieces
42-41/31-32	7	0.10 mm	6.60 mm				845-807-00	10 pieces
42-41/31-32	8	0.10 mm	6.70 mm				845-808-00	10 pieces
42-41/31-32	9	0.10 mm	6.90 mm				845-809-00	10 pieces
42-41/31-32	10	0.10 mm	7.10 mm				845-810-00	10 pieces
42-41/31-32	11	0.10 mm	7.20 mm				845-811-00	10 pieces
42-41/31-32	12	0.10 mm	7.30 mm				845-812-00	10 pieces

CE 0483



Bands

Standard bands / Assortments

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. and 2. bicuspid bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾	REF	
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 (Roth18) ¹⁾	REF (Roth22) ²⁾	REF	
15-14/24-25	No. 1-4, 28-32 (2), 5-10, 21-27 (4), 11-12, 19-20 (6), 13, 18 (8), 14-17 (10)	860-150-18	860-150-22	864-150-00	150 pieces

Maxi

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾	REF	
15-14/24-25	No. 1-4, 28-32 (4), 5-10, 21-27 (8), 11-12, 19-20 (12), 13, 18 (16), 14-17 (20)			864-300-00	300 pieces

☞ 0483

¹⁾ welded with equilibrium® 2 band bracket REF 790-206-02 and lingual attachment REF 750-602-10

²⁾ welded with equilibrium® 2 band bracket REF 790-218-02 and lingual attachment REF 750-602-10

Lower 1. bicuspid bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) ²⁾	REF	
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 (Roth18) ¹⁾	REF (Roth22) ²⁾	REF	
44/34	No. 1-4, 28-32 (2), 5-10, 21-27 (4), 11-12, 19-20 (6), 13, 18 (8), 14-17 (10)	861-150-18	861-150-22		150 pieces

☞ 0483

¹⁾ welded with equilibrium® 2 band bracket REF 790-210-02 and lingual attachment REF 750-602-10

²⁾ welded with equilibrium® 2 band bracket REF 790-222-02 and lingual attachment REF 750-602-10

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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.

Lower 2. bicuspid bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18) ¹⁾	REF (Roth22) 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 (Roth18) ¹⁾	REF (Roth22) 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

€ 0483

¹⁾ welded with equilibrium® 2 band bracket REF 790-211-02 and lingual attachment REF 750-602-10

²⁾ welded with equilibrium® 2 band bracket REF 790-223-02 and lingual attachment REF 750-602-10

Lower 1. and 2. bicuspid bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)		
45-44/34-35	No. 1-32 (2)			865-064-00	64 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)		
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 (Roth18)	REF (Roth22)		
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

€ 0483

Upper 1. and 2. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)		
17-16/26-27	No. 1-32 (2)			872-064-00	64 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)		
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

€ 0483

Bands

Standard bands / Assortments

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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.

Lower 1. and 2. molar bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)	REF	
47-46/36-37	No. 1-32 (2)			873-064-00	64 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)	REF	
47-46/36-37	No. 1-8, 30-32 (2), 9-18 (4), 19-20 (6), 21-25,28-29 (8), 26-27 (10)			873-150-00	150 pieces

☞ 0483

Upper cuspid bands

Mini

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)	REF	
13/23	No. 1-20 (2)			855-050-00	50 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)	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 (Roth18)	REF (Roth22)	REF	
43/33	No. 1-16 (2)			857-042-00	42 pieces

Medium

Teeth	Band sizes (Contents per size)	welded		unwelded	Quantity
		REF (Roth18)	REF (Roth22)	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 lingual attachment) ideal for the Herbst technique
- 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 1. and 2. bicuspid bands, right and left

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
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® band bracket REF 790-206-02 and lingual attachment REF 750-602-10

²⁾ welded with equilibrium® band bracket REF 790-218-02 and lingual attachment REF 750-602-10



Bands

Standard bands / Single packs

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. bicuspid bands, right and left

Teeth	Band size	Band thickness	ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
44/34	1	0.12 mm	6.34 mm	861-101-18	861-101-22	1 piece	REF 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

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¹⁾ welded with equilibrium® band bracket REF 790-210-02 and lingual attachment REF 750-602-10

²⁾ welded with equilibrium® band bracket REF 790-222-02 and lingual attachment REF 750-602-10



Standard bands / Single packs

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 2. bicuspid bands, right and left

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth18) ¹⁾	REF (Roth22) ²⁾			
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

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¹⁾ welded with equilibrium® band bracket REF 790-211-02 and lingual attachment REF 750-602-10

²⁾ welded with equilibrium® band bracket REF 790-223-02 and lingual attachment REF 750-602-10



Bands

Standard bands / Single packs

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. and 2. molar bands, right and left

Teeth	Band size	Band thickness	∅ 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
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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 1. and 2. molar bands, right and left

Teeth	Band size	Band thickness	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)			
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 lingual attachment) ideal for the Herbst technique
- 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



Standard bands / Single packs

- universally applicable for right and left halves of the jaw
- unwelded bands (with or without lingual attachment) ideal for the Herbst technique
- 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	Ø mesial-distal	welded		Quantity	unwelded	Quantity
				REF (Roth 18)	REF (Roth 22)			
							REF	
43/33	1	0.12 mm	6.20 mm				851-101-00	10 pieces
43/33	2	0.12 mm	6.30 mm				851-102-00	10 pieces
43/33	3	0.12 mm	6.50 mm				851-103-00	10 pieces
43/33	4	0.12 mm	6.60 mm				851-104-00	10 pieces
43/33	5	0.12 mm	6.80 mm				851-105-00	10 pieces
43/33	5.5	0.12 mm	6.90 mm				851-117-00	10 pieces
43/33	6	0.12 mm	7.00 mm				851-106-00	10 pieces
43/33	6.5	0.12 mm	7.10 mm				851-118-00	10 pieces
43/33	7	0.12 mm	7.20 mm				851-107-00	10 pieces
43/33	7.5	0.12 mm	7.30 mm				851-119-00	10 pieces
43/33	8	0.12 mm	7.40 mm				851-108-00	10 pieces
43/33	8.5	0.12 mm	7.50 mm				851-120-00	10 pieces
43/33	9	0.12 mm	7.60 mm				851-109-00	10 pieces
43/33	9.5	0.12 mm	7.80 mm				851-121-00	10 pieces
43/33	10	0.12 mm	7.90 mm				851-110-00	10 pieces
43/33	11	0.12 mm	8.00 mm				851-111-00	10 pieces
43/33	12	0.12 mm	8.20 mm				851-112-00	10 pieces
43/33	13	0.12 mm	8.30 mm				851-113-00	10 pieces
43/33	14	0.12 mm	8.40 mm				851-114-00	10 pieces
43/33	15	0.12 mm	8.60 mm				851-115-00	10 pieces
43/33	16	0.12 mm	8.70 mm				851-116-00	10 pieces

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

CE 0483



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

CE

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® lower anterior bands	890-419-00	1 piece
dentaform® upper 1. molar bands, right	890-426-00	1 piece
dentaform® upper 1. molar bands, left	890-427-00	1 piece
dentaform® upper 2. molar bands, right	890-428-00	1 piece
dentaform® upper 2. molar bands, left	890-429-00	1 piece
dentaform® lower 1. molar bands, right	890-430-00	1 piece
dentaform® lower 1. molar bands, left	890-431-00	1 piece
dentaform® lower 2. molar bands, right	890-432-00	1 piece
dentaform® lower 2. 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

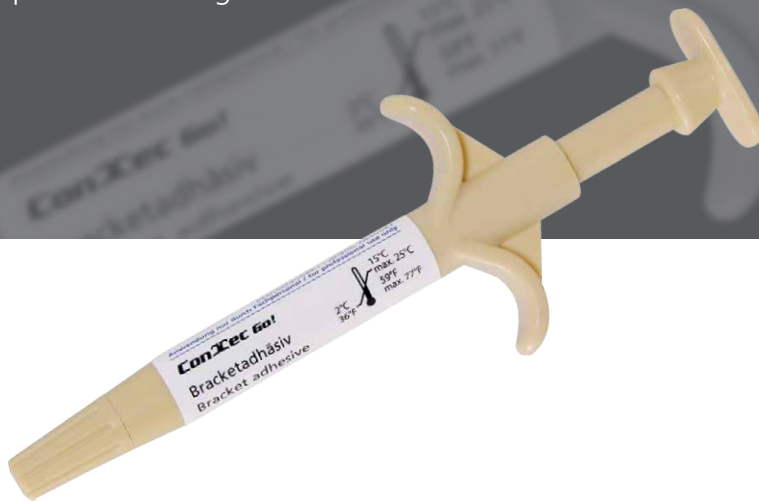
1 piece

Adhesives and accessories	Page 172
LED lamp with accessories	Page 175



Adhesives.

For perfect bonding results.



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Our adhesives for your dental practice.

With ConTec Go! – a new, chemically-curing single-component bracket adhesive – you have an adhesive that perfectly combines easy handling, quick treatment time and secure bonding.

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

ConTec Go!

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

SmartBond®

Wet-bonding adhesive.



Application for adhesives.

	ConTec Go!	SmartBond®
discovery® sl	+++	++
discovery® sl 2.0	+++	++
discovery®	+++	++
discovery® smart	+++	++
discovery® pearl	+++	++
discovery® delight	+	—
topic	+++	++
equilibrium® 2 / ti	+++	++
equilibrium® mini	+++	++
Fascination®	++	—
Fascination® 2	—	—
Jewels	++	—
Elegance®	+++	+
Retainer	—	—
Bands	—	—
Buccal tubes	++	++

+++ especially well suited

++ well suited

+ restrictedly suited

— not suited

Adhesives and accessories



ConTec Go! assortment

One component bracket adhesive in syringes.

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 One component adhesive in syringes, each 2.5 g	REF 163-321-00
1 x Activator	REF 163-314-00
2 x Etching gel in syringe	REF 163-312-00
6 x Disposable tube for etching gel in syringes	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

NEW



ConTec Go! adhesive

One component bracket adhesive in syringes.

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

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

NEW



ConTec Go! activator

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

REF 163-314-00	10 ml
CE 0483	

NEW



ConTec Go! etching gel in syringes

37.5 % Phosphoric acid
To etch the tooth enamel.
To be used with ConTec Go! and SmartBond®.

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

NEW



ConTec Go! disposable tube

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

REF 163-322-00	10 pieces
CE	

NEW



ConTec Go! disposable brush

REF 163-317-00	50 pieces
CE	

NEW

ConTec Go! brush holder

REF 163-319-00

5 pieces

CE

NEW



ConTec Go! spatula

REF 163-318-00

50 pieces

NEW



ConTec Go! mixing pad

REF 163-316-00

2 pieces

NEW



SmartBond® mini kit

One component bracket adhesive in syringes.

For wet-bonding surfaces.

For metal and plastic brackets.

For approx. 300 brackets (15 treatment cases).

Contents:

- 1 x adhesive in syringe, 3 g
- 1 x etching gel in syringe, 6 g
- 25 x brushes
- 20 x Luer-lock tips
- 1 x mixing pad

REF 163-506-00

1 set

CE 0470



Adhesives and accessories

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

CE⁰⁴⁸³

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

CE⁰⁴⁸³

LED lamp with accessories

bluephase® LED curing light

- modern, cordless, powerful LED curing light
- battery operated
- quiet
- 3 exposure programs
- large curing depth with a short exposure time
- broad light spectrum of 380 to 515 nm
- high luminous intensity of 1200 mW/cm²

Contents:

- handpiece
- base station
- AC adapter
- rechargeable battery
- light guide 10 mm
- anti-glare cone
- protective sleeves

REF 073-300-00

1 set

CE



Delivery program

Arches / Straight wires / Wires on coils	Page	184
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Fixed appliance technique

Arches

Stainless steel (NiCr)	Page	191
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Nickel titanium	Page	200
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Removable appliance technique

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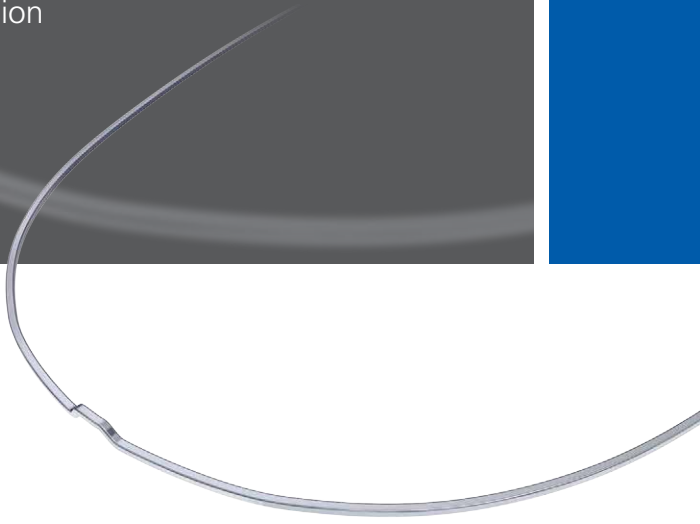
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* acc. to ISO 6871-1 (1994)



Wires | Arches Accessories.

Highest level of precision
for reliable results.



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Arches for every kind of treatment.

The choice of arch in a therapy has a decisive influence on the optimal progress of an orthodontic treatment. That is why Dentaureum 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 in respect to shapes, dimensions and strengths is unique as well.

Dentaureum's assortment does not only include wires for the fixed technique, but also for the orthodontic laboratory – from simple laboratory wires to precontoured wire elements for the immediate use on removable appliances.

In addition, the wire and arch program is completed 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.

remanium® / Equire

Stainless steel (NiCr).

dentaflex®

Stainless steel (twisted and braided).

Noninium® / Noninium® White

Nickel free* stainless steel.

Tensic® / Tensic® White

Thermo-active nickel titanium.

Equire Thermo-Active

Thermo-active nickel titanium.

rematitan® sl / rema® Spee

Nickel titanium.

rematitan® "LITE" /

rematitan® "LITE" White

Nickel titanium.

remaloy®

Cobalt chromium.

rematitan® SPECIAL

Titanium molybdenum.

Translucent pearl arches

Glass fiber reinforced plastic.

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

Suggested applications for Dentaurum wires and arches.

Wire material	Initial phase			Intermediate phase				Final phase	
	Levelling	Torque	Rotation	Tooth-arch compensation	Torque	Rotation	Retraction with loops	Tooth-arch compensation	Torque
Stainless steel									
remanium® round				+					
remanium® rectangular				+	+		+	+	+
Equire round				+					
Equire rectangular				+	+		+	+	+
Stainless steel (twisted and braided)									
dentaflex® 3-strand round	+								
dentaflex® 3-strand rectangular		+							
dentaflex® 6-strand round	+								
dentaflex® 8-strand rectangular	+	+							
Nickel free* stainless steel									
Noninium® round				+					
Noninium® rectangular				+	+		+	+	+
Nickel free* stainless steel (white coated)									
Noninium® White round				+					
Noninium® 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	+	+			+	+			
Nickel titanium									
rematitan® sl round	+		+						
rematitan® sl rectangular		+		+	+	+		+	+
rematitan® "LITE" round	+		+						
rematitan® "LITE" rectangular		+		+	+	+		+	+
Nickel titanium (white coated)									
rematitan® "LITE" White round	+		+			+			
rematitan® "LITE" White rectangular		+			+	+			
Cobalt chromium									
remaloy® rectangular					+		+		
Nickel free titanium molybdenum									
rematitan® SPECIAL round				+					
rematitan® SPECIAL rectangular		+			+		+		+
Glass fiber reinforced plastic									
Translucent pearl arches round	+		+						

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

A short overview of the program.

Tensic® – thermo-active nickel titanium.

Tensic® arches are super elastic and very easy to bend at room temperature. The transformation temperature, which is close to the 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

dentaflex® – stainless steel (twisted and braided).

dentaflex® wires and arches are available as triple strand and twisted wires. They are slightly stronger than the 6-strand, co-axial version and offer a well proven alternative to NiTi wires. Additionally there are the dentaflex® 8-strand braided arches available. 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

rematitan® "LITE" – nickel titanium.

rematitan® "LITE" arches are made from a super elastic, nickel titanium alloy. The super elasticity allows 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

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 with nickel allergies. This alloy's module of elasticity, which is considerably less 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

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. remanium® wires and arches 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

Noninium® – nickel free* stainless steel.

Noninium® wires and arches are especially designed for patients with nickel allergies as they do not contain nickel*. They are very break-resistant and have outstanding mechanical properties. They are also available as triple twisted wires.

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

remaloy® – cobalt chromium.

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

Equire – stainless steel (American 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, possible to weld 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

Equire – thermo-active nickel titanium (American 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 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

Translucent pearl arches.

A practically invisible arch especially designed for the aesthetic treatment with ceramic and plastic brackets. Unlike white coated metal arches, the aesthetic appearance of this arch is permanent. 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

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

remanium® ideal arch, rectangular

16 x 16	767-100-00	767-200-00	10 pieces
16 x 16	767-100-01	767-200-01	50 pieces
16 x 22	767-101-00	767-201-00	10 pieces
16 x 22	767-101-01	767-201-01	50 pieces
17 x 22	767-102-00	767-202-00	10 pieces
17 x 25	767-103-00	767-203-00	10 pieces
17 x 25	767-103-01	767-203-01	50 pieces
18 x 25	767-104-00	767-204-00	10 pieces
19 x 25	767-105-00	767-205-00	10 pieces
19 x 25	767-105-01	767-205-01	50 pieces
21.5 x 25	767-106-00	767-206-00	10 pieces
21.5 x 28	767-107-00	767-207-00	10 pieces

Equire preformed ideal arch, round, arch form: American Style

12	769-000-00	769-001-00	10 pieces
14	769-002-00	769-003-00	10 pieces
16	769-004-00	769-005-00	10 pieces
18	769-006-00	769-007-00	10 pieces

Equire preformed ideal arch, rectangular, arch form: American Style

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

CE 0483

Stainless steel (twisted and braided), super spring hard

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
------------	--------------------	---------------------	----------

dentaflex® ideal arch, round, 3-strand twisted

15	766-120-00	766-121-00	10 pieces
15	766-120-01	766-121-01	50 pieces
18	766-122-00	766-123-00	10 pieces
18	766-122-01	766-123-01	50 pieces
20	766-124-00	766-125-00	10 pieces

dentaflex® ideal arch, rectangular, 3-strand twisted

16 x 16	766-130-00	766-131-00	10 pieces
16 x 22	766-132-00	766-133-00	10 pieces
16 x 22	766-132-01	766-133-01	50 pieces

dentaflex® ideal arch, rectangular, 8-strand braided

16 x 16	766-100-00	766-200-00	10 pieces
16 x 16	766-100-01	766-200-01	50 pieces
16 x 22	766-101-00	766-201-00	10 pieces
16 x 22	766-101-01	766-201-01	50 pieces
17 x 25	766-103-00	766-203-00	10 pieces
18 x 25	766-104-00	766-204-00	10 pieces
19 x 25	766-105-00	766-205-00	10 pieces

CE 0483

Stainless steel (twisted and braided), hard plus

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
------------	--------------------	---------------------	----------

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

15	766-300-00	766-400-00	10 pieces
15	766-300-01	766-400-01	50 pieces
18	766-301-00	766-401-00	10 pieces
18	766-301-01	766-401-01	50 pieces

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	764-014-00	764-015-00	10 pieces

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
19 x 25	764-028-00	764-029-00	10 pieces
21 x 25	764-030-00	764-031-00	10 pieces

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



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

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

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

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



Nickel titanium, super elastic

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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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



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

Delivery program arches

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

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

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

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

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
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

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

rema Spee® retraction arch, round, with dimple			
16	766-050-00	766-051-00	10 pieces
18	766-052-00	766-053-00	10 pieces

rema 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

rematitan® "LITE" White ideal arch, round			
16	768-014-00	768-015-00	3 pieces
18	768-016-00	768-017-00	3 pieces

rematitan® "LITE" White ideal arch, rectangular			
16 x 16	768-018-00	768-019-00	3 pieces
16 x 22	768-020-00	768-021-00	3 pieces
17 x 25	768-022-00	768-023-00	3 pieces

CE 0483

Cobalt chromium, hard plus

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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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 titanium molybdenum, middle plus

Dimensions	REF (Maxillary)	REF (Mandibular)	Quantity
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rematitan® SPECIAL ideal arch, round			
16	766-605-00	766-606-00	10 pieces
18	766-607-00	766-608-00	10 pieces

rematitan® SPECIAL ideal arch, rectangular			
16 x 16	766-631-00	766-632-00	10 pieces
16 x 22	766-609-00	766-610-00	10 pieces
17 x 25	766-611-00	766-612-00	10 pieces
18 x 18	766-613-00	766-614-00	10 pieces
18 x 25	766-615-00	766-616-00	10 pieces
19 x 25	766-617-00	766-618-00	10 pieces
21 x 25	766-619-00	766-620-00	10 pieces

CE 0483

Glass fiber reinforced plastic

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

CE 0483

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

CE 0483

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

CE 0483

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	764-003-00	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

CE 0483

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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CE 0483

Delivery program straight wires

Nickel free titanium molybdenum

Dimensions	REF	Quantity
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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

CE 0483

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

CE 0483

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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CE 0483

Dimensions

Dimensions		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

Dimensions		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

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 coils, 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 coils, 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 coils, 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 coils, 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 coils, 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

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

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 ≤ 0.05% are due to the process of manufacturing

CE 0483

Delivery program wires on coils

Nickel titanium

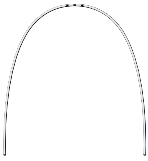
Dimensions	REF	Quantity
rematitan® "LITE" wire on coils, round, super elastic		
0.30 mm / 12	766-094-00	4.5 m
0.35 mm / 14	766-095-00	4.5 m
0.40 mm / 16	766-196-00	4.5 m

CE⁰⁴⁸³

Titanium

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

CE⁰⁴⁸³

**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

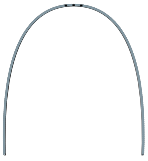


Mid line marking: Mandibular 1 dot

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





remanium® ideal arch, rectangular

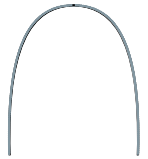
Strength category: spring hard plus · 2000–2300 N/mm²

Color coded packaging: red

Mid line marking: Maxillary 3 dots

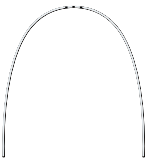
∅	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16		0.54 mm	767-100-00	10 pieces
0.41 x 0.41 mm / 16 x 16		0.54 mm	767-100-01	50 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	767-101-00	10 pieces
0.41 x 0.56 mm / 16 x 22		0.62 mm	767-101-01	50 pieces
0.43 x 0.56 mm / 17 x 22		0.64 mm	767-102-00	10 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

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

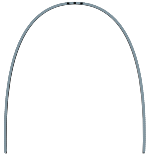
Mid line marking: Mandibular 1 dot, etched



∅	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

Stainless steel (Nickel chromium)



Equire preformed ideal arch, rectangular

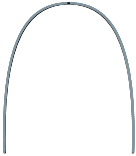
Arch form: American Style

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

Stainless steel (twisted and braided)



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

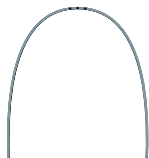
∅	Length	Diagonal M.	REF	Quantity
0.38 mm / 15			766-120-00	10 pieces
0.38 mm / 15			766-120-01	50 pieces
0.45 mm / 18			766-122-00	10 pieces
0.45 mm / 18			766-122-01	50 pieces
0.50 mm / 20			766-124-00	10 pieces

Mid line marking: Mandibular 1 dot



∅	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



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

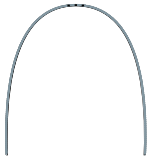
Mid line marking: Mandibular 1 dot

∅	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



Stainless steel (twisted and braided)



dentaflex® ideal arch, rectangular, 8-strand braided

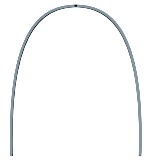
Strength category: super spring hard · 2500–2700 N/mm²

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

Nickel free* stainless steel



Noninium® ideal arch, round

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

Color coded packaging: green

Mid line marking: Maxillary 3 dots

∅	Length	Diagonal M.	REF	Quantity
0.30 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			764-014-00	10 pieces

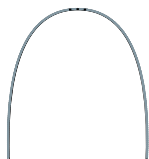
Mid line marking: Mandibular 1 dot



∅	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



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
0.48 x 0.64 mm / 19 x 25		0.73 mm	764-028-00	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
0.48 x 0.64 mm / 19 x 25		0.73 mm	764-029-00	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



Noninium® White ideal arch, round

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

Color coded packaging: green

Mid line marking: none

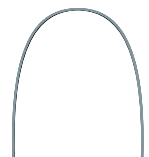
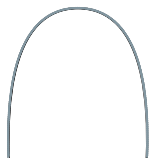
∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-002-00	3 pieces
0.45 mm / 18			768-004-00	3 pieces

∅	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

Thermo-active nickel titanium



Tensic® ideal arch, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary 3 dots

∩	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

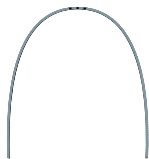
Mid line marking: Mandibular 1 dot

∩	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

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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



Equire thermo-active, preformed ideal arch, round

Arch form: American Style

Strength category: super elastic

Mid line marking: Maxillary 3 dots, etched

∅	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

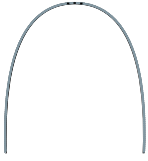
Mid line marking: Mandibular 1 dot, etched



∅	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

Thermo-active nickel titanium



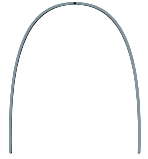
Equire thermo-active, preformed ideal arch, rectangular

Arch form: American Style

Strength category: super elastic

Mid line marking: Maxillary 3 dots, etched

∅	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

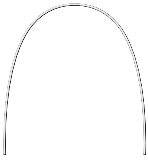


Mid line marking: Mandibular 1 dot, etched

∅	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

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

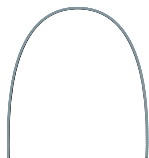


∅	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			768-027-00	3 pieces
0.45 mm / 18			768-029-00	3 pieces

CE 0483

Fixed appliance technique / Arches

Thermo-active nickel titanium (white coated)



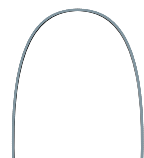
Tensic® White ideal arch, rectangular

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 titanium



rematitan® sl ideal arch, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: with dimple

∅	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



∅	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

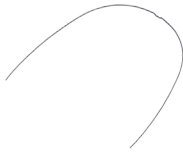
CE 0483



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



rematitan® "LITE" arch, arch form II, square for McLaughlin-Bennett-Trevisi technique**

Strength category: super elastic
 Color coded packaging: orange
 Mid line marking: Maxillary/Mandibular 1 dot, etched

Length	Diagonal M.	REF	Quantity
0.41 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

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



rematitan® "LITE" Ricketts® PENTA arch, normal

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary/Mandibular 1 dot, etched

∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.41 mm / 16 x 16			766-250-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-251-00	10 pieces
0.43 x 0.64 mm / 17 x 25			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			766-253-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-254-00	10 pieces
0.43 x 0.64 mm / 17 x 25			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			766-256-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-257-00	10 pieces
0.43 x 0.64 mm / 17 x 25			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			766-259-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-260-00	10 pieces
0.43 x 0.64 mm / 17 x 25			766-261-00	10 pieces

CE 0483



rematitan® "LITE" Ricketts® PENTA arch, oval narrow

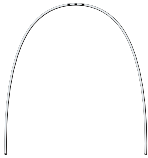
Strength category: super elastic

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			766-262-00	10 pieces
0.41 x 0.56 mm / 16 x 22			766-263-00	10 pieces
0.43 x 0.64 mm / 17 x 25			766-264-00	10 pieces

CE 0483



rematitan® "LITE" ideal arch, round

Strength category: super elastic

Color coded packaging: orange

Mid line marking: Maxillary 3 dots

∅	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

Mid line marking: Mandibular 1 dot



∅	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

CE 0483



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

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

CE 0483



rematitan® "LITE" ideal arch, round

Strength category: super elastic

Color coded packaging: orange

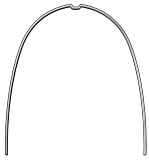
Mid line marking: with dimple

∅	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

∅	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

CE 0483

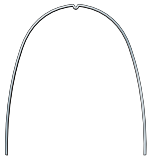




rematitan® "LITE" ideal arch, rectangular

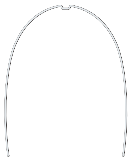
Strength category: super elastic
 Color coded packaging: orange
 Mid line marking: with dimple

∩	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
0.53 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
0.53 x 0.64 mm / 21 x 25		0.76 mm	766-087-00	10 pieces

CE 0483



rematitan® "LITE" ideal arch, round

For narrow jaws. Narrow arch form.

Strength category: super elastic
 Color coded packaging: orange
 Mid line marking: with dimple

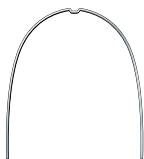
∪	Length	Diagonal M.	REF	Quantity
0.30 mm / 12			766-160-00	10 pieces
0.35 mm / 14			766-162-00	10 pieces
0.40 mm / 16			766-164-00	10 pieces
0.45 mm / 18			766-166-00	10 pieces



∪	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

CE 0483





rematitan® "LITE" ideal arch, rectangular

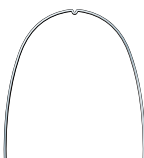
For narrow jaws. Narrow arch form.

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



∩	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

CE 0483

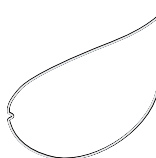


rema Spee® retraction arch, round

Strength category: super elastic

Mid line marking: with dimple

∪	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			766-050-00	10 pieces
0.45 mm / 18			766-052-00	10 pieces



∪	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			766-051-00	10 pieces
0.45 mm / 18			766-053-00	10 pieces

CE 0483



rema Spee® retraction arch, rectangular

Strength category: super elastic

Mid line marking: with dimple

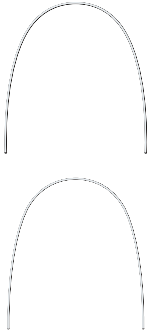
∩	Length	Diagonal M.	REF	Quantity
0.41 x 0.56 mm / 16 x 22		0.62 mm	766-054-00	10 pieces
0.43 x 0.64 mm / 17 x 25		0.70 mm	766-056-00	10 pieces



∩	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

CE 0483

Nickel titanium (white coated)



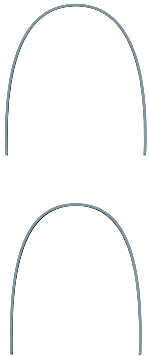
rematitan® "LITE" White ideal arch, round

Strength category: super elastic
Color coded packaging: orange
Mid line marking: none

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

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

CE 0483



rematitan® "LITE" White ideal arch, rectangular

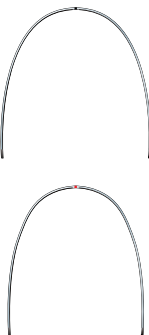
Strength category: super elastic
Color coded packaging: orange
Mid line marking: none

∩	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

CoCr



remaloy® ideal arch, rectangular

Strength category: hard plus - 1600-1800 N/mm²
Color coded packaging: blue
Mid line marking: Maxillary 3 dots, black

∩	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

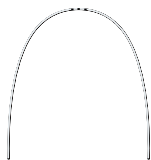
Mid line marking: Mandibular 1 dot, black

∩	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

Fixed appliance technique / Arches

Nickel free titanium molybdenum



rematitan® SPECIAL ideal arch, round

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

Color coded packaging: yellow

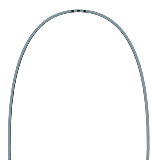
Mid line marking: Maxillary 3 dots

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16			766-605-00	10 pieces
0.45 mm / 18			766-607-00	10 pieces

Mid line marking: Mandibular 1 dot

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

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

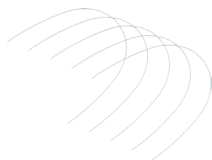
Mid line marking: Mandibular 1 dot

∅	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



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

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



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



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

Nickel free* stainless steel



Noninium® straight wire, round

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

Color coded packaging: green

ø	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		764-003-00	10 pieces

CE 0483

* Nickel trace elements of ≤ 0.2 % 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

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 titanium molybdenum



rematitan® SPECIAL straight wire, round

Strength category: middle plus · 1100–1400 N/mm²
Color coded packaging: yellow

ø	Length	Diagonal M.	REF	Quantity
0.40 mm / 16	each 380 mm		766-600-00	10 pieces
0.45 mm / 18	each 380 mm		766-601-00	10 pieces
0.80 mm / 32	each 360 mm		766-629-00	10 pieces

CE 0483



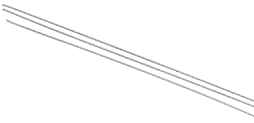
rematitan® SPECIAL straight wire, rectangular

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

Titanium



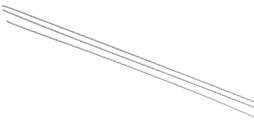
Titanium retainer wire, grade 1

For maxillary and mandibular, 3-strand twisted

Grade 1 indicates a very low oxygen content, relative degree of softness and easy adaptation when cold.

ø	Length	Diagonal M.	REF	Quantity
0.44 mm / 17	50 mm		528-001-01	10 pieces
0.50 mm / 20	50 mm		528-000-01	10 pieces

CE 0483



Titanium retainer wire, grade 5

For maxillary and mandibular, 3-strand twisted

Grade 5 indicates a very high mechanical strength.

ø	Length	Diagonal M.	REF	Quantity
0.44 mm / 17	50 mm		528-001-00	10 pieces
0.50 mm / 20	50 mm		528-000-00	10 pieces

CE 0483

Gold



Gold retainer

For maxillary and mandibular, 3-strand twisted

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

CE 0483

Fixed appliance technique / Wires on coils

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

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

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

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.

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

CE 0483

remanium® ligature wire

Material: stainless steel

Strength category: soft · ≤ 800 N/mm²

ø	Length	REF	Quantity
0.25 mm / 10	80 m	500-025-00	1 piece
0.25 mm / 10	1160 m	501-025-00	1 piece
0.30 mm / 12	60 m	500-030-00	1 piece
0.40 mm / 16	30 m	500-040-00	1 piece
0.50 mm / 20	50 m	503-050-00	1 piece
0.50 mm / 20	320 m	501-050-00	1 piece



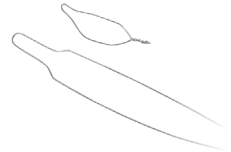
CE 0483

remanium® preformed ligatures

Material: Stainless steel

Strength category: soft · ≤ 800 N/mm²

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



CE 0483

remanium® Kobayashi ligatures

With hook for elastics.

Material: Stainless steel

Strength category: soft · ≤ 800 N/mm²

Version	ø	REF	Quantity
short	0.35 mm / 14	751-004-00	100 pieces
long	0.30 mm / 12	751-003-00	100 pieces



CE 0483

Ligatures White, short

Material: Stainless steel

Strength category: soft · ≤ 800 N/mm²

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

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



CE 0483

Fixed appliance technique / Accessories



remanium® tension spring

Material: Stainless steel

Outer ø	Inner ø	Length	REF	Quantity
1.15 mm / 45	0.70 mm / 28	1 m	758-165-00	1 piece
1.21 mm / 48	0.75 mm / 30	1 m	758-175-00	1 piece
1.66 mm / 66	1.20 mm / 47	10 mm	758-180-00	6 pieces

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 ø	Inner ø	Length with eyelets	Wire strength ø	REF	Quantity
1.26 mm / 50	0.76 mm / 30	9 mm	0.25 mm / 10	758-160-00	10 pieces
1.26 mm / 50	0.76 mm / 30	12 mm	0.25 mm / 10	758-161-00	10 pieces

CE 0483



remaloy® cuspid retraction springs

acc. to Ladanyi

For distalizing cuspids.

Material: CoCr

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

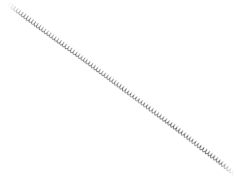
May be individually shortened.

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
0.76 mm / 30	18 cm	0.30 mm / 12	middle	758-361-00	3 pieces
0.90 mm / 36	18 cm	0.35 mm / 14	heavy	758-362-00	3 pieces

CE 0483



rematitan® "LITE" White compression springs

advantages:

- high elasticity with virtually constant restoring force
- fatigue-free, low, uniform transfer of forces

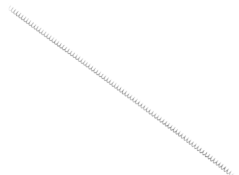
May be individually shortened.

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	768-360-00	3 pieces
0.76 mm / 30	18 cm	0.30 mm / 12	middle	768-361-00	3 pieces

CE 0483



Fixed appliance technique / Accessories



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 transversal 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

CE⁰⁴⁸³



Titanium lingual retainer

acc. to Kimmich

For lower cuspids 3-3, anatomically preformed.

The stated length conforms with the transversal 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	24 mm	728-507-01	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

CE⁰⁴⁸³



Jaw fracture splint

With hooks.

Material: Stainless steel

REF 402-253-00	1 m
CE ⁰⁴⁸³	

Sliding tubes, round

Closed with hook. For lipbumper 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 arch wire 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 arch wire 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

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 \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

Material: Stainless steel

REF 480-000-00

10 pieces

CE 0483



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 \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

Material: Stainless steel

REF 480-100-00	10 pieces
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CE⁰⁴⁸³



Rectangular tube

For use with suprastructures in orthodontic implantology for holding wires and springs.

Material: Stainless steel

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

CE⁰⁴⁸³



Stop tubes, slotted

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

Material: Stainless steel

\square	REF	Quantity
0.46 x 0.64 mm / 18 x 25	480-617-00	100 pieces
0.56 x 0.70 mm / 22 x 28	480-618-00	100 pieces

CE⁰⁴⁸³



Arch wire 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



ø	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

NEW

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



ø	Length	Diagonal M.	REF	Quantity
0.70 mm / 28	each 380 mm		528-070-00	10 pieces
0.80 mm / 31	each 380 mm		528-080-00	10 pieces
0.90 mm / 36	each 380 mm		528-090-00	10 pieces
1.00 mm / 39	each 380 mm		528-100-00	10 pieces
1.10 mm / 43	each 380 mm		528-110-00	10 pieces
1.20 mm / 47	each 380 mm		528-120-00	10 pieces
1.30 mm / 51	each 380 mm		528-130-00	10 pieces
1.50 mm / 59	each 380 mm		528-150-00	10 pieces

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



ø	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 coils, 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 coils, 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 coils, 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 coils, 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 coils, 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

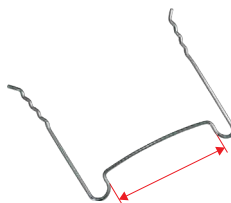
* Nickel trace elements of ≤ 0.05 % are due to the process of manufacturing

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	1 piece
0.80 mm / 31	31 mm	621-031-01	1 piece
0.80 mm / 31	34 mm	621-034-01	1 piece
0.80 mm / 31	37 mm	621-037-01	1 piece
0.80 mm / 31	40 mm	621-040-01	1 piece
0.80 mm / 31	43 mm	621-043-01	1 piece
0.80 mm / 31	46 mm	621-046-01	1 piece



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

Noninium® Adams clasps 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
CE	
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

Contents:



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

Noninium® Adams clasps

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 clasps

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



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



Noninium® arrow clasps

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



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



Noninium® ball retainer clasps

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



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



remanium® ball retainer clasps

Ball ø: 1.6 mm

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 / 35	each 38 mm	620-109-00	100 pieces
1.00 mm / 39	each 38 mm	620-110-00	100 pieces



remanium® arrow clasps

Material: Stainless steel

Strength category: hard · 1400–1600 N/mm²

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



CE

Guide pins

acc. to G. Müller®

Guide pins 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 pins

acc. to Hinz

Material: Stainless steel

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



CE

Lingual bars

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

CE 0483



Plastic sleeving

For covering wires.

Material: Polyurethane

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

CE 0483



Brass wire

For measuring on models. Not approved for use in the mouth.

Material: Brass

ø	Length	REF	Quantity
0.50 mm / 20	30 m	572-050-00	1 piece
0.60 mm / 23	20 m	572-060-00	1 piece
0.80 mm / 32	12,5 m	572-080-00	1 piece



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 maxillary molars.

1 assortment = 30 pieces

Material: Stainless steel

ø 0.90 mm / 36

REF 728-020-00 1 assortment

CE 0483

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

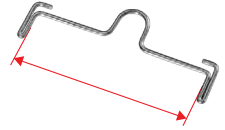
remanium® Goshgarian palatal bars

Reverse Loop – mesial

The inverted loop is better for suppressing the gag reflex.
Enables controllable movements of maxillary 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

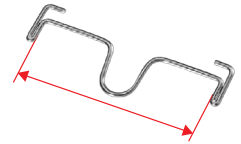
remanium® Goshgarian palatal bars

Standard Loop – distal

Enables controlled 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

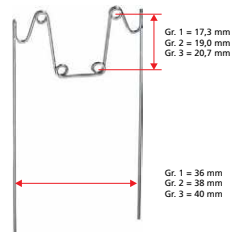
remanium® Quad Helix

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

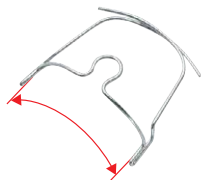
Material: CoCr

REF 728-205-00	1 assortment
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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

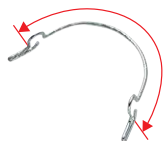
Material: CoCr

REF 728-215-00	1 assortment
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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

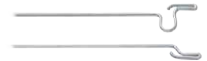


CE 0483

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
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CE 0483



Orthorama® retention bands

Material: Stainless steel

REF 728-402-00	10 pieces
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CE 0483



Class II appliances

SUS ² – Sabbagh Universal Spring	Page	236
Herbst bite jumping hinges / Sets	Page	238
Herbst bite jumping hinges / Accessories	Page	240



Class II appliances.

Guarantee for success.

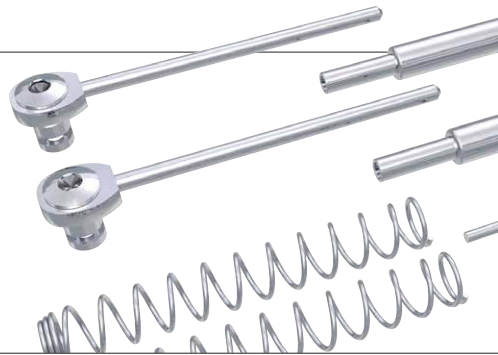


DENTAURUM
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The ideal path to Class I.



SUS² – first class treatment for your Class II patients.

- Universal application with only one size that fits all patients and one product for right and left side.
- Easy handling and installation within minutes.
- Can be used as spring or hinge.
- Various types of activation for different indications:
 - SUS² as a hinge: activation with one or more slotted spacers (1 mm/2 mm) crimped on the telescope rod.
 - SUS² as a spring: you can use the optional turbo-spring if higher forces are required (adult treatment) or if dental calculus has hindered the function of the inner spring.
- Improved patient hygiene with corrosion-resistant materials and open tubes.
- Excellent patient acceptance and comfort with flexible movement of the lower jaw.
- Gentle and constant forces along with bracket-therapy allow for shorter treatment time (only about 6 months).



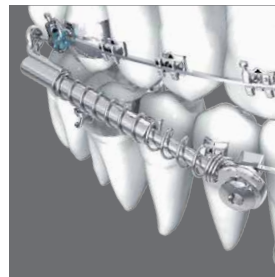
The Sabbagh Universal Spring – SUS² – is a chair-side Class II telescoping appliance with an internal spring for universal intermaxillary use. It provides a perfect alternative for any patients with compliance issues. The SUS² acts with constant, gentle forces on the temporomandibular joints, and can help to avoid the need for some extractions and dysgnathic operations.

Indications:

- distocclusion / Class II (uni-/bilateral).
- molar distalization (headgear substitute).
- space closing (aplasia).
- temporomandibular dysfunction (repositioning effect).
- sleep apnea therapy.
- dentoalveolar compensation of the occlusion (elastics substitute).

The ideal solution for patients with:

- poor cooperation.
- minimal residual growth.
- illnesses of the upper respiratory tract or asthma.
- allergy to acrylic components.



Herbst bite jumping hinges.

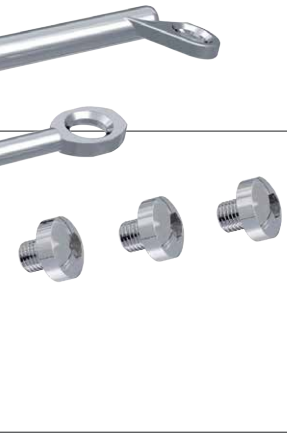
Safe, proven, effective.



The classic correction of distal occlusions.

Dentaurum's program consists of 4 variations of the proven Herbst bite jumping hinge. They all share the same high mechanical stability and excellent design, which enables them to withstand considerable forces and still have enough reserves for an effective orthodontic treatment.





Herbst TS.

This model is fitted with an internal telescope, which prevents the hinge from sliding apart.

Herbst I.

The classic retention hinge for welding onto bands.

Depending on the experience and the goal of the orthodontist, the Dentaurem Herbst technique is fit for band or cast techniques. This means maximum flexibility and allows customized application.

Herbst II.

The modified Herbst bite jumping hinge for use with a multi-bracket appliance.

Herbst IV.

The modified Herbst bite jumping hinge with ball and socket joint and C-clip fixation for greater lateral movement.

This intelligent solution offers a new dimension of lower jaw movement in therapy with Herbst bite jumping hinges. The Herbst IV ball and socket joint is far more comfortable for the patient.

The C-Clips avoid time-consuming screw placement. This makes Herbst IV easier to handle and safer to wear.

Class II appliances

SUS² – Sabbagh Universal Spring



SUS² starter set

Incl. CD-ROM



REF 607-140-01	1 set
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CE 0483

Contents:

2 x SUS ² telescope elements	REF 607-147-00
2 x SUS ² telescope rod, assembled	REF 607-148-00
2 x SUS ² ball retainer clasps, ø 1.0 mm	REF 607-136-00
2 x SUS ² turbo spring (Stainless steel), Length 22 mm	REF 607-146-00
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	REF 607-144-00



SUS² set

A hex key is not included in the set!



REF 607-145-01	1 set
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CE 0483

Contents:

2 x SUS ² telescope elements	REF 607-147-00
2 x SUS ² telescope rod, assembled	REF 607-148-00
2 x SUS ² ball retainer clasps, ø 1.0 mm	REF 607-136-00
2 x SUS ² turbo spring (Stainless steel), Length 22 mm	REF 607-146-00
2 x Spacer rings, crimpable, Length 1 mm	REF 607-103-11
2 x Spacer rings, crimpable, Length 2 mm	REF 607-104-11



SUS² telescope rod, assembled

REF 607-148-00	2 pieces
-----------------------	----------

CE 0483

Contents:

2 x SUS ² arch adapter/fixing screw (2 pairs)	REF 607-143-00
2 x SUS ² telescope rod	REF 607-149-00



SUS² telescope rod

REF 607-149-00	2 pieces
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CE 0483



SUS² arch adapter/fixing screw

REF 607-143-00	1 pair
-----------------------	--------

CE 0483



SUS² telescope elements (with hexagon socket screw)

REF 607-147-00	1 piece
-----------------------	---------

CE 0483



SUS² turbo spring (Stainless steel)

Length: 22 mm

REF 607-146-00	6 pieces
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CE 0483

SUS² – Sabbagh Universal Spring

SUS² compression spring (Stainless steel)

Length: 15 mm

REF 607-141-00

6 pieces

CE 0483



SUS² compression spring (Nickel titanium)

Length: 15 mm

REF 607-150-00

6 pieces

CE 0483



SUS² distance spring

Length: 10 mm

REF 607-142-00

6 pieces

CE 0483



Spacer rings, crimpable

Length	for	REF	Quantity
1 mm	Herbst TS + SUS ²	607-103-11	10 pieces
2 mm	Herbst TS + SUS ²	607-104-11	10 pieces
3 mm	Herbst TS + SUS ²	607-105-11	10 pieces
4 mm	Herbst TS + SUS ²	607-107-11	10 pieces

CE 0483



Herbst TS/SUS² crimping pliers sterilizable

For clamping slotted spacers for Herbst TS and SUS².

Premium-Line · 10 year guarantee

REF 003-710-00

1 piece

CE



SUS² ball retainer clasps

Shaft ø: 1.0 mm

Head ø: 2.10 mm

Length: 18 mm

REF 607-136-00

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/soldering onto bands or cast splints.

Contents:

- 1 x telescopic rod, right
- 1 x telescopic rod, left
- 4 x hexagon socket screws
- 4 x F-bases

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



Herbst I set

With hexagon socket screws.

For welding/soldering 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-bases	REF 607-127-30



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 screws, short	REF 607-108-10
2 x Hexagon socket screws, long	REF 607-108-20
4 x Pivots	REF 607-111-00

Herbst bite jumping hinges / Sets

Herbst IV set

With ball head.

For welding/soldering 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 rods with ball head
- 2 x coupling for ball head
- 4 x bases
- 10 x C-clip, lock washer



REF 607-115-00

1 set

CE 0483



Class II appliances

Herbst bite jumping hinges / Accessories



Hexagon socket screws

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 screws

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 washers

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

CE 0483

Bases/pivots

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 tubes

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 rings

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 rings, crimpable

Length	for	REF	Quantity
1 mm	Herbst TS + SUS ²	607-103-11	10 pieces
2 mm	Herbst TS + SUS ²	607-104-11	10 pieces
3 mm	Herbst TS + SUS ²	607-105-11	10 pieces
4 mm	Herbst TS + SUS ²	607-107-11	10 pieces

CE 0483



Herbst TS/SUS² crimping pliers

sterilizable

For clamping slotted spacers for Herbst TS and SUS².

Premium-Line · 10 year guarantee

REF 003-710-00

1 piece

CE



Hexagon socket key 1.5

sterilizable

Key width	for	REF	Quantity
1.5 mm	Herbst TS / I / II, SUS ²	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

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OrthoSafe sports guard	Page	265



Intra- and extraoral.

Appliances for every treatment technique.



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Complete delivery program for all areas of treatment.

The range of intraoral and extraoral products from Dentaaurum extends from simple elastics or separators for intraoral 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 extraoral products, great care is taken in order to comply with the Dentaaurum 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 in various forces.

Dentalastics® separators

For quick and easy separation of teeth.



Extraoral 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 Face Bow. When a pulling force exceeds (approx. 2.5–3 kg/5.5–6.6 lbs.) the traction modules separate automatically disengaging the Face Bow, preventing any whip-back (e.g. of the Face Bow). Reassembly is easy for either patient or parent. The traction module released by the clip is simply pushed back into position.

Headgears must always be used with safety modules!

Form of delivery:

High-pull headgear with relevant safety module.

Pulling force	Module	High-pull headgear	REF	Quantity
light to 4.5 N (450 g)	white	Denim, blue	745-024-00	1 piece
medium to 6 N (600 g)	dark blue	Denim, blue	745-025-00	1 piece
strong to 7.5 N (750 g)	light blue	Denim, blue	745-026-00	1 piece

CE



High-pull headgear without safety modules

Headgears 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
Cotton, pink	745-032-00	1 piece

CE



High-pull headgear with eyelets for chin cap therapy

Headgears 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 Face Bow. When a pulling force exceeds (approx. 2.5–3 kg/5.5–6.6 lbs.) the traction modules separate automatically disengaging the Face Bow, preventing any whip-back (e.g. of the Face Bow). 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
Cotton, pink	180 mm	745-034-00	5 pieces



CE

Neck pads for neck bands

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



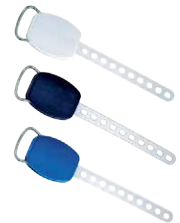
CE

Safety modules with metal clip

For neck bands or high-pull headgears.

Headgears 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

Metal clip for safety modules

Material: Stainless steel

REF 745-037-00

10 pieces

CE



Extraoral 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

CE



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

CE



High-pull headgear "Hickham"

Suitable for all head sizes.

The required force is produced by extraoral 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

CE

Universal-pull headgear "Hickham"

Suitable for all head sizes.

Offers individual adjustment of force direction.

The required force is produced by extraoral 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 masks

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



Extraoral appliances



Noninium® Face Bow, 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:

Face Bows must always be used with headgears and neck bands with safety modules!

Inner bow \varnothing	Stop loops	Safety caps	Cuspid hooks	Face Bow	REF	Quantity
1.15 mm / 45		white			740-000-00	1 piece

CE



Standard Face Bow, mini

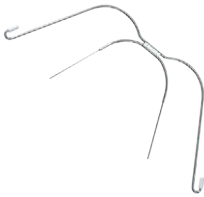
Break resistant laser welded connection between outer and inner bow.

Safety Note:

Face Bows must always be used with headgears and neck bands with safety modules!

Inner bow \varnothing	Stop loops	Safety caps	Cuspid hooks	Face Bow	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

CE



Standard Face Bow, medium

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Face Bows must always be used with headgears and neck bands with safety modules!

Inner bow \varnothing	Stop loops	Safety caps	Cuspid hooks	Face Bow	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

CE



Standard Face Bow, maxi

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Face Bows must always be used with headgears and neck bands with safety modules!

Inner bow \varnothing	Stop loops	Safety caps	Cuspid hooks	Face Bow	REF	Quantity
1.15 mm / 45		white			740-021-00	1 piece
1.15 mm / 45		white		plastic coated	740-221-00	1 piece

CE

Face Bow, medium, with stop loops

Face Bow: without coating

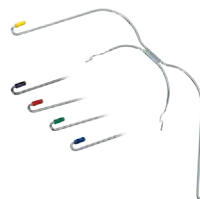
Inner bow ø: 1.15 mm / 45

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Face Bows must always be used with headgears 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

Face Bow, medium, with stop loops

Face Bow: plastic coated

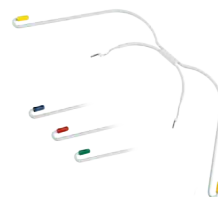
Inner bow ø: 1.15 mm / 45

Break resistant laser welded connection between outer and inner bow.

Safety Note:

Face Bows must always be used with headgears 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 / Extraoral



Chin cap

Elastic, porous, air permeable.
Color: blue

REF 744-614-00	1 piece
----------------	---------

CE



Chin cap

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

REF 744-613-00	1 piece
----------------	---------

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, "Tübinger" 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

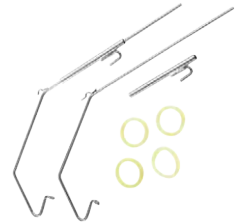


J-Hooks for Hickham headgear

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 / Extraoral



Dentalastics® extraoral plastic chain

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



Extraoral 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 tubes

For Face Bows and Lip bumper.

Inner ø	Length	REF	Quantity
1.15 mm / 45	2 mm	480-914-00	100 pieces



Stop screws

acc. to Ladanyi

For Face Bows and Lip bumper.

Inner ø	REF	Quantity
1.15 mm / 45	480-918-02	10 pieces



Key for hexagon socket screws

acc. to Ladanyi

For hexagonal stop screws.



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 Face Bow.

Used for attaching a Face Bow.



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 / Intraoral



Elastic placers

For seating and removing intraoral elastics.
Color: assorted colors

REF 772-400-00

50 pieces

CE



DISCO intraoral colored latex elastics

Highest elasticity and fatigue resistance.

Strength:

Strength ratings are based on the elastic being stretched 3 times the listed inner diameter.

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

CE₀₄₈₃

Intraoral latex elastics

Highest elasticity and fatigue resistance.

The elastic packs are marked according to size and strength with symbols. Therefore, every type can 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	∟ ¹
natural	light 0.7 N (71 g)	4.8 mm / 3/16 inch	772-104-00	10 x 100 pieces	⊗ ²
natural	light 0.7 N (71 g)	6.4 mm / 1/4 inch	772-106-00	10 x 100 pieces	⊗ ³
natural	light 0.7 N (71 g)	8.0 mm / 5/16 inch	772-107-00	10 x 100 pieces	⊗ ⁴
natural	light 0.7 N (71 g)	9.5 mm / 3/8 inch	772-109-00	10 x 100 pieces	⊗ ⁵
natural	medium 1.3 N (128 g)	3.2 mm / 1/8 inch	772-113-00	10 x 100 pieces	▬ ⁶
natural	medium 1.3 N (128 g)	4.8 mm / 3/16 inch	772-114-00	10 x 100 pieces	▬ ⁷
natural	medium 1.3 N (128 g)	6.4 mm / 1/4 inch	772-116-00	10 x 100 pieces	▬ ⁸
natural	medium 1.3 N (128 g)	8.0 mm / 5/16 inch	772-117-00	10 x 100 pieces	▬ ⁹
natural	medium 1.3 N (128 g)	9.5 mm / 3/8 inch	772-119-00	10 x 100 pieces	▬ ¹⁰
natural	strong 1.8 N (184 g)	3.2 mm / 1/8 inch	772-123-00	10 x 100 pieces	♥ ¹¹
natural	strong 1.8 N (184 g)	4.8 mm / 3/16 inch	772-124-00	10 x 100 pieces	✈ ¹²
natural	strong 1.8 N (184 g)	6.4 mm / 1/4 inch	772-125-00	10 x 100 pieces	✈ ¹³
natural	strong 1.8 N (184 g)	8.0 mm / 5/16 inch	772-126-00	10 x 100 pieces	▲ ¹⁴
natural	strong 1.8 N (184 g)	9.5 mm / 3/8 inch	772-127-00	10 x 100 pieces	▬ ¹⁵

CE 0483



Elastics and auxiliaries / Intraoral



Intraoral non-latex elastics

Highest elasticity and fatigue resistance.

The elastic packs are marked according to size and strength with symbols.

Therefore, every type can 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
1	transparent	light 0.7 N (71 g)	3.2 mm / 1/8 inch	772-303-00	10 x 100 pieces
2	transparent	light 0.7 N (71 g)	4.8 mm / 3/16 inch	772-304-00	10 x 100 pieces
3	transparent	light 0.7 N (71 g)	6.4 mm / 1/4 inch	772-306-00	10 x 100 pieces
4	transparent	light 0.7 N (71 g)	8.0 mm / 5/16 inch	772-307-00	10 x 100 pieces
5	transparent	light 0.7 N (71 g)	9.5 mm / 3/8 inch	772-309-00	10 x 100 pieces
6	transparent	medium 1.3 N (128 g)	3.2 mm / 1/8 inch	772-313-00	10 x 100 pieces
7	transparent	medium 1.3 N (128 g)	4.8 mm / 3/16 inch	772-314-00	10 x 100 pieces
8	transparent	medium 1.3 N (128 g)	6.4 mm / 1/4 inch	772-316-00	10 x 100 pieces
9	transparent	medium 1.3 N (128 g)	8.0 mm / 5/16 inch	772-317-00	10 x 100 pieces
10	transparent	medium 1.3 N (128 g)	9.5 mm / 3/8 inch	772-319-00	10 x 100 pieces
11	transparent	strong 1.8 N (184 g)	3.2 mm / 1/8 inch	772-323-00	10 x 100 pieces
12	transparent	strong 1.8 N (184 g)	4.8 mm / 3/16 inch	772-324-00	10 x 100 pieces
13	transparent	strong 1.8 N (184 g)	6.4 mm / 1/4 inch	772-325-00	10 x 100 pieces
14	transparent	strong 1.8 N (184 g)	8.0 mm / 5/16 inch	772-326-00	10 x 100 pieces
15	transparent	strong 1.8 N (184 g)	9.5 mm / 3/8 inch	772-327-00	10 x 100 pieces

CE 0483



Container for intraoral elastics

For mini patient packs. With wall bracket.

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

Color: white

REF 772-000-00

1 piece



Intraoral latex elastics

Special sizes

Cuspid to cuspid, for Face Bows 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

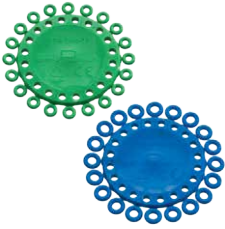
For ligating arch wires to brackets.

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

CE 0483



Elastics and auxiliaries / Intraoral



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:

All colors (without pearl, REF 774-563-00), 4 sticks each, in total 44 sticks x 22 rings = 968 pieces



Color	Inner ø	REF	Quantity
all colors	1.3 mm	774-561-01	1 assortment

CE 0483



Dentalastics® Personal / Single packs

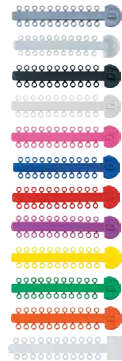
Colored plastic ligatures

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 packet
transparent	1.3 mm	774-551-00	1 packet
black	1.3 mm	774-552-00	1 packet
white	1.3 mm	774-553-00	1 packet
pink	1.3 mm	774-554-00	1 packet
blue	1.3 mm	774-555-00	1 packet
red	1.3 mm	774-556-00	1 packet
purple	1.3 mm	774-557-00	1 packet
yellow	1.3 mm	774-558-00	1 packet
green	1.3 mm	774-559-00	1 packet
orange	1.3 mm	774-560-00	1 packet
pearl	1.3 mm	774-563-00	1 packet



CE 0483

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 harmonises 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 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
- snoring
- activation of nasal breathing, curing mouth breathing
- etc.

Color	Form	REF	Quantity
transparent blue	individual	074-100-00	1 piece
transparent blue	anatomical	074-101-00	1 piece



OrthoSafe sports guard / 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 sports guard, Colors: transparent, pink, blue, green, 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 sports guard / Single packs

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 sports guard
- 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
blue	074-203-00	1 piece

CE



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Anchorage system.
innovative – comprehensive – efficient.



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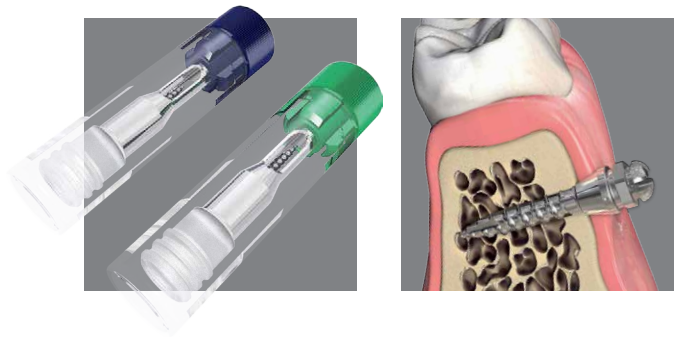


The groundbreaking temporary skeletal anchorage.

The concept.

Dentaurum has been making history for years in the field of temporary skeletal anchorage with the tomas® system. Together with leading orthodontists from around the world, we are continuously making improvements to the system. New scientific findings are integrated on an ongoing basis so that the operator can always be assured of using a state-of-the-art mini-screw system for skeletal anchorage.

With the launch of the tomas®-pin EP, we have extended the range of indications for this system. Used in combination with new coupling elements (abutments), a wider range of treatments become possible.



The material.

tomas®-pins are manufactured from Grade 5 titanium implant material in accordance with ASTM* (TiAl6V4, Material No. 3.7165). This material is widely used in the field of implantology due to its high biocompatibility and is comprehensively documented.

Indication.

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.



* American Society for Testing and Materials.

Sets



tomas®-tool set XL

The tomas®-tool set XL contains all instruments for manual and mechanical insertion of tomas®-pins.

REF 302-151-00	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®-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

NEW



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

NEW

tomas®-pins SD**self-drilling****sterile**

Titanium grade: 5

Thread \varnothing : 1.6 mmCore \varnothing : 1.2 mm

Head shape: 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®-pins EP**self-drilling****sterile**

Titanium grade: 5

Thread \varnothing : 1.6 mmCore \varnothing : 1.2 mm

Head form: 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

NEW

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 SHOP**
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Pins



tomas®-pins SD N

self-drilling

unsterile

sterilizable

Titanium grade: 5

Thread \varnothing : 1.6 mm

Core \varnothing : 1.2 mm

Head shape: 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®-pins EP N

self-drilling

unsterile

sterilizable

Titanium grade: 5

Thread \varnothing : 1.6 mm

Core \varnothing : 1.2 mm

Head form: 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

NEW

tomas[®]-drill SD 1.1, short pilot drill

sterilizable

The drilling must be undertaken at 800 min⁻¹ (max. 1500 min⁻¹) with a cooled physiological saline solution.
For perforating the compact bone (≥ 2.5 mm) when using self-drilling tomas[®]-pins.



Length	∅	Color coded packaging	REF	Quantity
4 mm	1.1 mm	yellow	302-103-00	1 piece

CE 0483

tomas[®]-punch

(Gingiva remover)

Sterile remover for single use.

For perforating the mucosa at the area of insertion for the tomas[®]-pins.

∅: 2.0 mm

REF 302-001-00	4 pieces
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CE 0086



tomas[®]-applicator

sterilizable

(Manual screwing aid)

For manual tomas[®]-pin insertion.

Length: 18 mm

REF 302-004-20	1 piece
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CE



tomas[®]-applicator

sterilizable

(Manual screwing aid)

Long version.

For manual tomas[®]-pin insertion.

Ideal for palatal insertion of tomas[®]-pins.

Length: 28 mm

REF 302-004-70	1 piece
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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).

∅: 10.0 mm

REF 302-004-30	1 piece
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CE



Anchorage system

Instruments and accessories



tomas®-torque ratchet sterilizable

For manual insertion of the tomas®-pin in combination with the tomas®-applicator (REF 302-004-20 / 302-004-70); torque should be limited to 10 Ncm.

REF 302-004-40	1 piece
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CE 0483



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 10 Ncm and 25 min⁻¹.
Length: 22 mm

REF 302-004-50	1 piece
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CE



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 10 Ncm and 25 min⁻¹.
Ideal for palatal insertion of tomas®-pins.
Length: 26 mm

REF 302-004-60	1 piece
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CE



tomas®-handpiece sterilizable

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

REF 302-004-80	1 piece
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CE

NEW



tomas®-screwdriver sterilizable

For manual insertion of the tomas®-pins.
Contains tomas®-screwdriver key 1.3 (REF 302-004-16) and tomas®-screwdriver key 3.0 (REF 302-004-14).

REF 302-004-10	1 piece
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CE



tomas®-tool tray sterilizable

For storage of tomas®-components.

REF 302-156-00	1 piece
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NEW

tomas®-abutment kit

(Accessories for abutments)

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 302-028-00
10 x tomas®-laboratory pin EP	REF 302-029-00
10 x tomas®-laboratory pin SD	REF 302-030-00



NEW

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	



NEW

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	3 mm	302-025-11	1 piece

CE 0483



NEW

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	3 mm	302-025-15	1 piece

CE 0483



NEW

Anchorage system

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 dimensions tube	Width tube	REF	Quantity
0.56 x 0.70 mm / 22 x 28	4 mm	302-025-22	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 ø	Wire length	REF	Quantity
1.10 mm	60 mm	302-025-06	1 piece

CE 0483

NEW



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	120 mm	302-025-12	1 piece

CE 0483

NEW

tomas[®]-abutment plain

(Coupling element)

For welding individual elements and for anchoring temporary crowns.

REF 302-026-00

1 piece

CE 0483

NEW



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	2 mm	2.4 mm	0.8 mm	302-027-00	2 pieces

CE 0483

NEW



tomas[®]-transfer cap

Transfer of oral status to a dental cast.

REF 302-028-00

10 pieces

CE

NEW



tomas[®]-laboratory pin EP

Laboratory analog for the tomas[®]-pin EP for manufacture of orthodontic appliances with skeletal anchorage in a laboratory.

REF 302-029-00

10 pieces

NEW



tomas[®]-laboratory pin SD

Laboratory analog for the tomas[®]-pin SD for manufacture of orthodontic appliances with skeletal anchorage in a laboratory.

REF 302-030-00

10 pieces

NEW



Anchorage system

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®-I-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

NEW



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



tomas®-power chain

(Plastic chain)

Constant tension with longer effectiveness. High elasticity with very good resiliency.

Color	Inner ø	Length	Connector	REF	Quantity
transparent	1.3 mm	3.5 m		302-018-00	1 piece

CE 0483



tomas®-uprighting spring

For uprighting and simultaneous intrusion or extrusion of molars.

REF 302-009-00	10 pieces
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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
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CE



tomas®-slotted stops

Suitable as stop for tension springs.

	REF	Quantity
☑ 0.46 x 0.64 mm / 18 x 25	302-021-18	100 pieces
0.56 x 0.70 mm / 22 x 28	302-021-22	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
-----------------------	-----------

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



Anchorage system

Instruments and accessories



tomas®-cross tube 18

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering.

Ideal for the connection between tomas®-pin and arches.

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

☞ 0483



tomas®-cross tube 22

Transverse connection between two small rectangular tubes for joining two wires without welding or soldering.

Ideal for the connection between tomas®-pin and arches.

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

☞ 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 and for bending individual hooks.

Dimensions:

Tube length: 2.0 mm

Wire length: 25.0 mm

REF 302-015-00

10 pieces

☞ 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

☞ 0483

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

NEW

tomas®-box

Plastic box with 2 inserts.

REF 302-023-10	1 piece
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NEW



Anchorage system

Patient consultation material



tomas®-model

For patient demonstration.

REF 302-006-00

1 piece



tomas®-demonstration pin SD 08 self-drilling

For patient demonstration.

Ratio 5 : 1

REF 302-007-20

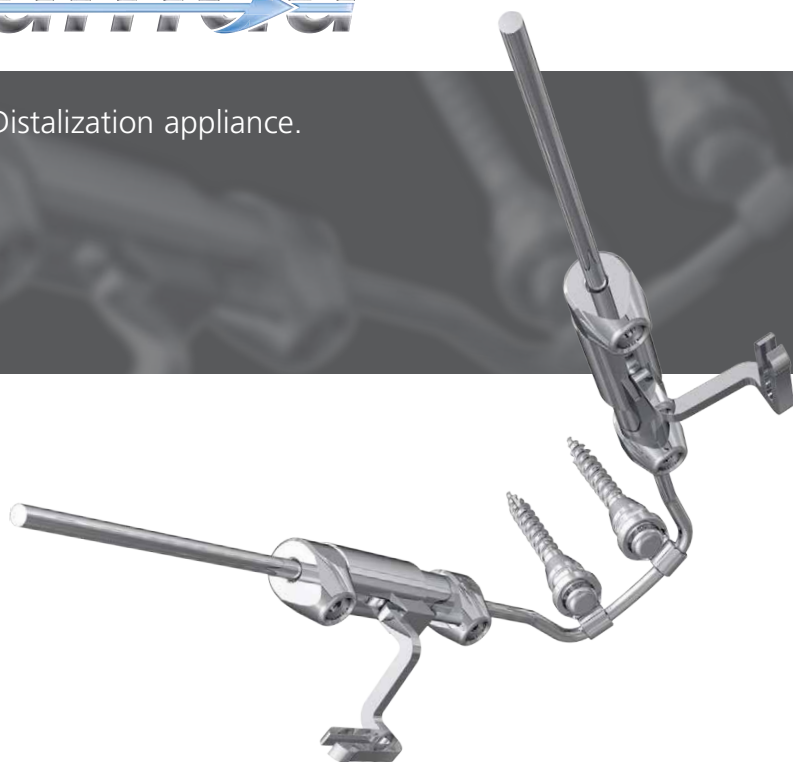
1 piece

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Distalization appliance.

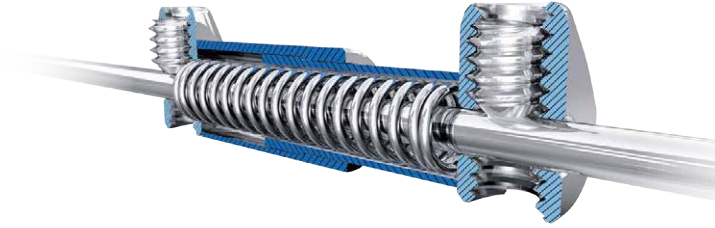


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Three in one.



Distalization, mesialization and retention with one appliance.

amda® (advanced molar distalization appliance)* is primarily a device for the distalization of upper molars and operates on the basis of a sliding mechanism.

The amda® system was invented by Prof. Dr. med. dent. Moschos A. Papadopoulos and developed by Dentaureum in close cooperation with him.

The active element is a nickel titanium spring. The amda® appliance and the palatal sheath on the molars are connected by a connector (the amda® connector) which can be adjusted individually. This offers a high degree of freedom when adapting the point of force and the molar movement required.

The amda® appliance can be fitted either with a skeletal or dentoalveolar anchorage.



Indications.

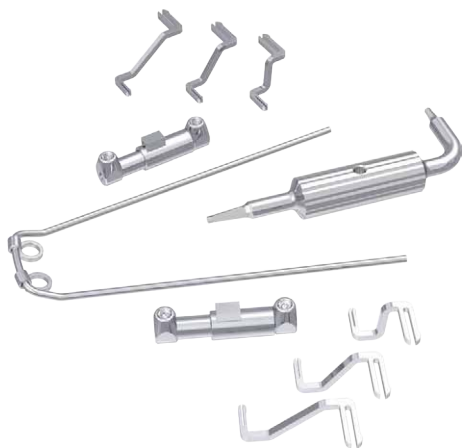
- Distalization of molars.
- Mesialization of molars.
- Retraction of anterior teeth.
- Combination of distalization and mesialization.
- Retention of molars.

NEW



Distalization appliance

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

NEW

amda® telescope

Encapsulated nickel titanium 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

NEW



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

NEW



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

NEW



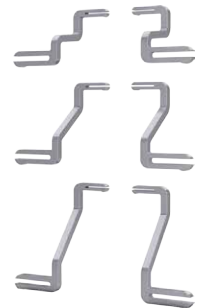
amda® connector, pair

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

NEW



Distalization appliance

amda® / Appliances and accessories



amda® palatal arch

(incl. 2 x tomas®-abutments EP, REF 302-027-00).

Palatal arch for amda® for fixing the amda® telescope.

REF 607-185-01	1 piece
REF 607-185-10	10 pieces

CE 0483

NEW



Hexagon socket key 0.9

sterilizable

Key width: 0.9 mm

REF 607-129-00	1 piece
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CE

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Professional materials for the orthodontic practice.

Our broad product range of practice materials extends from impression materials to orthodontic toothbrushes. All questions that may arise during patient consultation can be answered using our demonstration models and orthodontic study models.

Your patients will be delighted by our colorful Mini, Maxi or Magnum appliance containers.

Reliable, safe and quick cleaning of multibracket appliances using the Ortho Brush.



Orthalgenat® Duo

The universal orthodontic impression material.

O-Tray impression tray

Specially developed for orthodontics.

Orthalgenat® Ex

The ideal cleaning agent for impression trays.

Rapidur®

White, high-strength synthetic dental stone.

Orthodontic study/ demonstration models

Wide range of models.

Appliance containers

In all sizes and colors.

Impression material



Orthalgenat® Duo

Impression material incl. measuring set.

Flavor	Color	REF	Quantity
vanilla	yellow	150-501-10	1 kg
vanilla	yellow	150-509-10	9 x 1 kg
vanilla	yellow	150-520-10	20 x 1 kg
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



Packaging: 1 kg in box, 9 x 1 kg and 20 x 1 kg in 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
----------------	--------

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

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

Laboratory accessories



Rapidur®

Synthetic dental stone

- extra hard, low expansion
- quick-setting

Application:

orthodontics, cast partial denture work, precious metal, acrylic, 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



Mixing bowls

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 impregnating liquid for plaster demonstration models (e.g. Rapidur®, REF 164-450-00) to provide gloss and dust resistance.

REF 166-450-00

4.5 kg



Ultrasonic cleaning solutions

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 bases**

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 pair

**Bars/Hinges**

For plastic model bases (REF 050-501-00).

Suited for orthodontic base unit acc. to Hinz.

Material	Color	REF	Quantity
Plastic	white	050-503-00	50 pieces

**Orthodontic model tray**

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	green	163-606-01	10 pieces
mini	purple	163-609-01	10 pieces



Appliance container, maxi

The maxi version is especially suitable for bimaxillary appliances (e.g. activator, bionator).

Material: Plastic (dimensionally stable and impact resistant)

Dimensions (W x H x D): 7.80 x 4.50 x 5.60 cm

Size	Color	REF	Quantity
maxi	pearl blue	163-702-01	10 pieces
maxi	pink	163-703-01	10 pieces
maxi	yellow	163-704-01	10 pieces
maxi	orange	163-705-01	10 pieces
maxi	green	163-706-01	10 pieces
maxi	black	163-707-01	10 pieces
maxi	white flecked	163-708-01	10 pieces
maxi	purple	163-709-01	10 pieces



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	pearl blue	163-802-01	10 pieces
magnum	pink	163-803-01	10 pieces



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

Appliance containers and accessories

Snap hook

For attaching the appliance container to a belt loop.

REF 163-801-00

10 pieces

**Cords with safety lock**

For appliance containers, printed with "Dentaurum".

Color	REF	Quantity
a variety of colors	163-807-00	25 pieces



Orthodontic study/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
----------------	--------



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
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Orthodontic study/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/demonstration models



Orthodontic demonstration model Fascination® 2

Angle Class I, normal occlusion

Roth 22

Fitted with:

- Fascination® 2 ceramic brackets
- Ortho-Cast M-Series mini buccal tubes
- dentaform® bands
- rematitan® "LITE" White arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-11

1 piece



Orthodontic demonstration model equilibrium® 2/SUS²

Angle Class I, normal occlusion

McLaughlin-Bennett-Trevisi® 22

Fitted with:

- equilibrium® 2 metal brackets
- SUS² Sabbagh Universal Spring
- Ortho-Cast and Ortho-Cast M-Series mini buccal tubes
- dentaform® bands
- Equire arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-13

1 piece

* 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.



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 / Combination model

Angle Class I, normal occlusion

Roth 22

Fitted with:

- equilibrium® mini and equilibrium® 2 metal brackets
- Herbst II retention hinge
- SUS² Sabbagh Universal Spring
- tomas®-pin 08
- Ortho-Cast M-Series mini buccal tubes
- dentaform® bands
- Equire arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-16

1 piece

Orthodontic study/demonstration models

**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

NEW**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
- rematitan® sl arches

Maxilla and mandible made of plastic, hinged.

REF 892-000-17

1 piece

**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 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**

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

NEW

Orthodontic study/demonstration models



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
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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.



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
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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.



tomas®-model

For patient demonstration.

REF 302-006-00	1 piece
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Ortho Brush

Orthodontic tooth brush.
Ideal for cleaning interproximal areas,
fixed brackets and band appliances.

REF 163-300-00

10 pieces



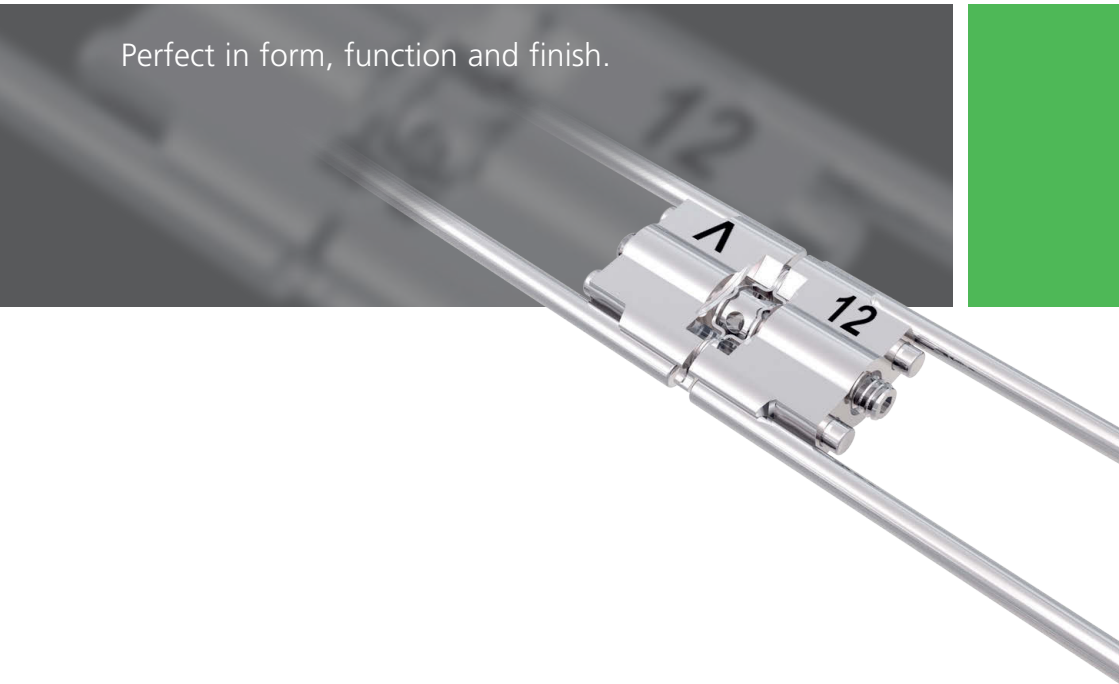
Expansion screws

Standard expansion screws	Page	312
Special expansion screws	Page	316
Variety expansion screws	Page	326
RPE screws	Page	328
Accessories	Page	333



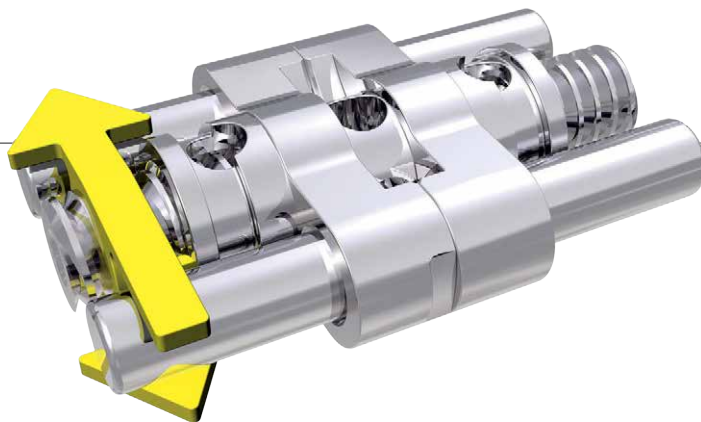
Expansion screws.

Perfect in form, function and finish.



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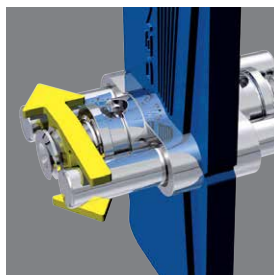


A wide selection of products.

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. The built-in stops prevent the screws from coming apart. Precision thread friction and the built-in screw lock mechanism enable precise opening of the screw without unwanted "turning back". Strong and stable screw construction due to high precision and excellent quality. Additional holes in the body ensure optimal retention in the acrylic.



Dentaurum expansion screws

The right solution for all types of treatment.

Forward thrust double plate system acc. to Schaneng

The elastic system.

hyrax®

Special expansion screw for palatal expansion.

hyrax® click

The RPE screw without unwanted turn back.

Titan hyrax®

The world's first titanium RPE screw.

Variety

The versatile, multi functional
special expansion screw.

Expansion screws

Standard expansion screws



Expansion screw Mini

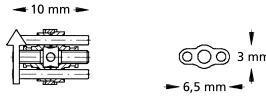
Material: stainless steel

- 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 transversal expansion and distalization in the lower jaw or for especially narrow upper jaws

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

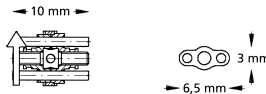
Material: Stainless steel

- 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 transversal expansion and distalization in the lower jaw or for especially narrow upper jaws

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



NEW

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.

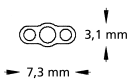
Indication: for transversal expansion and distalization in upper and lower jaw

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.

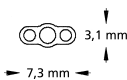
Indication: for transversal expansion and distalization in upper and lower jaw

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 →



NEW



Expansion screws

Standard expansion screws



Expansion screw Maxi

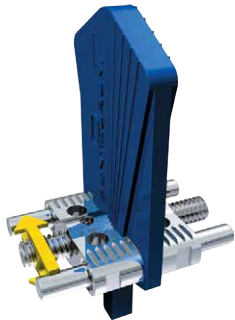
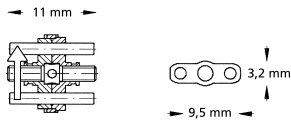
Material: Stainless steel

- 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 transversal expansion in the upper jaw

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 Magnum

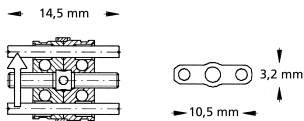
Material: Stainless steel

- 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 transversal expansion in the upper jaw 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



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.

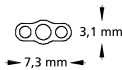
Indication: for transversal expansion and distalization in upper and lower jaw

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 →



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.

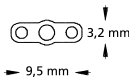
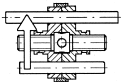
Indication: for transversal expansion of narrow maxillas and as activation screw for bimaxillary functional gnatho-orthopedic appliances

Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
7.5 mm	= 0.8 mm	Plastic, neon yellow	600-310-30	10 pieces



CE

← 14,5 mm →
← 11 mm →



Special expansion screws



Sectional screw Mini

Material: Stainless steel

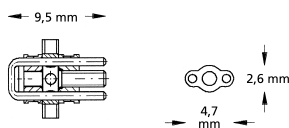
- with **wide** expansion screw holder
- skeleton design
- guide pins: U-shaped, **straight**

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



Sectional screw Mini

Material: Stainless steel

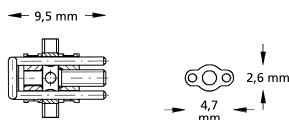
- with **wide** expansion screw holder
- skeleton design
- guide pins: U-shaped, **angulated facing down**

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



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.

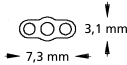
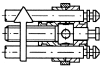
Indication: for distalization and segmentation of appliances, Y plates

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

→ 12,5 mm →



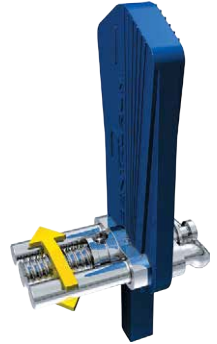
Sectional screw Medium

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.

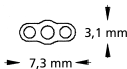
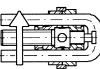
Indication: for distalization and segmentation of appliances, protrusion of an anterior segment

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

→ 13 mm →



Expansion screws

Special expansion screws



Retraction screw Extra Mini

Material: Stainless steel

- with **cone-shaped** expansion screw holder
- screw body: closed
- guide pins: U-shaped, straight

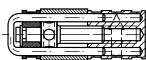
With expansion screw key straight, small – standard.

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

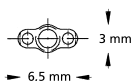
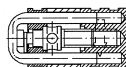
With expansion screw key straight, small – standard.

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 →



Retraction screw Medium

Material: Stainless steel

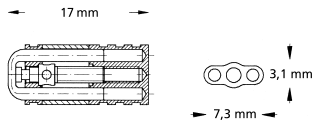
- with **cone-shaped** expansion screw holder
- screw body: closed
- guide pins: U-shaped, straight

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



Three dimensional screw acc. to Bertoni – three movements (Type A)

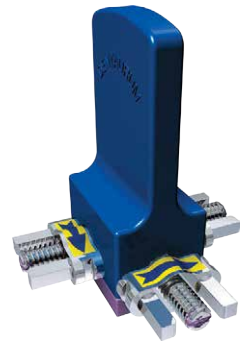
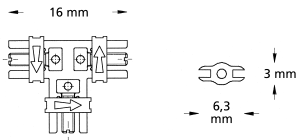
Material: Stainless steel

- strengthened guides
 - three independently controlled movements
 - same total expansion per segment
- With expansion screw key straight, small – standard.

Indication: for combined transversal and protrusion movements with Y plates

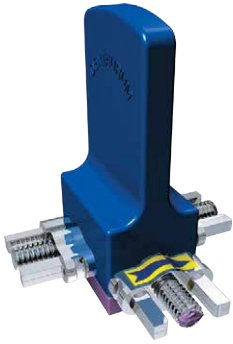
Maximum expansion	4 x 1/4 turn	Directional arrow	REF	Quantity
4.0 mm/segment	= 0.35 mm/segment	printed, blue-yellow	602-605-10	1 piece

CE



Expansion screws

Special expansion screws



Three dimensional screw acc. to Bertoni – two movements (Type B)

Material: Stainless steel

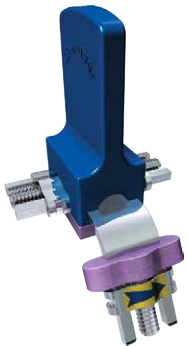
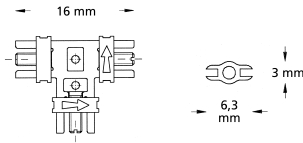
- strengthened guides
- two independently controlled movements (symmetrical transversal expansion)
- same total expansion per segment

With expansion screw key straight, small – standard.

Indication: for combined transversal 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

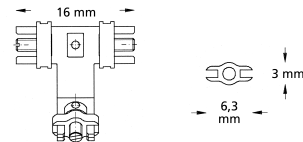
- strengthened guides
- individually adjustable middle bar for adapting to different palatal vault curvatures
- two independently controlled movements (symmetrical transversal expansion)
- same total expansion per segment

With expansion screw key straight, small – standard.

Indication: for combined transversal 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



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

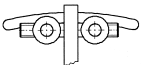
With expansion screw key straight, small – standard.

Indication: for transversal expansion of the mandibular front

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 →



Expansion screws

Special expansion screws



“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.

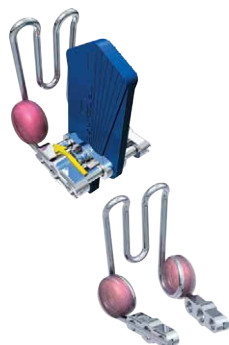
Indication: for treatment of Angle Class II/1 (distocclusion), for advancement of the mandible

REF 600-000-00	1 assortment
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CE

Contents:

3 x Screws 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 mandibular.

Adapter	Width	REF	Quantity
narrow	14.0 mm	600-003-00	10 pieces
wide	18.0 mm	600-004-00	10 pieces



Locating template acc. to Schaneng

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 screw for split activator

Material: Stainless steel

- with **cone-shaped** expansion screw holder
- strengthened guides

With expansion screw key straight, small – standard.

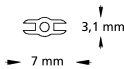
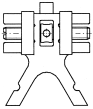
Indication: for separate expansion of upper and lower jaws

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

← 14,5 mm →



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.

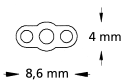
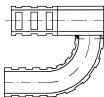
Indication: for the treatment of Angle Class III (progenia), for distal shifting of the mandible

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

← 14 mm →



Expansion screws

Special expansion screws



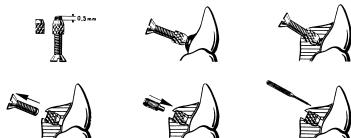
Piston spring screws, assortment

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
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CE

Contents:

10 x Piston spring screws, length 4 mm	REF 609-004-00
10 x Piston spring screws, length 6 mm	REF 609-006-00
10 x Piston spring screws, length 8 mm	REF 609-008-00
10 x Positioning screws	REF 609-100-00
10 x Serrated housing nuts	REF 609-200-30
1 x Reamer	REF 609-300-00
1 x Screw driver	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 screws

For piston spring screws.

To position the piston spring screws into the acrylic.

Material: stainless steel

Length	REF	Quantity
12.0 mm	609-100-00	10 pieces



Serrated housing nut

For piston spring screws.

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

Reamer

For piston spring screws.

Material: stainless steel

REF 609-300-00

1 piece



Screw driver

For piston spring screws.

To activate the piston spring screws.

Material: stainless steel

REF 609-400-00

1 piece



Variety expansion screws



Variety Mini – 8

Monoguided special expansion screw. 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. For early palatal expansion as well.

- small dimensions with maximum expansion
- solder free
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted turning back
- 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

With safety key.

Screw body: 9.6 mm

Maximum expansion: 8.0 mm

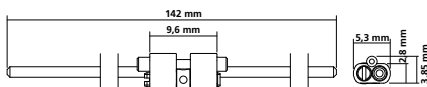
4 x 1/4 turn: = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
straight	602-815-10	1 piece	602-815-30	10 pieces

CE 0483

NEW



Variety SP (small palate) Mini – 8

Monoguided special expansion screw. 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. For early palatal expansion as well.

- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- solder free
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted turning back
- 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

With safety key.

Screw body: 9.6 mm

Maximum expansion: 8.0 mm

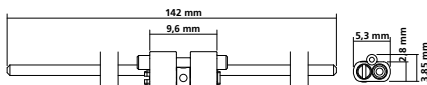
4 x 1/4 turn: = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
straight	602-819-10	1 piece	602-819-30	10 pieces

CE 0483

NEW



Variety Maxi – 12

Monoguided special expansion screw. 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. For early palatal expansion as well.

- small dimensions with maximum expansion
- solder free
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted turning back
- 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

With safety key.

Screw body: 9.6 mm

Maximum expansion: 12.0 mm

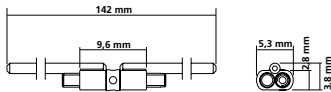
4 x 1/4 turn: = 0.8 mm

Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
straight	602-806-10	1 piece	602-806-30	10 pieces

CE 0483



Variety SP (small palate) Maxi – 12

Monoguided special expansion screw. 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. For early palatal expansion as well.

- especially suitable for very narrow jaws
- retention legs can be bent very close to the screw body
- small dimensions with maximum expansion
- solder free
- break resistant retention legs and stable guidance throughout the entire expansion
- the integrated spindle friction prevents unwanted turning back
- 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

With safety key.

Screw body: 9.6 mm

Maximum expansion: 12.0 mm

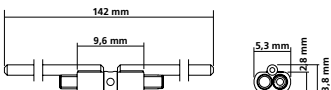
4 x 1/4 turn: = 0.8 mm

Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
straight	602-809-10	1 piece	602-809-30	10 pieces

CE 0483



Expansion screws

RPE screws



Titan hyrax® Maxi – 12

RPE screw of titanium

For rapid palatal expansion by means of fixed appliances.

The screw is anchored to the teeth using cast titanium and laser-welded cap splints, laser-welded titanium bases (REF 799-210-00) or alternatively using acrylic cap splints fabricated from Orthocryl® acrylic.

With safety key.

Screw body: 14.4 mm

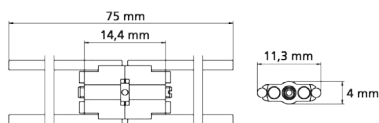
Maximum expansion: 12.0 mm

4 x 1/4 turn: = 0.8 mm

Material: titanium

Retention legs	REF	Quantity	REF	Quantity
straight	602-810-10	1 piece	602-810-30	10 pieces

CE 0483



Titanium direct bond pads

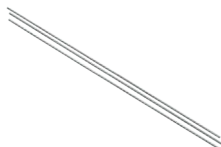
Anatomically contoured.

The titanium bonding bases are laser structured for the direct bonding technique. Specifically for the direct bonding of RPE appliances in conjunction with the Titan hyrax® Maxi – 12.

Dimensions (H x W): 3.8 x 8.3 mm

REF 799-210-00	10 pieces
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CE 0483



rematitan® straight wire

Titanium grade 1

Norm: DIN 17850

For laser welding.

Recommended as reinforcing wire for fixed titanium RPE appliances (Titan hyrax® Maxi – 12).

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



hyrax® click Mini – 7

RPE screw with the "Click" feature to prevent unwanted turning back

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
 - solder free
 - reliable activation/deactivation of the screw with clearly perceptible "click" after a $\frac{1}{4}$ turn
 - no accidental turning back 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
- With safety key.

Screw body: 9.8 mm

Maximum expansion: 7.0 mm

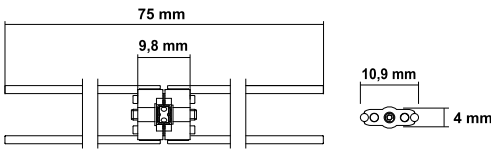
4 x $\frac{1}{4}$ turn: = 0.8 mm

Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
straight	602-830-10	1 piece	602-830-30	10 pieces
bent	602-831-10	1 piece	602-831-30	10 pieces

CE 0483



hyrax® click Medium – 10

RPE screw with the "Click" feature to prevent unwanted turning back

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
 - solder free
 - reliable activation/deactivation of the screw with clearly perceptible "click" after a $\frac{1}{4}$ turn
 - no accidental turning back 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
- With safety key.

Screw body: 12.8 mm

Maximum expansion: 10.0 mm

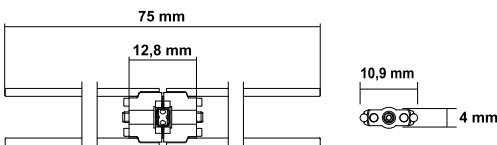
4 x $\frac{1}{4}$ turn: = 0.8 mm

Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
straight	602-832-10	1 piece	602-832-30	10 pieces
bent	602-833-10	1 piece	602-833-30	10 pieces

CE 0483



RPE screws



hyrax® click Maxi – 12

**RPE screw with the “Click” feature to prevent unwanted turning back
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
- solder free
- reliable activation/deactivation of the screw with clearly perceptible “click” after a $\frac{1}{4}$ turn
- no accidental turning back 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

With safety key.

Screw body: 14.8 mm

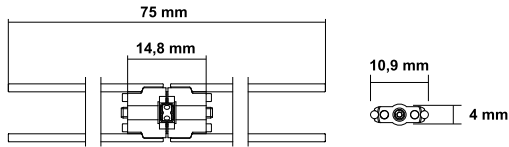
Maximum expansion: 12.0 mm

4 x $\frac{1}{4}$ turn: = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
straight	602-834-10	1 piece	602-834-30	10 pieces
bent	602-835-10	1 piece	602-835-30	10 pieces

CE 0483



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
- solder free
- break resistant retention legs, stable guidance throughout complete expansion
- the integrated spindle friction prevents unwanted turning back
- 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

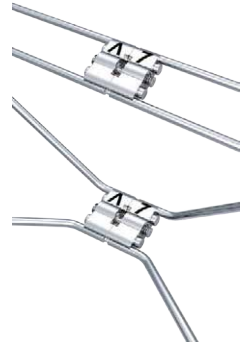
With safety key.

Screw body: 9.4 mm

Maximum expansion: 7.0 mm

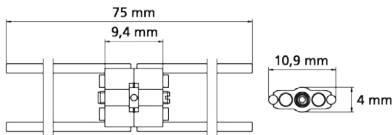
4 x 1/4 turn: = 0.8 mm

Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
straight	602-800-10	1 piece	602-800-30	10 pieces
bent	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
- solder free
- 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 turning back
- 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

With safety key.

Screw body: 12.4 mm

Maximum expansion: 10.0 mm

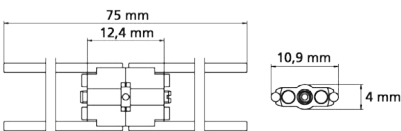
4 x 1/4 turn: = 0.8 mm

Material: stainless steel



Retention legs	REF	Quantity	REF	Quantity
straight	602-808-10	1 piece	602-808-30	10 pieces

CE 0483



Expansion screws

RPE screws



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
- solder free
- 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 turning back
- 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

With safety key.

Screw body: 14.4 mm

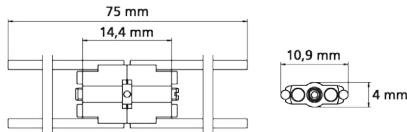
Maximum expansion: 12.0 mm

4 x 1/4 turn: = 0.8 mm

Material: stainless steel

Retention legs	REF	Quantity	REF	Quantity
straight	602-811-10	1 piece	602-811-30	10 pieces
bent	602-812-10	1 piece	602-812-30	10 pieces

CE 0483



Arrows 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
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Safety key

Can be used with all Dentaureum hyrax® and Variety screws.
For safe intraoral activation of the expansion screws in fixed appliances.

REF 611-120-01	10 pieces
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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
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Expansion screw sample kit

Filled with 32 expansion screws that are also available separately, 2 expansion screw keys and 1 universal bending key. **1 set = 35 pieces.**

REF 612-000-00	1 set
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CE 0483

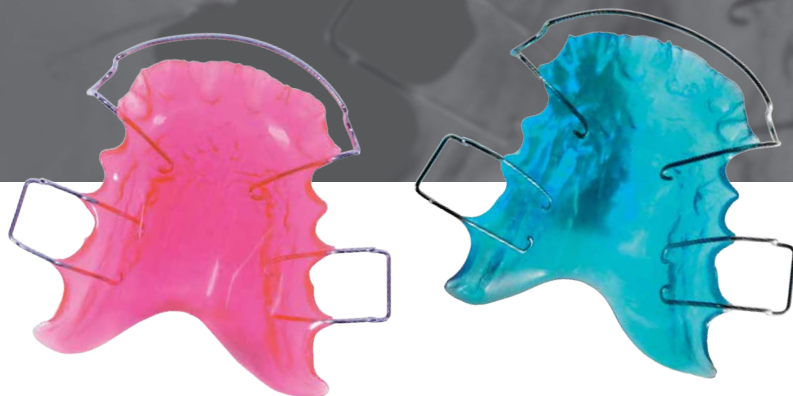


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Orthocryl® / Single packs	Page	344
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Novel designs	Page	347
Accessories	Page	351



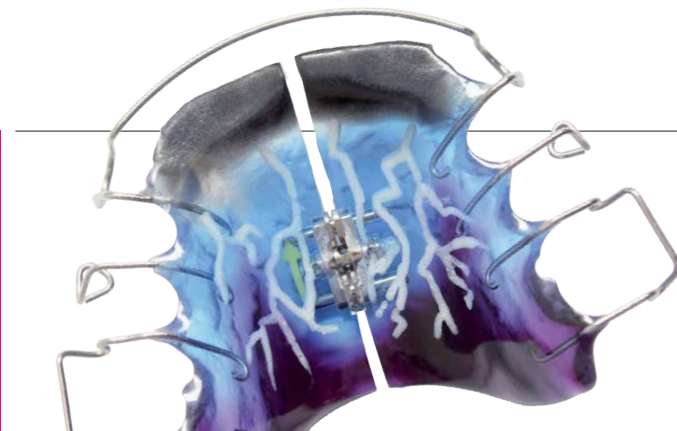
Orthodontic acrylics.

Vibrant colors – fascinating varieties.



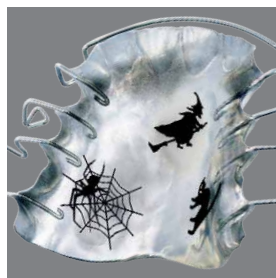
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The versatile acrylic system.

Orthocryl® has been a fixture in orthodontic laboratories for more than 50 years. For generations, it has combined excellent product characteristics and easy handling. When working with the Orthocryl® acrylic system, there are no limits to your creativity. Whether black, white or multicolored appliances, the Orthocryl® acrylic system offers an extensive product program and a wide range of vibrant colors. 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 extremely easy to use.



Orthocryl® LC

The light-curing acrylic.

Orthocryl®

Suited for the salt-and-pepper technique.

Orthocryl® EQ

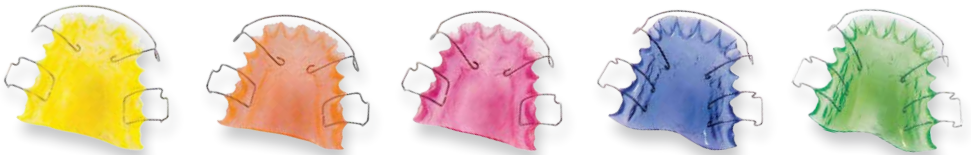
Suited for the doughing technique.

Orthocryl® black & white

High-contrast, versatile.

A wide range of field-proven accessories

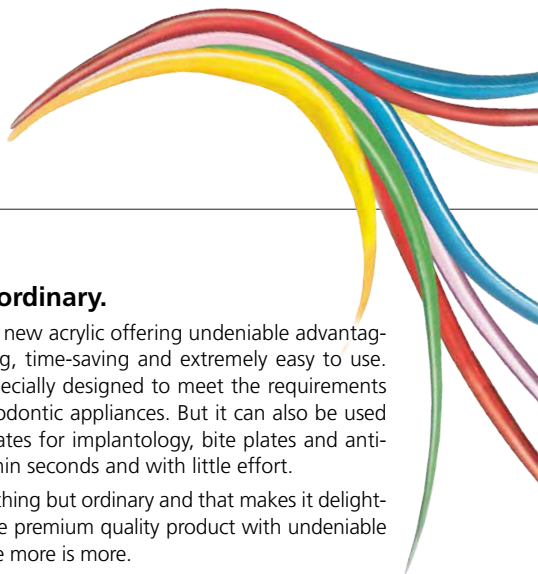
All from one source.



Orthocryl® LC



The light-curing acrylic for orthodontists.



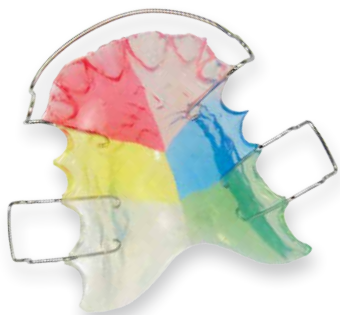
Anything but ordinary.

Orthocryl® LC is the new acrylic offering undeniable advantages – it is light-curing, time-saving and extremely 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. Because more is more.

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 mixed, doughed or salt-and-peppered anymore.

The material can be directly applied from the cartridge to the prepared model. The fitting 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 glitter or novel designs from the extensive Orthocryl® program makes each appliance unique.



Orthodontic acrylics

Orthocryl® LC / Starter sets



Orthocryl® LC starter set

Light-curing acrylic.

REF 160-400-10	1 assortment
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CC 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
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CC 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
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Cleaning liquid

For Orthocryl® LC.

REF 160-430-00	100 ml
REF 160-431-00	1000 ml



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 "The 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® assortment black & white

Contents:

- 1 x Orthocryl® powder (polymer), black (opaque), 60 g
- 1 x Orthocryl® powder (polymer), white (opaque), 60 g
- 2 x Spray nozzle for Orthocryl® powder (polymer, REF 162-751-00)

REF 160-200-00	1 assortment
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CE 0483



Orthocryl® Neon assortment

Brightly colored orthodontic acrylics

Neon-colored Orthocryl® powder (polymer) for producing brightly colored orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® liquid (monomer, REF 161-100-00 / 161-150-00).

Disco glitter can also be used to enhance the effect of the colors.

Note:

When using the salt-and-pepper technique, the colors appear to have a marbled effect, especially green and blue. When using the doughing technique, the colors are mixed thoroughly resulting in more even and brighter colors.

REF 160-000-00	1 assortment
CE 0483	
Contents:	
200 g neon orange	REF 160-006-00
200 g neon yellow	REF 160-007-00
200 g neon blue	REF 160-008-00
200 g neon hot pink	REF 160-009-00
200 g neon green	REF 160-010-00
500 ml Orthocryl® liquid (monomer), clear	REF 161-100-00
6 x Spray bottle	REF 162-100-00



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

Powder (polymer)

Neon-colored Orthocryl® powder (polymer) for producing brightly colored orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® liquid (monomer, REF 161-100-00 / 161-150-00). Disco glitter can also be used to enhance the effect of the colors.

Note:

When using the salt-and-pepper technique, the colors appear to have a marbled effect, especially green and blue.

When using the doughing technique, the colors are mixed thoroughly resulting in more even and brighter colors.

Color	REF	Quantity	REF	Quantity
neon orange	160-006-00	200 g	160-001-00	1 kg
neon yellow	160-007-00	200 g	160-002-00	1 kg
neon blue	160-008-00	200 g	160-003-00	1 kg
neon hot pink	160-009-00	200 g	160-004-00	1 kg
neon green	160-010-00	200 g	160-005-00	1 kg

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				
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
green	1 : 20	161-621-00	100 ml
blue	1 : 50	161-622-00	100 ml
yellow	1 : 25	161-623-00	100 ml
black-violet	1 : 5 to 1 : 10	161-624-00	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 : 20 (green)	100 ml	5 ml	50 ml	2.5 ml
1 : 50 (blue)	100 ml	2 ml	50 ml	1 ml
1 : 25 (yellow)	100 ml	4 ml	50 ml	2 ml
1 : 5 – 1 : 10 (black-violet)	100 ml	20 – 10 ml	50 ml	10 – 5 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



Novel designs / 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



Novel designs "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.

Design	REF	Quantity
Football	160-100-39	1 sheet = 20 pieces



CE

Novel designs "Beaver"

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Design	REF	Quantity
Beaver	160-100-40	1 sheet = 20 pieces



CE

Novel designs "Black Edition"

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Design	REF	Quantity
Black Edition	160-100-41	1 sheet = 12 designs



CE

Novel designs

Novel designs

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



Design	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

CE

Novel designs

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



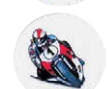
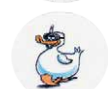
Design	REF	Quantity
Crocodile	160-100-01	20 pieces
Frog	160-100-02	20 pieces
Parrot	160-100-04	20 pieces

CE

Novel designs

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.

Design	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



Novel designs

Novel designs

For placing in orthodontic appliances. For polymerizing into Orthocryl® acrylic, allowing removable orthodontic appliances to be fabricated to suit individual patient preferences.



Design	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 bowls 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



Funnel

REF 162-600-00	1 piece
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Measuring beaker

REF 162-200-00	1 piece
----------------	---------



Dispensing pipette

For Orthocryl® color concentrates.

REF 162-101-00	10 pieces
----------------	-----------



Accessories



Separating medium

Special alginate-based separating 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



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

Burs for acrylics**with mill tothing cut, straight**

- cutting properties

Application: acrylics

Maximum 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 tothing cut, coarse**

- high precision milled
- best cutting properties

Application: plaster, acrylics

Recommended speed: 15000–20000 min⁻¹

Maximum 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 burs and cutters

with cross toothing 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, end hemispherical	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 burs

with cross toothing 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 burs

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.

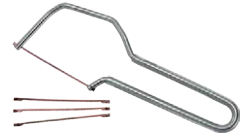
Small saw with replaceable blades.

Contents:

Saw incl. 3 saw blades

REF 180-702-00

1 piece



Saw blades

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.

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 brushes, 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” acrylic dry polishing paste

REF 190-100-00

80 g



“Edelweiss” acrylic polishing liquid

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



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
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Expansion kit

For FKO-split-post fixator.

To produce a horizontally split functional appliance, as well as correct positioning of the models parallel to the occlusal plane. The horizontal dividing mirror is made of highly corrosion-resistant stainless steel, thus producing a smooth and shiny acrylic surface when applied to the upper and lower jaws. The appliance does not have to be touched up after polymerization.

REF 072-006-00	1 piece
-----------------------	---------



Polyclav®

Pressure vessel for polymerizing cold-curing resins

such as Orthocryl®.

With safety valve.

Pressure hose not included.

Capacity: 4 l

REF 070-000-00	1 piece
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Pressure hose

For Polyclav® (REF 070-000-00).

Length: 2 m

With plug nipple to fit inlet valve and standard connection for compressed air sockets.

REF 070-700-00	1 piece
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Heating plate

For Polyclav® (REF 070-000-00).

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 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 vapour 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, 400 ml
- 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
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Cleaning pins for activeblue®

For activeblue® cleaning unit.

REF 098-001-00	1 jar of 75 g
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activefluid® cleaning fluid

For activeblue® cleaning unit.

REF 150-020-00	1.000 ml
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Accessories



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

CE⁰¹²¹



A series of 20 horizontal lines spaced evenly down the page, providing a template for writing or drawing.

Premium-Line pliers /
Fixed appliance technique

Page 366

Premium-Line pliers /
Removable appliance technique

Page 374



Premium-Line pliers.

Premium quality – premium function.



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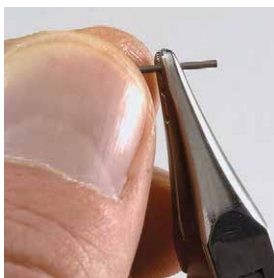


One program to cover all areas.

Whether for the removable orthodontic techniques or prosthetics, the Dentaurem pliers' program includes instruments to serve all standard requirements. The user can always trust in consistent quality and reliability. This ensures quicker, more effective use.

Made in Germany.

Highly experienced craftsmanship and state-of-the-art machinery have been used to produce these high quality pliers which remain true to the tagline "Made in Germany". For this reason, Dentaurem'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 separate instruction REF 989-590-20.

Premium-Line pliers / Fixed appliance technique



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

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

CE



Plastic inserts sterilizable

For bracket removing pliers, REF 003-349-00 and 045-005-00.

REF 038-356-00	4 pieces
----------------	----------

CE



Bracket removing pliers, angled sterilizable

For easy removal of lingual brackets and brackets in the posterior region.

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

CE



Rubber inserts sterilizable

For bracket removing pliers, REF 004-349-00.

REF 037-355-00	2 pieces
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CE

Premium-Line pliers / Fixed appliance technique

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

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



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

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

CE



Premium-Line pliers / Fixed appliance technique



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



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: \boxtimes 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-701-00	1 piece
----------------	---------



Distal end cutter Mini sterilizable

With longer 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: \boxtimes 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-702-00	1 piece
----------------	---------



Distal end cutter Maxi sterilizable

For shortening the archwire ends in the multi-bracket
technique. Robust design. Wire holder.
Inserts made of hard metal. Repair service available.

Length: 12.0 cm

Max. wire thickness: \boxtimes 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-700-00	1 piece
----------------	---------



Flush Cutter Mini with silicone O-ring sterilizable

For shortening round wires in the multi-bracket technique.
Elastic wire holder due to silicone O-ring, REF 037-356-00.
Inserts made of hard metal.

Length: 11.7 cm

Max. wire thickness: \varnothing 0.50 mm / 20

Premium-Line · 10 year guarantee

REF 003-705-00	1 piece
----------------	---------



Premium-Line pliers / Fixed appliance technique

**Flush Cutter Maxi with silicone O-ring
sterilizable**

With longer handle for easier handling when shortening round wires in the multi-bracket technique.

Elastic wire holder due to silicone O-ring, REF 037-356-00.

Inserts made of hard metal.

Length: 14.2 cm

Max. wire thickness: \varnothing 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: \varnothing 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: \varnothing 0.4 mm, soft

Premium-Line · 10 year guarantee

REF 014-152-00

1 piece

CE

**Side cutter Medium
sterilizable**

Black anodized. 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

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

CE



Premium-Line pliers / Fixed appliance technique



Begg light wire pliers

sterilizable

For especially fine wire bending in the light wire technique. Additional cutting device. Inserts made of hard metal.

Max. wire thickness: \varnothing 0.5 mm, spring hard

Premium-Line · 10 year guarantee

REF 004-130-00

1 piece

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

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

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

CE



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

Premium-Line pliers / Fixed appliance technique

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



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



Premium-Line pliers / Fixed appliance technique



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/SUS² crimping pliers sterilizable

For clamping slotted spacers for Herbst TS and SUS².

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



Face bow bending pliers Magnum sterilizable

Ideal for bending the outer bows of a face bow.

Max. wire thickness: $\varnothing 1.8$ mm

Premium-Line · 10 year guarantee

REF 003-180-01	1 piece
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CE

Premium-Line pliers / Fixed appliance technique

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
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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, \square 0.41 x 0.56 mm / 16 x 22

Premium-Line · 10 year guarantee

REF 003-355-00	1 piece
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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, \square 0.48 x 0.64 mm / 19 x 25

Premium-Line · 10 year guarantee

REF 003-205-00	1 piece
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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
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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
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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 that can be replaced in the factory.

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 that can be replaced in the factory.

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 bending 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
----------------	---------

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

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
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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.
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 bending 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

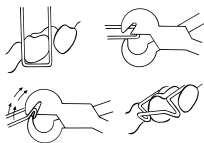


Pliers / Removable appliance technique



Adams clasp bending pliers

Special pliers for easy forming of Adams clasps.
Max. wire thickness: \varnothing 0.7 mm, hard



REF 012-523-00

1 piece



Heavy gauge side cutter Magnum

Little force required for cutting through large size wires due to special design.
We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!
Max. wire thickness: \varnothing 1.3 mm, hard

REF 044-177-00

1 piece



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

NEW



Ligature cutter, lingual sterilizable

Max. wire thickness: \varnothing 0.35 mm / 14

REF 014-153-00

1 piece

CE

NEW

Lip retractor

sterilizable, minimum 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
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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
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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
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CE



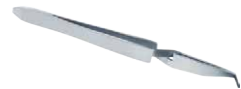
Crimping tweezers

sterilizable

Special tweezer design for easy bracket and buccal tube placement.

REF 025-280-00	1 piece
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CE



discovery® pearl debonding instrument

sterilizable

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

REF 019-001-00	1 piece
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CE



Instruments



sl instrument
sterilizable

For opening and closing self-ligating **discovery® sl brackets**, system Roth, and easier ligation of the archwire.

Handle color: gold

REF 023-276-00	1 piece
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sl instrument
sterilizable

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

Handle color: silver

REF 023-277-00	1 piece
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* 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.



LinguBall instrument
sterilizable

For easy and gentle removal of excess adhesive during direct and indirect bonding in the buccal technique and the lingual technique.

REF 023-275-00	1 piece
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Scaler double ended
sterilizable

For removing adhesive and cement residues. Serrated band seater on the other end.

REF 027-349-00	1 piece
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Separating strip holder
sterilizable

Holding instrument for separating strips. For smoothing and separating protruding edges of fillings. Including 6 separating strips (double-sided).

REF 018-000-00	1 set
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Separating strips
sterilizable

For separating strip holder REF 018-000-00.

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
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CE

**Band seater
sterilizable**

With large surface tin inlay.

REF 003-006-00	1 piece
----------------	---------

CE



Instruments



Molar band seater

sterilizable to a maximum of 140 °C / 284 °F

With replaceable plastic head and hard metal triangular tip.

REF 026-354-00

1 piece



Plastic head with triangular hard metal tip

sterilizable to a maximum of 140 °C / 284 °F

For molar band seater, REF 026-354-00.

REF 026-357-00

1 piece



Mershon band pusher

acc. to Mershon

sterilizable

With serrated rectangular tip and anatomically formed grip for good transfer of force when positioning bands.

REF 024-300-00

1 piece



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



Bracket positioning gauge

Simplifies seating the brackets on the teeth in the correct distance between bracket slot and incisal edge.

With pencils.

Not approved for intraoral use!

REF 030-391-00

1 piece



Safety caps

For bracket positioning gauge, REF 030-391-00.

Not approved for intraoral use!

Color: white

REF 030-392-00

4 pieces

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



Instruments



Dental mirror with reference lines (assembled), lingual sterilizable

REF 023-279-00	1 piece
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CE

NEW



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

REF 023-279-10	1 piece
----------------	---------

CE

NEW



Positioning tool, lingual sterilizable

REF 023-278-00	1 piece
----------------	---------

CE

NEW



Ligator sterilizable

An 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 023-284-00	1 piece
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CE



Accessories for ligator (REF 023-284-00) sterilizable

Designation	REF	Quantity
Hard metal tip	023-286-00	1 piece
Spool	023-285-00	1 piece
Srew	023-287-00	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

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

CE



Instruments



Arch turret without torque

For forming flat, plain arches made of rectangular wires.

For rectangular wires:

- ☑ 0.41 mm / 16
- ☑ 0.43 mm / 17
- ☑ 0.46 mm / 18
- ☑ 0.51 mm / 20
- ☑ 0.56 mm / 22

Color: blue

REF 004-180-00

1 piece



Arch turret with torque / 16

For forming flat or angulated (torque) rectangular arches.

☑ 0.41 x 0.41 mm / 16 x 16

in 0°, 7°, 10°, 13° and 16° Torque

Color: red

REF 004-186-00

1 piece



Arch turret with torque / 16 x 16

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

REF 004-187-00

1 piece



Arch turret with torque / 18

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

REF 004-182-00

1 piece



Arch turret with torque / 22

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

REF 004-184-00

1 piece

LinguForm arch turret

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.

Not approved for intraoral use!

Pressure side with guide slot and fork. Tension side with hook.

Measuring scales on pressure and tension sides.

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



Diagnostics



Dental vernier

acc. to Beerendonk

With fine, long tips. Suitable for measurements on the model.

REF 042-750-00

1 piece



Dental vernier (Münchner design)

With extra delicate tips.

Suitable for width and distance measurements on the model.

REF 042-751-00

1 piece



Ruler

acc. to Bernklau

sterilizable

Material: stainless steel

Perfect for all diagnostic measurements,

both intraoral and on the model.

REF 044-730-01

1 piece

CE



Wedge gauge

For checking the gap width on palatal expanders.

REF 043-720-00

1 piece



Ruler

Material: plastic

For measuring labial arches, Adams clasps, palatal bars, etc.

Color: white

REF 766-000-00

1 piece



Ruler (Münchner design)

sterilizable

Material: stainless steel

With 1/2 mm and mm increments.

Length: 15.0 cm

REF 044-731-00

1 piece

CE



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

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

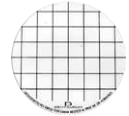


Centimeter disc

For Orthometer kit acc. to Korkhaus, REF 029-360-01.

REF 029-362-00

1 piece

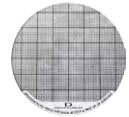


Millimeter disc

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 intraoral 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 intraoral use!

REF 030-395-02

1 piece



Diagnostics



Tip for bow divider

For bow divider, REF 030-395-02.

REF 030-396-00

1 piece



Locking screw

For bow divider, REF 030-395-02.

REF 030-397-00

1 piece



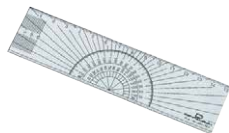
Cephalometric tracing kit

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



Diagnostic Ruler-Protractor

Material: plastic

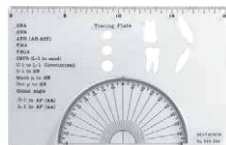
For evaluation of radiographs.

Dimensions: 153 x 38 mm

Color: transparent

REF 004-367-00

1 piece



Tracing-protractor template, standard

Material: plastic

With protractor and tooth symbols.

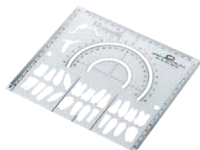
For evaluation of radiographs.

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

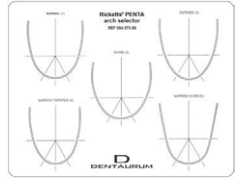
For determining the Penta archwire shape.

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



Tracing foil block

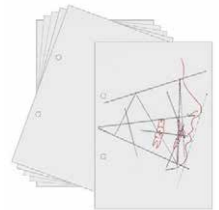
For tracing and filing of radiographs.

One side mat, other side shiny.

Dimensions: 18 x 24 cm

REF 075-102-00

50 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 units have 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.

Welding and soldering technology.

We offer a wide range of equipment for all types of metal joining in orthodontics, from mini gas burners to high-tech laser welding technology. The respective soldering and welding accessories as well as other aids are coordinated with the technologies used.



desktop Compact

Universal laser welding unit.

Spot welding units

Junior 3000, Assistant 3000 and Master 3000.

Mini torch

Compact and effective.

Dual wheel model trimmer

Beautiful models – trimmed quickly and cleanly.

Thermomat

Electric wax knife with various attachments.

Suction unit

For protection from vapour 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, relating to 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 developmental experience and close collaboration with orthodontists and their requirements.

Modern technology – excellent working results.

Due to the modern electronic components used together with high quality mechanical elements, Dentaurum's welding units achieve excellent welding and soldering results. For example, the electronic welding adjustments or the extra wide hand rests 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 medium use frequency.

With the Assistent 3000, excellent results can be efficiently achieved with average use.

This unit's special features, amongst others, are:

- 6 welding settings and 2 soldering settings.

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. In comparison with traditional soldering you save 80 % of your time. You can carry out new fabrications and repair jobs better and faster by using a dental laser.

Highest degree of biocompatibility.

Due to their high susceptibility to corrosion, biocompatibility in solder joints is rated rather low. This is the reason why metallurgists and toxicologists have recently taken a very critical stand towards the traditional soldering method. This problem is further aggravated by increasing occurrences of allergic reactions. By using the laser welding technique, you can avoid this issue.



Highest stability.

Contrary to soldering, laser welding produces a uniform and very homogeneous structure. Your laser-welded connections present a significantly higher mechanical resistance and are more durable. This means more security and quality for your dentist and his patients.

Broad spectrum of application.

With laser welding entering into the field of dental joining techniques the spectrum of application has been considerably improved and expanded. The desktop Compact is also well suited for metal joints in orthodontics.

Whether you want to process precious metal alloys with a high gold content, non-precious alloys, or titanium, you cover the whole range of dental materials, using laser welding.

The ergonomics – extremely user friendly.

A special characteristic feature of all Dentaurem lasers is their special ergonomic design. Working becomes a relaxed and easy affair for you.

- Dentaurem lasers show their excellent ergonomics in the optimal inclination of the laser axis. Thereby you do not only 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. That means: 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 welding fusion with high stability.

Equipment and accessories



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 at 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.

Power voltage	REF	Quantity
230 V~	090-578-50	1 piece

Technical data

max. Power	50 W
Peak pulse output	5000 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

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 cushions

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	Ta	Fe
61.0	22.0	9.0	2.0	2.0	1.0

Additional elements ≤ 1 %: Al, Co, Mn, Si, 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 (Titanium 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.

Recommended as reinforcing wire for fixed titanium RPE appliances (Titan hyrax® Maxi – 12).

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 pressed	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	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	to 2000 A
Welding stages	6 stages
Soldering stages	2 stages, continuous welding
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	to 2200 A
Welding stages	stageless
Soldering stages	stageless, continuous welding
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, single

Suitable for all Dentaureum 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 Dentaureum spot welding units.

- copper casing

REF 081-601-00

1 piece



Electrode, notched, for hand electrode

Suitable for all Dentaureum spot welding units.

- for soft-annealing, tempering and welding

REF 081-501-00

2 pieces



Clamping electrode for hand electrode

Suitable for all Dentaureum 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 Dentaorium 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



Screwdriver

- for replacing electrodes on all Dentaorium spot welding units

REF 083-100-00

1 piece



Files

- for cleaning copper and carbon electrodes on spot welding units

REF 083-300-00

10 pieces



Heat protection

Protects metal, plastic and ceramic parts against heat damage during soldering.

REF 380-070-00

100 g



Dentaflux® flux

- universal flux
- for all alloys
- especially for connections between precious and non-precious alloys

REF 681-100-00

50 g



Equipment and accessories



Universal silver solder

- in rods
- ready fluxed
- cadmium free

∅	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

CE 0483

Composition (percentage by mass)

Ag	Zn	Cu
59.0	24.0	16.0

with flux



Universal silver solder

- in coils
- without flux
- cadmium free

Working temperature	700 °C / 1292 °F
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REF 380-704-50	10 g
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CE 0483

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

∅	1–1.1 mm
Working temperature	950 °C / 1742 °F

REF 380-600-50	1.6 g
-----------------------	-------

CE 0483

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, 400 ml
- 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 polymerizing cold-curing resins such as Orthocryl®.
With safety valve.

Pressure hose not included.

Capacity	REF	Quantity
4 l	070-000-00	1 piece



Heating plate

For Polyclav® (REF 070-000-00).

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 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 x 240 x 75 mm



Pressure hose

For Polyclav® (REF 070-000-00).

Length: 2 m

With plug nipple to fit inlet valve and standard connection
for compressed air sockets.

REF 070-700-00	1 piece
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Suction apparatus with charcoal filter

For protection against vapour 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

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
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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
115 V~	089-611-00	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 tips 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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Glossary of Orthodontic Terms.

John Daskalogiannakis

Editorial Board:

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The **Glossary of Orthodontic Terms** is an indispensable source of reference for orthodontists, orthodontic residents and dental students as well as for specialists in related fields of medicine who work in close collaboration with orthodontists. It clearly presents the most commonly used terms and clinically relevant and concise information in a single volume and is the ultimate reference book on current orthodontic knowledge.

International orientation.

In preparing the different topics, the main focus was on an internationally oriented presentation thus creating an excellent base for international collaboration within the orthodontic community and simplifying communication.

The series is available in 6 languages:



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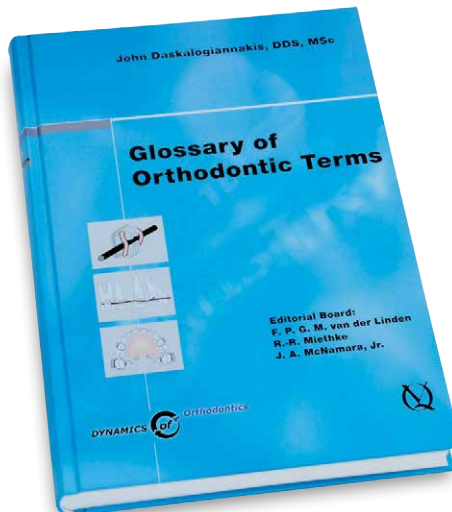
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A reference guide to orthodontics.

With numerous illustrations and diagrams.

- 296 pages.
- 2800 terms.
- 350 illustrations.
- Format: 17 x 24 cm





The unique reference for removable appliances.

www.o-atlas.de

The atlas of removable appliances.

The o-atlas presents the entire range of current removable appliance techniques. Even less commonly used techniques are included, making the o-atlas a comprehensive reference work. With numerous illustrations and individual photos combined with clear, relevant text the o-atlas is an indispensable reference for anyone who wants to optimize treatment results.

- Over 750 photographs.
- Comprehensive reference work for the removable technique.
- 297 pages.
- Format: 22 x 30 cm

Order now – ordering information:

Book – German	out of stock
Book – English	REF 903-920-20
Book – Spanish	REF 903-920-40
Book – Polish	REF 903-920-90



Online reference guide

The o-atlas is also available online at www.o-atlas.de.



Online media library.

Video instructions on the internet.

www.dentaurum.com/eng/media-library

See how it works.

High quality video clips and animations explaining our products step by step are available in our media library at www.dentaurum.com.

- More than 50 minutes worth of film and animation in top quality on orthodontics.
- 20 video clips on processing Orthocryl®.
- Video clips on the installation, activation and removal of the SUS² – Sabbagh Universal Spring.
- Presentation of new products.





discovery® delight



Expansion Screws



Orthocryl® LC acrylic system



Orthocryl® Acrylic system



discovery® pearl



SUS² - Class II appliances

Download center.

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Patient consultation.

Successful treatment with the right consultation.

Patient consultation made easy.

For a course of treatment to be successful, patients need the right consultation and professional demonstration material.

We offer a wide range of information material to support you in your daily consultations with patients.

Posters, patient information brochures, demonstration models, smartphone apps – we have them all.





Appliance configurator.

Creating customized appliances on your smartphone.

Patient consultation done differently.

Design your own removable brace on your smartphone: choose from 14 colors, 6 kinds of glitter and 38 cool motives and put your favorites together. Or just shake your smartphone and see what design comes up. Then either send your design by email, share it on Facebook or simply file it on your phone. Take a look at some of the particularly trendy braces in the gallery.

The app is not only free of charge but also provides lots of entertainment and can be used during patient consultations. It's an absolute must-have for the modern dental practice.

Available in various languages.

The app is now available in German, English, Spanish, Chinese, Russian and Arabic.







Courses.



Knowledge connects.

20 YEARS
Centrum Dentale Communicatie



20 years of high quality training courses
in a modern environment.



Long term course experience.

The CDC, established in 1996, stands for long term experience in organizing and holding professional trainings and events. In 2016, CDC will be celebrating its 20th anniversary and it has long become recognized on the market as a training venue that is both modern and geared to the future. Yet the idea of passing knowledge on to others in the form of courses goes back to the year 1910. Back then, the courses were on metal and porcelain technology. Today, more than 100 different course subjects are on offer at CDC.

Further education as an event.

The CDC – Centrum Dentale Communicatie – in Ispringen is more than just a venue – modern furnishing, learning in a relaxed environment and corresponding 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.

Recognized lecturers.

Our lecturers have time for you! Small groups and a highly motivated and competent team of lecturers guarantee that the course can be adapted to suit your requirements.

Courses and events from the Dentaaurum Group – 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.



www.dentaaurum.com

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Dentaurum service.

Added value – advice and support.



Bracket systems – information

Chart of various “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°	- 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 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.

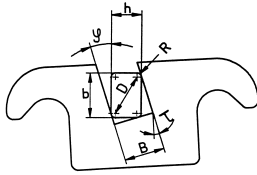
Note:

No responsibility is taken for accuracy of this information, systems are subject to change!

Bracket systems – information

Tables for the determination of the effective torque τ_{eff}

From these tables the user can see the effective torque τ_{eff} values achieved by applying different sizes of square and rectangular wires in the bracket slot. The effective torque values have been calculated with the formulas given (F. Sernetz, Kieferorthop. Mitteilungen 7:13-26 / 1993) already having considered the necessary minimal edge rounding R (R = 0.03 mm) as well as the nominal sizes for orthodontic square and rectangular wires, as defined in the German standard DIN 13971. Even though the new international standard DIN EN ISO 15841:2007-01 no longer prescribes dimension tolerances for square wires, Dentaforum continues to supply wires according to the previous, stricter standard DIN 13971:1998-01. A slot width of 0.47 mm and 0.57 mm has been assumed as the bracket slot value in the tables. These values represent the typical effective slot widths of Dentaforum 18 and 22 brackets, which are accepted by DIN 13971-2:2000-01 with a slot width of 0.46 + 0.04 and 0.56 + 0.04 mm.



$$\tau_{\text{eff}} = \tau - \varphi \quad (3)$$

$$\varphi = \arccos \frac{h-2R}{D} - \arccos \frac{B-2R}{D} \quad (4)$$

$$D = \sqrt{(b - 2R)^2 + (h - 2R)^2} \quad (5)$$

$$D_{\text{eff}} = D + 2R \quad (6)$$

Explanation of symbols in Fig 1:

τ_{eff} = effective torque (angle in degrees)

τ = nominal torque (angle in degrees)

φ = theoretical torque play (angle in degrees)

h = height of the rectangular wire (in mm)

b = width of the rectangular wire (in mm)

B = slot width (in mm)

R = radius of the edge rounding (in mm)

D = diagonal measure, edge rounding deducted (in mm)

D_{eff} = real diagonal measure (in mm)

Slot width B = 0.46 mm / 18		Torque	Bracket torque τ (angle degree)								
Wire dimension		Play φ	1	3	5	7	11	14	17	22	25
Term	Nominal size (mm)	(Angle degree)	Effective torque τ_{eff} (angle degree)								
16 x 16	0.41 x 0.41	10.9	0	0	0	0	0.1	3.1	6.1	11.1	14.1
16 x 22	0.41 x 0.56	7.2	0	0	0	0	3.8	6.8	9.8	14.8	17.8
17 x 17	0.43 x 0.43	6.6	0	0	0	0.4	4.4	7.4	10.4	15.4	18.4
17 x 22	0.43 x 0.56	4.7	0	0	0.3	2.3	6.3	9.3	12.3	17.3	20.3
17 x 25	0.43 x 0.64	4.0	0	0	1.0	3.0	7.0	10.0	13.0	18.0	21.0
18 x 18	0.46 x 0.46	1.5	0	1.5	3.5	5.5	9.5	12.5	15.5	20.5	23.5
18 x 22	0.46 x 0.56	1.2	0	1.8	3.8	5.8	9.8	12.8	15.8	20.8	23.8
18 x 25	0.46 x 0.64	1.0	0	2.0	4.0	6.0	10.0	13.0	16.0	21.0	24.0

Slot width B = 0.56 mm / 22		Torque	Bracket torque τ (angle degree)								
Wire dimension		Play φ	1	3	5	7	11	14	17	22	25
Term	Nominal size (mm)	(Angle degree)	Effective torque τ_{eff} (angle degree)								
16 x 22	0.41 x 0.56	21.7	0	0	0	0	0	0	0	0.3	3.3
17 x 17	0.43 x 0.43	32.1	0	0	0	0	0	0	0	0	0
17 x 22	0.43 x 0.56	18.6	0	0	0	0	0	0	0	3.4	6.4
17 x 25	0.43 x 0.64	15.3	0	0	0	0	0	0	1.7	6.7	9.7
18 x 18	0.46 x 0.46	19.4	0	0	0	0	0	0	0	2.6	5.6
18 x 22	0.46 x 0.56	14.1	0	0	0	0	0	0	2.9	7.9	10.9
18 x 25	0.46 x 0.64	11.8	0	0	0	0	0	2.2	5.2	10.2	13.2
19 x 25	0.48 x 0.64	9.5	0	0	0	0	1.5	4.5	7.5	12.5	15.5
21 x 21	0.53 x 0.53	5.1	0	0	0	1.9	5.9	8.9	11.9	16.9	19.9
21 x 25	0.53 x 0.64	4.1	0	0	0.9	2.9	6.9	9.9	12.9	17.9	20.9
21 x 28	0.53 x 0.70	3.7	0	0	1.3	3.3	7.3	10.3	13.3	18.3	21.3
21.5 x 25	0.55 x 0.64	2.0	0	1.0	3.0	5.0	9.0	12.0	15.0	21.0	23.0
21.5 x 28	0.55 x 0.70	1.8	0	1.2	3.2	5.2	9.2	12.2	15.2	20.2	23.2

Prewelding 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 through 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.

- To place your order, contact us directly or via your local sales representative.
- 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.

Ordering procedure.

- **Ask for the prewelding order form.**
To allow quick and reliable processing, always use our welding service forms.
- **Personal card for welding service with ordering variant.**
We would be pleased to assist you at any time.
Your personal system card is drawn up to your own requirements and specifications.
- **Finished bands.**
You then receive your welded bands packed in mini grip bags with a complete statement of the contents.

Prewelding service – banding technique

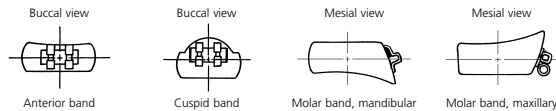
Standard and custom prewelding service.

We provide the choice of a standard or custom prewelding service. Brackets and buccal tubes are welded onto the band according to conventional systems.

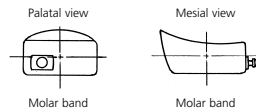
Standard prewelding service.

The Edgewise technique, e.g. Standard Edgewise, Roth, McLaughlin-Bennett-Trevisi* etc. are available. Bands prewelded according to systems Roth 18 and Roth 22 are available from Stock.

Edgewise.

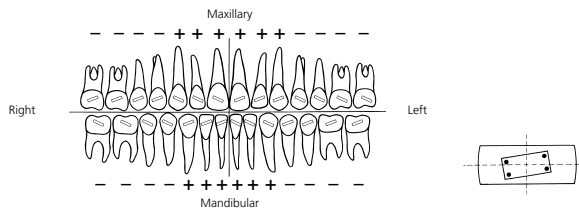


Palatal, lingual attachments.



Custom prewelding service.

Brackets and buccal tubes are welded onto the bands according to your requirements, e.g. 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 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.

Prewelding 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkälrohrcchen Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band Palatal attachment Position on band	Bukkälrohrcchen für die Adhäsivtechnik/ Bondable tubes
							Anti Rotation		
3 3 13 - 23	R distal gingival mesial L distal gingival	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-259-02 (0,6k) REF 790-264-02 (0,6k) Links/left REF 790-260-02 (0,6k) REF 790-205-02 (0,6k)	- 2°	+ 13°	0,7		REF 750-602-10 central	
4 4 14 - 24	R distal gingival mesial L distal gingival occlusal	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-206-02 (0,6k) REF 790-249-02 (0,6k) Links/left REF 790-206-02 (0,6k) REF 790-250-02 (0,6k)	- 7°	0°	0,7		REF 750-602-10 central	
5 5 15 - 25	R distal gingival mesial L distal gingival occlusal	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-206-02 (0,6k) REF 790-249-02 (0,6k) Links/left REF 790-206-02 (0,6k) REF 790-250-02 (0,6k)	- 7°	0°	0,7		REF 750-602-10 central	
6 6 16 - 26	R distal gingival mesial L distal gingival occlusal	dentaform® dentaform® Snap 1 ^o Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-266-00 Links/left REF 724-267-00	occlusal - 14°	0°	0,3	14°	REF 750-602-10 central	Rechts/right REF 818-211-16 Links/left REF 818-211-26
7 7 17 - 27	R distal gingival mesial L distal gingival occlusal	dentaform® 2 ^o Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-233-00 Links/left REF 724-233-00	- 14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-232-51 Links/left REF 724-233-51

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Roth 18

Slot: 0.46 x 0.76 mm / 18 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkälrohrcchen Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band Lingual attachment Position on band	Bukkälrohrcchen für die Adhäsivtechnik/ Bondable tubes
							Anti Rotation		
2 1 2 42-41-31-32	R distal incisal mesial L distal gingival	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-207-02 Links/left REF 790-207-02	- 1°	0°	1,3		Setzlasche/Seating lug central	
3 3 43 - 33	R distal incisal mesial L distal gingival	Standard Eckzahn Cuspiden No. 1–21	Rechts/right REF 790-261-02 (0,6k) REF 790-208-02 (0,6k) Links/left REF 790-262-02 (0,6k) REF 790-209-02 (0,6k)	- 11°	+ 7°	0,7		REF 750-602-10 central	
4 4 44 - 34	R distal gingival occlusal L distal gingival	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-210-02 (0,6k) REF 790-251-02 (0,6k) Links/left REF 790-210-02 (0,6k) REF 790-252-02 (0,6k)	- 17°	0°	0,7		REF 750-602-10 central	
5 5 45 - 35	R distal gingival occlusal L distal gingival	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-211-02 (0,6k) REF 790-253-02 (0,6k) Links/left REF 790-211-02 (0,6k) REF 790-254-02 (0,6k)	- 22°	0°	0,7		REF 750-602-10 central	
6 6 46 - 36	R distal gingival occlusal L distal gingival	dentaform® dentaform® Snap 1 ^o Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-270-00 Links/left REF 724-271-00	gingival - 30°	0°	0,3	4°	REF 750-602-10 central	Rechts/right REF 818-211-46 Links/left REF 818-211-36
7 7 47 - 37	R distal gingival occlusal L distal gingival	dentaform® 2 ^o Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-014-00 Links/left REF 724-015-00	gingival - 30°	0°	0,3	12°	REF 750-602-10 central	Rechts/right REF 724-014-51 Links/left REF 724-015-51

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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
		Bandtype/size	Brackets Buccal tubes						
3 3 13 - 23	R distal gingival mesial L distal gingival occlusal	Standard Eckzahn Cuspid	Rechts/right REF 790-263-02 (0,81) REF 790-215-02 (0,81) Links/left REF 790-264-02 (0,81) REF 790-217-02 (0,81)	- 2°	+ 13°	0,7		REF 750-602-10 central	
		No. 1–25	Rechts/right REF 790-218-02 (0,81) REF 790-243-02 (0,81) Links/left REF 790-218-02 (0,81) REF 790-244-02 (0,81)					REF 750-602-10 central	
4 4 14 - 24	R distal gingival mesial L distal gingival occlusal	Standard Prämolaren Bicuspiden	Rechts/right REF 790-218-02 (0,81) REF 790-243-02 (0,81) Links/left REF 790-218-02 (0,81) REF 790-244-02 (0,81)	- 7°	0°	0,7		REF 750-602-10 central	
		No. 1–32	Rechts/right REF 790-218-02 (0,81) REF 790-243-02 (0,81) Links/left REF 790-218-02 (0,81) REF 790-244-02 (0,81)					REF 750-602-10 central	
5 5 15 - 25	R distal gingival mesial L distal gingival occlusal	Standard Prämolaren Bicuspiden	Rechts/right REF 790-218-02 (0,81) REF 790-243-02 (0,81) Links/left REF 790-218-02 (0,81) REF 790-244-02 (0,81)	- 7°	0°	0,7		REF 750-602-10 central	
		No. 1–32	Rechts/right REF 790-218-02 (0,81) REF 790-243-02 (0,81) Links/left REF 790-218-02 (0,81) REF 790-244-02 (0,81)					REF 750-602-10 central	
6 6 16 - 26	R distal gingival mesial L distal gingival occlusal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–32	Rechts/right REF 724-268-00	- 14°	0°	0,3	14°	REF 750-602-10 central	Rechts/right REF 822-211-16 Links/left REF 822-211-26
		Standard Molar Bands No. 1–32	Links/left REF 724-269-00					Rechts/right REF 724-214-00 Links/left REF 724-215-00	REF 750-602-10 central
7 7 17 - 27	R distal gingival mesial L distal gingival occlusal	dentaform® dentaform® Snap 2 nd Molar Bands No. 1–32	Rechts/right REF 724-214-00	- 14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-214-51 Links/left REF 724-215-51
		Standard Molar Bands No. 1–32	Links/left REF 724-215-00					Rechts/right REF 724-214-00 Links/left REF 724-215-00	REF 750-602-10 central



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Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
		Bandtype/size	Brackets Buccal tubes						
21 12 42-41-31-32	R distal incisal mesial L distal gingival	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-219-02 Links/left REF 790-219-02	- 1°	0°	1,3		Setzlasche/Seating lug central	
		No. 1–21	Rechts/right REF 790-265-02 (0,81) REF 790-220-02 (0,81) Links/left REF 790-266-02 (0,81) REF 790-221-02 (0,81)					REF 750-602-10 central	
3 3 43 - 33	R distal incisal mesial L distal gingival	Standard Eckzahn Cuspid	Rechts/right REF 790-265-02 (0,81) REF 790-220-02 (0,81) Links/left REF 790-266-02 (0,81) REF 790-221-02 (0,81)	- 11°	+ 7°	0,7		REF 750-602-10 central	
		No. 1–21	Rechts/right REF 790-222-02 (0,81) REF 790-255-02 (0,81) Links/left REF 790-222-02 (0,81) REF 790-255-02 (0,81)					REF 750-602-10 central	
4 4 44 - 34	R distal gingival mesial L distal gingival occlusal	Standard Prämolaren Bicuspiden	Rechts/right REF 790-222-02 (0,81) REF 790-255-02 (0,81) Links/left REF 790-222-02 (0,81) REF 790-255-02 (0,81)	- 17°	0°	0,7		REF 750-602-10 central	
		No. 1–32	Rechts/right REF 790-223-02 (0,81) REF 790-257-02 (0,81) Links/left REF 790-223-02 (0,81) REF 790-258-02 (0,81)					REF 750-602-10 central	
5 5 45 - 35	R distal gingival mesial L distal gingival occlusal	Standard Prämolaren Bicuspiden	Rechts/right REF 790-223-02 (0,81) REF 790-257-02 (0,81) Links/left REF 790-223-02 (0,81) REF 790-258-02 (0,81)	- 22°	0°	0,7		REF 750-602-10 central	
		No. 1–32	Rechts/right REF 724-272-00 Links/left REF 724-273-00					REF 750-602-10 central	
6 6 46 - 36	R distal gingival mesial L distal gingival occlusal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–32	Rechts/right REF 724-272-00 Links/left REF 724-273-00	- 30°	0°	0,3	4°	REF 750-602-10 central	Rechts/right REF 822-211-46 Links/left REF 822-211-36
		Standard Molar Bands No. 1–32	Links/left REF 724-273-00					Rechts/right REF 724-114-00 Links/left REF 724-115-00	REF 750-602-10 central
7 7 47 - 37	R distal gingival mesial L distal gingival occlusal	dentaform® dentaform® Snap 2 nd Molar Bands No. 1–32	Rechts/right REF 724-114-00 Links/left REF 724-115-00	- 30°	0°	0,3	12°	REF 750-602-10 central	Rechts/right REF 724-114-51 Links/left REF 724-115-51
		Standard Molar Bands No. 1–32	Links/left REF 724-115-00					Rechts/right REF 724-114-00 Links/left REF 724-115-00	REF 750-602-10 central



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department. The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkälrohrcchen	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkälrohrcchen für die Adhäsivtechnik/ Bondable tubes	
			Bandtype/size	Brackets Buccal tubes					Palatal attachment Position on band		
<u>3 3</u> 13 - 23	R	gingival mesial	L	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-274-02 (en,sk) Links/left REF 790-275-02 (en,sk)	0°	+ 8°	0,7	REF 750-602-10 central		
<u>4 4</u> 14 - 24	R	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-206-02 (en,sk) REF 790-249-02 (en,sk) Links/left REF 790-206-02 (en,sk) REF 790-250-02 (en,sk)	- 7°	0°	0,7	REF 750-602-10 central		
<u>5 5</u> 15 - 25	R	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-276-02 (en,sk) REF 790-284-02 (en,sk) Links/left REF 790-276-02 (en,sk) REF 790-285-02 (en,sk)	- 7°	0°	1,2	REF 750-602-10 central		
<u>6 6</u> 16 - 26	R	gingival mesial	L distal	dentaform® Snap 1 st Molar Bands No. 1–36	Rechts/right REF 724-230-00	occlusal -14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 818-212-16 Links/left REF 818-212-26
<u>7 7</u> 17 - 27	R	gingival mesial	L distal	dentaform® 2 nd Molar Bands No. 1–32	Rechts/right REF 724-232-00	-14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-232-51 Links/left REF 724-233-51
		occlusal		Standard Molar Bands No. 1–32	Links/left REF 724-233-00						



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McLaughlin-Bennett-Trevisi* 18

Slot: 0.46 x 0.76 mm / 18 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkälrohrcchen	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälrohrcchen für die Adhäsivtechnik/ Bondable tubes	
			Bandtype/size	Brackets Buccal tubes					Lingual attachment Position on band		
<u>2 1 1 2</u> 42-41-31-32	R	incisal mesial	L distal	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-277-02 Links/left REF 790-277-02	- 6°	0°	1,3	Setzlasche/Seating lug central		
<u>3 3</u> 43 - 33	R	gingival mesial	L distal	Standard Eckzahn Cuspid No. 1–21	Rechts/right REF 790-278-02 (en,sk) Links/left REF 790-279-02 (en,sk)	0°	+ 3°	0,7	REF 750-602-10 central		
<u>4 4</u> 44 - 34	R	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-280-02 (en,sk) REF 790-286-02 (en,sk) Links/left REF 790-281-02 (en,sk) REF 790-287-02 (en,sk)	- 12°	+ 2°	0,7	REF 750-602-10 central		
<u>5 5</u> 45 - 35	R	gingival mesial	L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-282-02 (en,sk) REF 790-288-02 (en,sk) Links/left REF 790-283-02 (en,sk) REF 790-289-02 (en,sk)	- 17°	+ 2°	0,7	REF 750-602-10 central		
<u>6 6</u> 46 - 36	R	occlusal mesial	L distal	dentaform® Snap 1 st Molar Bands No. 1–36	Rechts/right REF 724-234-00	-20°	0°	0,3	0°	REF 750-602-10 central	Rechts/right REF 818-212-46 Links/left REF 818-212-36
<u>7 7</u> 47 - 37	R	occlusal mesial	L distal	dentaform® 2 nd Molar Bands No. 1–32	Rechts/right REF 724-236-00	gingival -10°	0°	0,3	0°	REF 750-602-10 central	Rechts/right REF 724-236-51 Links/left REF 724-237-51
		gingival		Standard Molar Bands No. 1–32	Links/left REF 724-237-00						



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department. The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkalföhrchen Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset Anti Rotation	Palatinales Teil Position auf d. Band Palatal attachment Position on band	Bukkalföhrchen für die Adhäsivtechnik/ Bondable tubes
<u>3 3</u> 13 - 23	R distal L distal	Standard Eckzahn Cuspid No. 1-25	Rechts/right REF 790-230-02 (0,8k) (0,8k) REF 790-238-02 (0,8k) Links/left REF 790-231-02 (0,8k) REF 790-239-02 (0,8k)	- 7° 0°	+ 8°	0,7		REF 750-602-10 central	
<u>4 4</u> 14 - 24	R distal L distal	Standard Prämolaren Bicuspids No. 1-32	Rechts/right REF 790-218-02 (0,8k) REF 790-243-02 (0,8k) Links/left REF 790-218-02 (0,8k) REF 790-244-02 (0,8k)	- 7°	0°	0,7		REF 750-602-10 central	
<u>5 5</u> 15 - 25	R distal L distal	Standard Prämolaren Bicuspids No. 1-32	Rechts/right REF 790-267-02 (0,8k) REF 790-268-02 (0,8k) Links/left REF 790-267-02 (0,8k) REF 790-269-02 (0,8k)	- 7°	0°	0,7		REF 750-602-10 central	
<u>6 6</u> 16 - 26	R distal L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1-36 Standard Molar Bands No. 1-32	Rechts/right REF 724-212-00 Links/left REF 724-213-00	occlusal - 14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 822-212-16 Links/left REF 822-212-26
<u>7 7</u> 17 - 27	R distal L distal	dentaform® 2 nd Molar Bands No. 1-32 Standard Molar Bands No. 1-32	Rechts/right REF 724-214-00 Links/left REF 724-215-00	occlusal - 14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-214-51 Links/left REF 724-215-51



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McLaughlin-Bennett-Trevisi* 22

Slot: 0.56 x 0.76 mm / 22 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkalföhrchen Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset Anti Rotation	Linguales Teil Position auf d. Band Lingual attachment Position on band	Bukkalföhrchen für die Adhäsivtechnik/ Bondable tubes
<u>21 12</u> 42-41-31-32	R distal L distal	dentaform® Lower Anteriors No. 00-12	Rechts/right REF 790-233-02 Links/left REF 790-233-02	- 6°	0°	1,3		Setzlasche/Seating lug central	
<u>3 3</u> 43 - 33	R distal L distal	Standard Eckzahn Cuspid No. 1-21	Rechts/right REF 790-236-02 (0,8k) (0,8k) REF 790-234-02 (0,8k) Links/left REF 790-237-02 (0,8k) REF 790-235-02 (0,8k)	- 6° 0°	+ 3°	0,7		REF 750-602-10 central	
<u>4 4</u> 44 - 34	R distal L distal	Standard Prämolaren Bicuspids No. 1-32	Rechts/right REF 790-239-02 (0,8k) REF 790-245-02 (0,8k) Links/left REF 790-240-02 (0,8k) REF 790-246-02 (0,8k)	- 12°	+ 2°	0,7		REF 750-602-10 central	
<u>5 5</u> 45 - 35	R distal L distal	Standard Prämolaren Bicuspids No. 1-32	Rechts/right REF 790-241-02 (0,8k) REF 790-247-02 (0,8k) Links/left REF 790-242-02 (0,8k) REF 790-248-02 (0,8k)	- 17°	+ 2°	0,7		REF 750-602-10 central	
<u>6 6</u> 46 - 36	R distal L distal	dentaform® dentaform® Snap II 1 st Molar Bands No. 1-36 Standard Molar Bands No. 1-32	Rechts/right REF 724-216-00 Links/left REF 724-217-00	gingival - 20°	0°	0,3	0°	REF 750-602-10 central	Rechts/right REF 822-212-46 Links/left REF 822-212-36
<u>7 7</u> 47 - 37	R distal L distal	dentaform® 2 nd Molar Bands No. 1-32 Standard Molar Bands No. 1-32	Rechts/right REF 724-218-00 Links/left REF 724-219-00	gingival - 10°	0°	0,3	0°	REF 750-602-10 central	Rechts/right REF 724-218-51 Links/left REF 724-219-51



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

The photos shown are examples of bands with prewelded 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.

Prewelding service – banding technique

Ricketts® 18 – IV. Dimension

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn Tooth	Position auf dem Band/bukkal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkalaröhren	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
			Bandtype/size	Brackets Buccal tubes					Anti Rotation	
3 3 13 - 23	R distal	gingival mesial	L distal	Standard Eckzahn Cuspids	Rechts/right REF 790-290-02	+ 7°	+ 5°	0,7	REF 750-602-10 central	
				No. 1–25	Links/left REF 790-291-02					
4 4 14 - 24	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 790-602-02	0°	0°	0,7	REF 750-602-10 central	
				No. 1–32	Links/left REF 790-602-02					
5 5 15 - 25	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 790-602-02	0°	0°	0,7	REF 750-602-10 central	
				No. 1–32	Links/left REF 790-602-02					
6 6 16 - 26	R distal	gingival mesial	L distal	dentaform® Snap 1 ^o Molar Bands No. 1–36	Rechts/right REF 724-008-00	occlusal 0°	0°	0,3	REF 750-602-10 central	Rechts/right REF 724-266-51
				Standard Molar Bands No. 1–32	Links/left REF 724-009-00					
7 7 17 - 27	R distal	gingival mesial	L distal	dentaform® 2 ^o Molar Bands No. 1–32	Rechts/right REF 724-016-00	occlusal -10°	0°	0,3	REF 750-602-10 central	Rechts/right REF 724-016-51
				Standard Molar Bands No. 1–32	Links/left REF 724-017-00					



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Ricketts® 18 – IV. Dimension

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn Tooth	Position auf dem Band/bukkal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkalaröhren	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
			Bandtype/size	Brackets Buccal tubes					Anti Rotation	
21 12 42 - 41 - 31 - 32	R distal	incisal mesial	L distal	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-207-02	- 1°	0°	1,3	REF 750-602-10 central	Setzlasche/Seating lug
				No. 1–21	Links/left REF 790-207-02					
3 3 43 - 33	R distal	gingival mesial	L distal	Standard Eckzahn Cuspids	Rechts/right REF 714-781-00	+ 7°	+ 5°	0,7	REF 750-602-10 central	
				No. 1–21	Links/left REF 714-781-00					
4 4 44 - 34	R distal	occlusal mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 790-602-02	0°	0°	0,7	REF 750-602-10 central	
				No. 1–32	Links/left REF 790-602-02					
5 5 45 - 35	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 793-005-00	- 17°	0°	0,7	REF 750-602-10 central	
				No. 1–32	Links/left REF 793-005-00					
6 6 46 - 36	R distal	occlusal mesial	L distal	dentaform® Snap 1 ^o Molar Bands No. 1–36	Rechts/right REF 724-064-00	gingival 22°	- 5°	0,3	REF 750-602-10 central	Rechts/right REF 724-056-51
				Standard Molar Bands No. 1–32	Links/left REF 724-065-00					
7 7 47 - 37	R distal	occlusal mesial	L distal	dentaform® 2 ^o Molar Bands No. 1–32	Rechts/right REF 724-014-00	gingival -30°	- 5°	0,3	REF 750-602-10 central	Rechts/right REF 724-014-51
				Standard Molar Bands No. 1–32	Links/left REF 724-015-00					



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Ricketts® Extraction 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/buccal		Bandtyp/Größe	Brackets	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil
Tooth	Position on band/buccal view		Bandtype/size	Brackets				Anti Rotation	Palatal attachment
				Buccal tubes					Position on band
$\frac{3}{13}$ $\frac{3}{23}$	R distal	gingival mesial	Standard Eckzahn Cuspidis No. 1–25	Rechts/right REF 790-290-02 Links/left REF 790-291-02	+ 7°	+ 5°	0,7		REF 750-602-10 central
$\frac{4}{14}$ $\frac{4}{24}$	R distal	gingival mesial	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
$\frac{5}{15}$ $\frac{5}{25}$	R distal	gingival mesial	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
$\frac{6}{16}$ $\frac{6}{26}$	R distal	gingival mesial	dentaform® dentiform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-008-00 Links/left REF 724-009-00	occlusal 0°	0°	0,3	15°	REF 750-602-10 central



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Ricketts® Extraction 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/buccal		Bandtyp/Größe	Brackets	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil	Bukkahlröhrchen für die Adhäsivtechnik/ Bondable tubes
Tooth	Position on band/buccal view		Bandtype/size	Brackets				Anti Rotation	Lingual attachment	Position on band
				Buccal tubes					Position on band	
$\frac{21}{42}$ $\frac{12}{41}$ $\frac{12}{32}$	R distal	incisal mesial	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-603-02 Links/left REF 790-603-02	0°	0°	0,7		Setzlasche/Seating lug central	
$\frac{3}{43}$ $\frac{3}{33}$	R distal	incisal mesial	Standard Eckzahn Cuspidis No. 1–21	Rechts/right REF 714-781-00 Links/left REF 714-781-00	+ 7°	+ 5°	0,7		REF 750-602-10 central	
$\frac{4}{44}$ $\frac{4}{34}$	R distal	occlusal mesial	Standard Prämolaren Bicuspidis No. 1–32	Rechts/right REF 790-280-02 Links/left REF 790-281-02	- 12°	0°	0,7		REF 750-602-10 central	
$\frac{5}{45}$ $\frac{5}{35}$	R distal	occlusal mesial	Standard Prämolaren Bicuspidis No. 1–32	Rechts/right REF 790-280-02 Links/left REF 790-281-02	- 12°	0°	0,7		REF 750-602-10 central	
$\frac{6}{46}$ $\frac{6}{36}$	R distal	occlusal mesial	dentaform® dentiform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-270-00 Links/left REF 724-271-00	gingival = 30°	- 5°	0,3	4°	REF 750-602-10 central	Rechts/right REF 724-270-51 Links/left REF 724-271-51
$\frac{7}{47}$ $\frac{7}{37}$	R distal	occlusal mesial	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-014-00 Links/left REF 724-015-00	gingival = 30°	- 5°	0,3	12°	REF 750-602-10 central	Rechts/right REF 724-014-51 Links/left REF 724-015-51



CE 0483

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Prewelding service – banding technique

Ricketts® Non Extraction 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn Tooth	Position auf dem Band/bukkal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band
			Bandtype/size	Brackets Buccal tubes					
3 3 13 - 23	R distal	gingival mesial	L distal	Standard Eckzahn Cuspids	Rechts/right REF 790-290-02	+ 7°	+ 5°	0,7	REF 750-602-10 central
				No. 1–25	Links/left REF 790-291-02				
4 4 14 - 24	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 790-602-02	0°	0°	0,7	REF 750-602-10 central
				No. 1–32	Links/left REF 790-602-02				
5 5 15 - 25	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 790-602-02	0°	0°	0,7	REF 750-602-10 central
				No. 1–32	Links/left REF 790-602-02				
6 6 16 - 26	R distal	gingival mesial	L distal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36	Rechts/right REF 724-008-00	occlusal 0°	0°	0,3	REF 750-602-10 central
				Standard Molar Bands No. 1–32	Links/left REF 724-009-00				



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Ricketts® Non Extraction 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn Tooth	Position auf dem Band/bukkal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkalröhrchen für die Adhäsivtechnik/ Bondable tubes
			Bandtype/size	Brackets Buccal tubes						
2 1 2 42 - 41 - 31 - 32	R distal	incisal mesial	L distal	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-603-02	0°	0°	0,7	REF 750-602-10 central	Setzlasche/Seating lug
				No. 1–21	Links/left REF 790-603-02					
3 3 43 - 33	R distal	gingival mesial	L distal	Standard Eckzahn Cuspids	Rechts/right REF 714-781-00	+ 7°	+ 5°	0,7	REF 750-602-10 central	
				No. 1–21	Links/left REF 714-781-00					
4 4 44 - 34	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 790-602-02	0°	0°	0,7	REF 750-602-10 central	
				No. 1–32	Links/left REF 790-602-02					
5 5 45 - 35	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspidis	Rechts/right REF 790-282-02	- 17°	0°	0,7	REF 750-602-10 central	
				No. 1–32	Links/left REF 790-283-02					
6 6 46 - 36	R distal	occlusal mesial	L distal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36	Rechts/right REF 724-270-00	gingival 30°	- 5°	0,3	REF 750-602-10 central	Rechts/right REF 724-270-51
				Standard Molar Bands No. 1–32	Links/left REF 724-271-00					Links/left REF 724-271-51
7 7 47 - 37	R distal	occlusal mesial	L distal	dentaform® 2° Molar Bands No. 1–32	Rechts/right REF 724-014-00	gingival -30°	- 5°	0,3	REF 750-602-10 central	Rechts/right REF 724-014-51
				Standard Molar Bands No. 1–32	Links/left REF 724-015-00					Links/left REF 724-015-51



CE 0483

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Prewelding service – banding technique

Ricketts® Universal 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/buccal		Bandtyp/Größe	Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil
Tooth	Position on band/buccal view		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band
<u>3 3</u> 13 - 23	R distal	gingival mesial	Standard Eckzahn Cuspids No. 1–25	Rechts/right REF 790-290-02 Links/left REF 790-290-02	+ 7°	+ 5°	0,7		REF 750-602-10 central
<u>4 4</u> 14 - 24	R distal	gingival mesial 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
<u>5 5</u> 15 - 25	R distal	gingival mesial 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
<u>6 6</u> 16 - 26	R distal	gingival mesial occlusal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 726-206-00 Links/left REF 726-207-00	zentral 0°	0°	0,3	0°	REF 750-602-10 central



CE 0483

Ricketts® Universal 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/buccal		Bandtyp/Größe	Brackets Bukkalröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil	Bukkalröhrchen für die Adhäsivtechnik/ Bondable tubes
Tooth	Position on band/buccal view		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
<u>21 12</u> 42-41-31-32	R distal	incisal mesial	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-603-02 Links/left REF 790-603-02	0°	0°	0,7		Setzlasche/Seating lug central	
<u>3 3</u> 43 - 33	R distal	incisal gingival	Standard Eckzahn Cuspids No. 1–21	Rechts/right REF 714-781-00 Links/left REF 714-781-00	+ 7°	+ 5°	0,7		REF 750-602-10 central	
<u>4 4</u> 44 - 34	R distal	gingival mesial 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	
<u>5 5</u> 45 - 35	R distal	occlusal mesial gingival	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	
<u>6 6</u> 46 - 36	R distal	occlusal mesial gingival	dentaform® 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° gingival	- 5°	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 photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Hilgers 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
			Bandtype/size	Brackets Buccal tubes					Anti Rotation	
3 3 13 - 23	R distal	gingival mesial	L distal	Standard Eckzahn Cuspid	Rechts/right REF 790-290-02	+ 7°	+ 8°	0,7	central	REF 750-602-10
				No. 1–25	Links/left REF 790-291-02					
4 4 14 - 24	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-206-02	- 7°	0°	0,7	central	REF 750-602-10
				No. 1–32	Links/left REF 790-206-02					
5 5 15 - 25	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-206-02	- 7°	0°	0,7	central	REF 750-602-10
				No. 1–32	Links/left REF 790-206-02					
6 6 16 - 26	R distal	gingival mesial	L distal	dentaform® dentaform® Snap 1° Molar Bands No. 1–35	Rechts/right REF 724-266-00	occlusal -14°	0°	0,3	14°	REF 750-602-10 central
				Standard Molar Bands No. 1–32	Links/left REF 724-267-00					
7 7 17 - 27	R distal	gingival mesial	L distal	dentaform® 2° Molar Bands No. 1–32	Rechts/right REF 724-016-00	-10°	0°	0,3	8°	REF 750-602-10 central
				Standard Molar Bands No. 1–32	Links/left REF 724-017-00					



CE 0483

Hilgers 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
			Bandtype/size	Brackets Buccal tubes					Anti Rotation	
21 12 42-41-31-32	R distal	incisal mesial	L distal	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-207-02	- 1°	0°	1,3	central	Setzlasche/Seating lug
				Links/left REF 790-207-02						
3 3 43 - 33	R distal	gingival mesial	L distal	Standard Eckzahn Cuspid	Rechts/right REF 714-781-00	+ 7°	+ 5°	0,7	central	REF 750-602-10
				No. 1–21	Links/left REF 714-781-00					
4 4 44 - 34	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-280-02	- 12°	+ 2°	0,7	central	REF 750-602-10
				No. 1–32	Links/left REF 790-281-02					
5 5 45 - 35	R distal	gingival mesial	L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-282-02	- 17°	0°	0,7	central	REF 750-602-10
				No. 1–32	Links/left REF 790-283-02					
6 6 46 - 36	R distal	occlusal mesial	L distal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36	Rechts/right REF 724-056-00	gingival 25°	- 5°	0,3	8°	REF 750-602-10 central
				Standard Molar Bands No. 1–32	Links/left REF 724-057-00					
7 7 47 - 37	R distal	occlusal mesial	L distal	dentaform® 2° Molar Bands No. 1–32	Rechts/right REF 724-014-00	gingival 30°	- 5°	0,3	12°	REF 750-602-10 central
				Standard Molar Bands No. 1–32	Links/left REF 724-015-00					



CE 0483

All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding 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

Zahn	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälähröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band
<u>3 3</u> 13 - 23	R distal mesial L distal	Standard Eckzahn Cuspid 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 4</u> 14 - 24	R distal mesial L distal	Standard Prämolaren Bicuspiden 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 5</u> 15 - 25	R distal mesial L distal	Standard Prämolaren Bicuspiden 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 6</u> 16 - 26	R distal mesial L distal	dentaform® 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 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälähröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälähröhrchen für die Adhäsivtechnik/ Bondable tubes
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
<u>21 12</u> 42-41-31-32	R distal mesial L distal	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-603-02 Links/left REF 790-603-02	0°	0°	0,7		Setzlasche/Seating lug central	
<u>3 3</u> 43 - 33	R distal mesial L distal	Standard Eckzahn Cuspid 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 4</u> 44 - 34	R distal mesial L distal	Standard Prämolaren Bicuspiden 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 5</u> 45 - 35	R distal mesial L distal	Standard Prämolaren Bicuspiden 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 6</u> 46 - 36	R distal mesial L distal	dentaform® 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 photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkalaröhrcchen Buccal tubes	Torque 	Angulation 	In/Out mm 	Distal Offset 	Palatinales Teil Position auf d. Band Palatal attachment Position on band
							Anti Rotation 	
<u>3 3</u> 13 - 23	R distal gingival 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
<u>4 4</u> 14 - 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
<u>5 5</u> 15 - 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
<u>6 6</u> 16 - 26	R distal gingival mesial occlusal L distal 	dentaform® dentaform® 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 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkalaröhrcchen Buccal tubes	Torque 	Angulation 	In/Out mm 	Distal Offset 	Linguales Teil Position auf d. Band Lingual attachment Position on band	Bukkalaröhrcchen für die Adhäsivtechnik/ Bondable tubes
							Anti Rotation 		
<u>21 12</u> 42 - 41-31 - 32	R distal incisal mesial L distal 	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-607-02 Links/left REF 790-607-02	0°	0°	0,7		Setzlasche/Seating lug central 	
<u>3 3</u> 43 - 33	R distal gingival mesial 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 	
<u>4 4</u> 44 - 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 	
<u>5 5</u> 45 - 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 	
<u>6 6</u> 46 - 36	R distal gingival mesial occlusal L distal 	dentaform® dentaform® 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 photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Hasund 2002 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkalföhren für die Adhäsivtechnik/ Bondable tubes
								Palatal attachment Position on band	
3 3 13 - 23	R distal mesial L distal gingival incisal	Standard Eckzahn Cuspid No. 1-25	Rechts/right REF 790-255-02 (0,8k) REF 790-204-02 (0,8k) Links/left REF 790-260-02 (0,8k) REF 790-205-02 (0,8k)	- 2°	+ 6°	0,7	Anti Rotation	REF 750-602-10 central	
								REF 750-602-10 central	
4 4 14 - 24	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspiden 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°	+ 2°	0,7	Anti Rotation	REF 750-602-10 central	
								REF 750-602-10 central	
5 5 15 - 25	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspiden 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°	+ 2°	0,7	Anti Rotation	REF 750-602-10 central	
								REF 750-602-10 central	
6 6 16 - 26	R distal mesial L distal gingival incisal	dentaform® dentaform® Snap 1 st Molar Bands No. 1-36 Standard Molar Bands No. 1-32	Rechts/right REF 724-230-00 Links/left REF 724-231-00	occlusal -14°	0°	0,3	10°	REF 750-002-00 mesial	Rechts/right REF 724-230-51 Links/left REF 724-231-51
								REF 750-002-00 mesial	Rechts/right REF 724-232-51 Links/left REF 724-233-51
7 7 17 - 27	R distal mesial L distal gingival incisal	dentaform® dentaform® Snap 2 nd Molar Bands No. 1-32 Standard Molar Bands No. 1-32	Rechts/right REF 724-233-00 Links/left REF 724-233-00	occlusal -14°	0°	0,3	10°	REF 750-002-00 mesial	Rechts/right REF 724-232-51 Links/left REF 724-233-51
								REF 750-002-00 mesial	Rechts/right REF 724-232-51 Links/left REF 724-233-51

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Hasund 2002 18

Slot: 0.46 x 0.76 mm / 18 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkalföhren für die Adhäsivtechnik/ Bondable tubes
								Lingual attachment Position on band	
21 12 42-41-31-32	R distal mesial L distal gingival incisal	dentaform® Lower Anteriors No. 00-12	Rechts/right REF 790-207-02 Links/left REF 790-207-02	1°	0° + 5°	0,7	Anti Rotation	Setzlasche/Seating lug central	
								REF 750-602-10 central	
3 3 43 - 33	R distal mesial L distal gingival incisal	Standard Eckzahn Cuspid No. 1-21	Rechts/right REF 790-278-02 (0,8k) Links/left REF 790-279-02 (0,8k)	0°	+ 5°	0,7	Anti Rotation	REF 750-602-10 central	
								REF 750-602-10 central	
4 4 44 - 34	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspiden No. 1-32	Rechts/right REF 790-280-02 (0,8k) REF 790-286-02 (0,8k) Links/left REF 790-281-02 (0,8k) REF 790-287-02 (0,8k)	- 12°	+ 2°	0,7	Anti Rotation	REF 750-602-10 central	
								REF 750-602-10 central	
5 5 45 - 35	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspiden No. 1-32	Rechts/right REF 790-282-02 (0,8k) REF 790-288-02 (0,8k) Links/left REF 790-283-02 (0,8k) REF 790-289-02 (0,8k)	- 17°	+ 2°	0,7	Anti Rotation	REF 750-602-10 central	
								REF 750-602-10 central	
6 6 46 - 36	R distal mesial L distal gingival incisal	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°	0°	0,3	8°	REF 750-002-00 mesial	Rechts/right REF 724-056-51 Links/left REF 724-057-51
								REF 750-002-00 mesial	Rechts/right REF 724-020-51 Links/left REF 724-021-51
7 7 47 - 37	R distal mesial L distal gingival incisal	dentaform® dentaform® Snap 2 nd Molar Bands No. 1-32 Standard Molar Bands No. 1-32	Rechts/right REF 724-020-00 Links/left REF 724-021-00	gingival -25°	+ 2°	0,3	8°	No. 750-002-00 mesial	Rechts/right REF 724-020-51 Links/left REF 724-021-51
								No. 750-002-00 mesial	Rechts/right REF 724-020-51 Links/left REF 724-021-51

CE 0483



All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department. The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Alexander 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band Palatal attachment Position on band	Bukkahlröhrchen für die Adhäsivtechnik/ Bondable tubes
								Anti Rotation		
<u>3 3</u> 13 - 23	R distal	gingival mesial	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-204-02 Links/left REF 790-205-02	- 2°	+ 10°	0,7		REF 750-602-10 central	
<u>4 4</u> 14 - 24	R distal	gingival mesial	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	
<u>5 5</u> 15 - 25	R distal	gingival mesial	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	
<u>6 6</u> 16 - 26	R distal	gingival mesial	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36	Rechts/right REF 790-058-00 Links/left REF 724-059-00	occlusal -10°	0°	0,3	15°	REF 750-602-10 central	
<u>7 7</u> 17 - 27	R distal	gingival mesial	dentaform® 2 nd Molar Bands No. 1–32	Rechts/right REF 724-016-00 Links/left REF 724-017-00	-10°	0°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-016-51 Links/left REF 724-017-51



CE 0483

Alexander 18

Slot: 0.46 x 0.76 mm / 18 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band Lingual attachment Position on band	Bukkahlröhrchen für die Adhäsivtechnik/ Bondable tubes
								Anti Rotation		
<u>21 12</u> 42-41-31-32	R distal	incisal mesial	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-277-02 Links/left REF 790-277-02	- 6°	0°	1,3		Setzlasche/Seating lug central	
<u>3 3</u> 43 - 33	R distal	gingival mesial	Standard Eckzahn Cuspid No. 1–21	Rechts/right REF 790-208-02 Links/left REF 790-208-02	- 11°	+ 6°	0,7		REF 750-602-10 central	
<u>4 4</u> 44 - 34	R distal	gingival mesial	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-280-02 Links/left REF 790-280-02	- 12°	0°	0,7		REF 750-602-10 central	
<u>5 5</u> 45 - 35	R distal	gingival mesial	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-282-02 Links/left REF 790-283-02	- 17°	0°	0,7		REF 750-602-10 central	
<u>6 6</u> 46 - 36	R distal	occlusal mesial	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36	Rechts/right REF 724-040-00 Links/left REF 724-041-00	- 25° gingival	- 5°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-040-51 Links/left REF 724-041-51
<u>7 7</u> 47 - 37	R distal	occlusal mesial	dentaform® 2 nd Molar Bands No. 1–32	Rechts/right REF 724-020-00 Links/left REF 724-021-00	- 25° gingival	- 5°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-020-51 Links/left REF 724-021-51



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Note: Maxillary and mandibular brackets are standard design, as they are not available as LANG/LEWIS bracket for welding!

All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Alexander 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

Zahn	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band	
<u>3 3</u> 13 - 23	R distal L distal incisal	Standard Eckzahn Cuspidis No. 1–25	Rechts/right REF 790-216-02 Links/left REF 790-217-02	- 2°	+ 10°	0,7		REF 750-602-10 central	
<u>4 4</u> 14 - 24	R distal L distal occlusal	Standard Prämolaren Bicuspidis No. 1–32	Rechts/right REF 790-218-02 Links/left REF 790-218-02	- 7°	0°	0,7		REF 750-602-10 central	
<u>5 5</u> 15 - 25	R distal L distal occlusal	Standard Prämolaren Bicuspidis No. 1–32	Rechts/right REF 790-218-02 Links/left REF 790-218-02	- 7°	0°	0,7		REF 750-602-10 central	
<u>6 6</u> 16 - 26	R distal L distal occlusal	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-158-00 Links/left REF 724-159-00	occlusal -10°	0°	0,3	15°	REF 750-602-10 central	
<u>7 7</u> 17 - 27	R distal L distal occlusal	dentaform® 2 nd Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-116-00 Links/left REF 724-117-00	-10°	0°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-116-51 Links/left REF 724-117-51

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Alexander 22

Slot: 0.56 x 0.76 mm / 22 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
<u>21 12</u> 42-41-31-32	R distal L distal incisal	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-233-02 Links/left REF 790-233-02	- 6°	0°	1,3		Setzlasche/Seating lug central	
<u>3 3</u> 43 - 33	R distal L distal incisal	Standard Eckzahn Cuspidis No. 1–21	Rechts/right REF 790-220-02 Links/left REF 790-221-02	- 11°	+ 6°	0,7		REF 750-602-10 central	
<u>4 4</u> 44 - 34	R distal L distal gingival	Standard Prämolaren Bicuspidis No. 1–32	Rechts/right REF 790-239-02 Links/left REF 790-240-02	- 12°	0°	0,7		REF 750-602-10 central	
<u>5 5</u> 45 - 35	R distal L distal gingival	Standard Prämolaren Bicuspidis No. 1–32	Rechts/right REF 790-241-02 Links/left REF 790-242-02	- 17°	0°	0,7		REF 750-602-10 central	
<u>6 6</u> 46 - 36	R distal L distal gingival	dentaform® dentaform® Snap 1 st Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-140-00 Links/left REF 724-141-00	- 25° gingival	- 5°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-140-51 Links/left REF 724-141-51
<u>7 7</u> 47 - 37	R distal L distal gingival	dentaform® 2 nd Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-120-00 Links/left REF 724-121-00	- 25° gingival	- 5°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-120-51 Links/left REF 724-121-51

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Note: Maxillary and mandibular brackets are standard design, as they are not available as LANG/LEWIS bracket for welding!

All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

The photos shown are examples of bands with prewelded attachments and are not identical with the described system.



Prewelding service – banding technique

Andrews 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
								Anti Rotation		
<u>3 3</u> 13 - 23	R	gingival mesial	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-259-02 (0,81) REF 790-242-02 (0,81) Links/left REF 790-260-02 (0,81) REF 790-205-02 (0,81)	- 2°	+ 11°	0,7		REF 750-602-10 central	
<u>4 4</u> 14 - 24	R	gingival mesial	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-206-02 (0,81) REF 790-249-02 (0,81) Links/left REF 790-206-02 (0,81) REF 790-250-02 (0,81)	- 7°	+ 2°	0,7		REF 750-602-10 central	
<u>5 5</u> 15 - 25	R	gingival mesial	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-206-02 (0,81) REF 790-249-02 (0,81) Links/left REF 790-206-02 (0,81) REF 790-250-02 (0,81)	- 7°	+ 2°	0,7		REF 750-602-10 central	
<u>6 6</u> 16 - 26	R	gingival mesial	dentaform® dentiform® Snap 1 st Molar Bands No. 1–36	Rechts/right REF 724-266-00	occlusal -14°	0°	0,3	14°	REF 750-602-10 central	Rechts/right REF 724-266-51 Links/left REF 724-267-51
<u>7 7</u> 17 - 27	R	gingival mesial	dentaform® dentiform® Snap 2 nd Molar Bands No. 1–32	Rechts/right REF 724-232-00	occlusal -14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-232-51 Links/left REF 724-233-51



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Andrews 18

Slot: 0.46 x 0.76 mm / 18 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
								Anti Rotation		
<u>21 12</u> 42-41-31-32	R	incisal mesial	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-277-02 Links/left REF 790-277-02	- 6°	+ 2°	1,3		Setzlasche/Seating lug central	
<u>3 3</u> 43 - 33	R	gingival mesial	Standard Eckzahn Cuspiden No. 1–21	Rechts/right REF 790-261-02 (0,81) REF 790-208-02 (0,81) Links/left REF 790-262-02 (0,81) REF 790-209-02 (0,81)	- 11°	+ 7°	0,7		REF 750-602-10 central	
<u>4 4</u> 44 - 34	R	occlusal mesial	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-210-02 (0,81) REF 790-251-02 (0,81) Links/left REF 790-210-02 (0,81) REF 790-252-02 (0,81)	- 17°	- 2°	0,7		REF 750-602-10 central	
<u>5 5</u> 45 - 35	R	occlusal mesial	Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-211-02 (0,81) REF 790-253-02 (0,81) Links/left REF 790-211-02 (0,81) REF 790-254-02 (0,81)	- 22°	- 2°	0,7		REF 750-602-10 central	
<u>6 6</u> 46 - 36	R	occlusal mesial	dentaform® dentiform® Snap 1 st Molar Bands No. 1–36	Rechts/right REF 724-270-00	gingival -30°	0°	0,3	4°	REF 750-602-10 central	Rechts/right REF 724-270-51 Links/left REF 724-271-51
<u>7 7</u> 47 - 37	R	occlusal mesial	dentaform® dentiform® Snap 2 nd Molar Bands No. 1–32	Rechts/right REF 724-271-00	gingival -30°	+ 2°	0,3	0°	REF 750-602-10 central	



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department. The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Andrews 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
		Bandtype/size	Brackets Buccal tubes						
3 3 13 - 23	R distal mesial L distal gingival incisal	Standard Eckzahn Cuspids	Rechts/right REF 790-230-02 Links/left REF 790-231-02	- 7°	- 11°	0,7		REF 750-602-10 central	
		No. 1-25	Rechts/right REF 790-218-02 (0,8)					REF 750-602-10 central	
4 4 14 - 24	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspids	Rechts/right REF 790-243-02 (0,8)	- 7°	+ 2°	0,7		REF 750-602-10 central	
		No. 1-32	Links/left REF 790-218-02 (0,8)					REF 750-602-10 central	
5 5 15 - 25	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspids	Rechts/right REF 790-243-02 (0,8)	- 7°	+ 2°	0,7		REF 750-602-10 central	
		No. 1-32	Links/left REF 790-218-02 (0,8)					REF 750-602-10 central	
6 6 16 - 26	R distal mesial L distal gingival incisal	dentaform® dentaform® Snap 1 st Molar Bands No. 1-36	Rechts/right REF 724-268-00	occlusal -14°	0°	0,3	14°	REF 750-602-10 central	Rechts/right REF 724-268-51
		Standard Molar Bands No. 1-32	Links/left REF 724-269-00					Links/left REF 724-269-51	
7 7 17 - 27	R distal mesial L distal gingival incisal	dentaform® 2 nd Molar Bands No. 1-32	Rechts/right REF 724-214-00	-14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-214-51
		Standard Molar Bands No. 1-32	Links/left REF 724-215-00					Links/left REF 724-215-51	



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Andrews 22

Slot: 0.56 x 0.76 mm / 22 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
		Bandtype/size	Brackets Buccal tubes						
2 1 12 42-41-31-32	R distal incisal L distal mesial	dentaform® Lower Anteriors No. 00-12	Rechts/right REF 790-233-02 Links/left REF 790-233-02	- 6°	+ 2°	1,3		Setzlasche/Seating lug central	
		No. 1-21	Rechts/right REF 790-265-02 (0,8)					REF 750-602-10 central	
3 3 43 - 33	R distal mesial L distal gingival incisal	Standard Eckzahn Cuspids	Rechts/right REF 790-265-02 (0,8)	- 11°	+ 7°	0,7		REF 750-602-10 central	
		No. 1-21	Links/left REF 790-266-02 (0,8)					REF 750-602-10 central	
4 4 44 - 34	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspids	Rechts/right REF 790-222-02 (0,8)	- 17°	- 2°	0,7		REF 750-602-10 central	
		No. 1-32	Links/left REF 790-222-02 (0,8)					REF 750-602-10 central	
5 5 45 - 35	R distal mesial L distal gingival incisal	Standard Prämolaren Bicuspids	Rechts/right REF 790-223-02 (0,8)	- 22°	- 2°	0,7		REF 750-602-10 central	
		No. 1-32	Links/left REF 790-223-02 (0,8)					REF 750-602-10 central	
6 6 46 - 36	R distal mesial L distal gingival incisal	dentaform® dentaform® Snap 1 st Molar Bands No. 1-36	Rechts/right REF 724-272-00	gingival -30°	0°	0,3	4°	REF 750-602-10 central	Rechts/right REF 724-272-51
		Standard Molar Bands No. 1-32	Links/left REF 724-273-00					Links/left REF 724-273-51	
7 7 47 - 37	R distal mesial L distal gingival incisal	dentaform® 2 nd Molar Bands No. 1-32	Rechts/right REF 724-063-00	gingival -30°	+ 2°	0,3	0°	REF 750-602-10 central	
		Standard Molar Bands No. 1-32	Links/left REF 724-063-00					Links/left REF 724-063-00	



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department. The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Burstone 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band Palatal attachment Position on band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
								Anti Rotation		
3 3 13 - 23	R distal	gingival mesial	Standard Eckzahn Cuspid No. 1-25	Rechts/right REF 790-250-02 Links/left REF 790-260-02	-2°	+10°	0,7		REF 750-602-10 central	
4 4 14 - 24	R distal	gingival mesial	Standard Prämolaren Bicuspid No. 1-32	Rechts/right REF 790-206-02 (0,41) REF 790-249-02 (0,41) Links/left REF 790-206-02 (0,41) REF 790-250-02 (0,41)	-7°	0°	0,7		REF 750-602-10 central	
5 5 15 - 25	R distal	gingival mesial	Standard Prämolaren Bicuspid No. 1-32	Rechts/right REF 790-206-02 (0,41) REF 790-249-02 (0,41) Links/left REF 790-206-02 (0,41) REF 790-250-02 (0,41)	-7°	0°	0,7		REF 750-602-10 central	
6 6 16 - 26	R distal	gingival mesial	dentaform® dentaform® Snap 1 st Molar Bands No. 1-36 Standard Molar Bands No. 1-32	Rechts/right REF 724-230-00 Links/left REF 724-231-00	occlusal -14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-230-51 Links/left REF 724-231-51
7 7 17 - 27	R distal	gingival mesial	dentaform® 2 nd Molar Bands No. 1-32 Standard Molar Bands No. 1-32	Rechts/right REF 724-016-00 Links/left REF 724-017-00	-10°	0°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-016-51 Links/left REF 724-017-51



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Burstone 18

Slot: 0.46 x 0.76 mm / 18 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view		Bandtyp/Größe Bandtype/size	Brackets Buccal tubes	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band Lingual attachment Position on band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
								Anti Rotation		
21 12 42-41-31-32	R distal	incisal mesial	dentaform® Lower Anteriors No. 00-12	Rechts/right REF 790-207-02 Links/left REF 790-207-02	-1°	0°	1,3		Setzlasche/Seating lug central	
3 3 43 - 33	R distal	gingival mesial	Standard Eckzahn Cuspid No. 1-21	Rechts/right REF 790-261-02 (0,41) REF 790-208-02 (0,41) Links/left REF 790-262-02 (0,41) REF 790-209-02 (0,41)	-11°	+6°	0,7		REF 750-602-10 central	
4 4 44 - 34	R distal	occlusal mesial	Standard Prämolaren Bicuspid No. 1-32	Rechts/right REF 790-210-02 (0,41) REF 790-251-02 (0,41) Links/left REF 790-210-02 (0,41) REF 790-252-02 (0,41)	-17°	0°	0,7		REF 750-602-10 central	
5 5 45 - 35	R distal	occlusal mesial	Standard Prämolaren Bicuspid No. 1-32	Rechts/right REF 790-211-02 (0,41) REF 790-253-02 (0,41) Links/left REF 790-211-02 (0,41) REF 790-254-02 (0,41)	-22°	0°	0,7		REF 750-602-10 central	
6 6 46 - 36	R distal	occlusal mesial	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°	0°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-056-51 Links/left REF 724-057-51
7 7 47 - 37	R distal	occlusal mesial	dentaform® 2 nd Molar Bands No. 1-32 Standard Molar Bands No. 1-32	Rechts/right REF 724-020-00 Links/left REF 724-021-00	gingival -25°	+2°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-020-51 Links/left REF 724-021-51



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department. The photos shown are examples of bands with prewelded attachments and are not identical with the described system.

Prewelding service – banding technique

Burstone 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

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
		Bandtype/size	Brackets Buccal tubes						
3 3 13 - 23	R distal gingival mesial incisal L distal	Standard Eckzahn Cuspid	Rechts/right REF 790-230-02 Links/left REF 790-231-02	- 7°	+ 10°	0,7		REF 750-602-10 central	
		No. 1-25							
4 4 14 - 24	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-218-02 (0,8L) REF 790-243-02 (0,8L) Links/left REF 790-218-02 (0,8L) REF 790-244-02 (0,8L)	- 7°	0°	0,7		REF 750-602-10 central	
		No. 1-32							
5 5 15 - 25	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-218-02 (0,8L) REF 790-243-02 (0,8L) Links/left REF 790-218-02 (0,8L) REF 790-244-02 (0,8L)	- 7°	0°	0,7		REF 750-602-10 central	
		No. 1-32							
6 6 16 - 26	R distal gingival mesial occlusal L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1-36	Rechts/right REF 724-212-00	occlusal - 14°	0°	0,3	10°	REF 750-602-10 central	Rechts/right REF 724-212-51
		Standard Molar Bands No. 1-32	Links/left REF 724-213-00					Links/left REF 724-213-51	
7 7 17 - 27	R distal gingival mesial occlusal L distal	dentaform® 2 nd Molar Bands No. 1-32	Rechts/right REF 724-116-00	- 10°	0°	0,3		REF 750-602-10 central	Rechts/right REF 724-116-51
		Standard Molar Bands No. 1-32	Links/left REF 724-117-00					Links/left REF 724-117-51	



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Burstone 22

Slot: 0.56 x 0.76 mm / 22 x 30 · anteriors to second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn Tooth	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkälrohrcn	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälrohrcn für die Adhäsivtechnik/ Bondable tubes
		Bandtype/size	Brackets Buccal tubes					Anti Rotation	
21 12 42-41-31-32	R distal incisal mesial gingival L distal	dentaform® Lower Anteriors No. 00-12	Rechts/right REF 790-219-02 Links/left REF 790-219-02	- 1°	0°	1,3		Setzlasche/Seating lug central	
3 3 43 - 33	R distal incisal mesial gingival L distal	Standard Eckzahn Cuspid	Rechts/right REF 790-265-02 (0,8L) REF 790-220-02 (0,8L) Links/left REF 790-266-02 (0,8L) REF 790-221-02 (0,8L)	- 11°	+ 6°	0,7		REF 750-602-10 central	
		No. 1-21							
4 4 44 - 34	R distal occlusal mesial gingival L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-223-02 (0,8L) REF 790-255-02 (0,8L) Links/left REF 790-222-02 (0,8L) REF 790-256-02 (0,8L)	- 17°	0°	0,7		REF 750-602-10 central	
		No. 1-32							
5 5 45 - 35	R distal occlusal mesial gingival L distal	Standard Prämolaren Bicuspid	Rechts/right REF 790-223-02 (0,8L) REF 790-257-02 (0,8L) Links/left REF 790-223-02 (0,8L) REF 790-258-02 (0,8L)	- 22°	0°	0,7		REF 750-602-10 central	
		No. 1-32							
6 6 46 - 36	R distal occlusal mesial gingival L distal	dentaform® dentaform® Snap 1 st Molar Bands No. 1-36	Rechts/right REF 724-156-00	gingival - 25°	0°	0,3	8°	REF 750-602-10 central	
		Standard Molar Bands No. 1-32	Links/left REF 724-157-00						
7 7 47 - 37	R distal occlusal mesial gingival L distal	dentaform® 2 nd Molar Bands No. 1-32	Rechts/right REF 724-120-00	- 25°	+ 2°	0,3	8°	REF 750-602-10 central	Rechts/right REF 724-120-51
		Standard Molar Bands No. 1-32	Links/left REF 724-121-00					Links/left REF 724-121-51	



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All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

The photos shown are examples of bands with prewelded 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 Dentaaurum bands when ordering.

Lower anterior bands

Dentaaurum		AMERICAN ORTHODONTICS	DENTSPLY GAC Snap-Fit	LANGER	ORMCO	ROCKY MOUNTAIN	TP	3M Unitek	
00		1		0	0	A	2	00+	
0		2	0	1	1		3	0	
1			1	2	2	A+	6	1+	
2		3	2	3	3	B	7	2	
3		4		4	4	B+	8	2+	
4		5	3	5	5	C	9	3	
5		6	4	6	6		11	4	
6		7	5	7	7	D	15	6	
7		9	6	8	9		16	6+	
8		10	7	9	10	D+	17	7	
9		12	8	11	12	E	20	8+	
10				12			21	9	
11		13	9		13	E+	22		
12		14		13		F	23	9+	

Bands – comparison charts

Upper cuspid bands

Dentaurum		AMERICAN ORTHODONTICS	DENTSPLY GAC Snap-Fit	LANCER	ORMCO	ROCKY MOUNTAIN	3M Unitek		
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+		

Lower cuspid bands

Dentaurum		AMERICAN ORTHODONTICS	DENTSPLY GAC Snap-Fit	LANCER	ORMCO	ROCKY MOUNTAIN	3M Unitek		
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 GAC Snap-Fit	LANGER	ORMCO	ROCKY MOUNTAIN	3M Unitek CONTOURED	3M Unitek GENERAL PURPOSE	3M Unitek 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 GAC Snap-Fit	LANCER	ORMCO	ROCKY MOUNTAIN	3M Unitek CONTOURED	3M Unitek GENERAL PURPOSE	3M Unitek 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 dentafom® Snap		AMERICAN CONTOURED IMR2, Mini Master S	AMERICAN CONTOURED IMR1, Master Series	DENTSPLY GAC Snap-Fit	LANCER SUPRA™	ORMCO Standard	ORMCO ULTIMA® Trimline	ORMCO WASHBON®	ROCKY MOUNTAIN	TP LABS	3M Unitek CONTOURED	3M Unitek 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			7			30
6	5												30+
	6		4		4	4	4		3				
7			5			5	5	5					
	7						6	6	4	8	1	31	
8			6			6	7	7	5	9	2		31
	8			1.5	5	7	7	8		10		31+	31+
9	9		7		6	8	8		6		3	32	32
10			8			9	9			11	5		
	11			2.5	7		10	10	8		6	33	
11			9	3	8	10	11			9	7		33
12			10			11			10	12	8	33+	33+
13			11	3.5	9		12	12			9	34	34
14			12			12	13	13		13	10		
	14		13	4	10	13	14	14	11	14	11	34+	34+
15					11		15		12	15	12		
16	16		14	4.5	12	14		15	13	16	13	35	35
17			15	5	13	15		16	14	17	14	35+	35+
18						16	17	17	15	18	15		
	18		16		14	17		16		16	16	36	36
19				5.5			18	18		17	17		36+
	19		17	6	15	18		19	17	19	18		
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			21		19	22	22		20	25	23		38
24			22	8	20	23	23	23	21	26	24	38	
	25		23		21				22	27	25		
25					22	24	24	24		28		38+	39
26					23	25	25		24	29	27		
	28				24	27		26	26	31	29	39+	
27			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			28	10	27		29		28	35	32	40+	
30				10.5	28	31	30	31	29				
31			30	11	29		31	32	30	36		41	
32			32	11.5	30	32							41+

Bands – comparison charts

Lower 1st molar bands

Dentaurum Standard	Dentaurum dentafirm® Snap		AMERICAN CONTOURED MR2, Mini Master S	AMERICAN CONTOURED MR1, Master Series, I/SH	DENTSPLY GAC Snap-Fit	LANCER SUPRA™	ORMCO Standard	ORMCO ULTIMA® Trimline	ORMCO WASHBON®	ROCKY MOUNTAIN	TP LABS	3M Unitek CONTOURED	3M Unitek 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					31	31
7	10		5		5	5	6	5	4	8	2		
8			7	2	6		7	7		9		31+	
	12		8			7	8		6	10	4		32
9				2.5		8		8	7		5	32	
10	13		9		7		9	9		11	6		32+
11	14		10		8	9	10		8		7	32+	
12				3		10	11	10	9	12	8	33	33
	15		11		9				10				
	16		12		10	11	12	11		13	9		33+
13				3.5		12	13	12		14	10	33+	
14	17		13		11		14	13	11	15	11	34	34
15	18			4	12	14		14	13	16	12	34+	34+
	19		14	4.5	13		16	15		17	13	35	35
16			15			15			14		14		
	20		16	5	14	16	17	16	15	18	15	35+	35+
17	21		17		15			17	16		16		
18			18			17	18	18		19	17		
	22				16	18			17	20	18	36	36
19	23		20		17		19	19		21	19		
20				6.5		19			18	22	20	36+	36+
21	24			7	18	20	20	20		23	21		
	25		21		19			21	19	24		37	37
22	26		22	7.5	20	21	21	22			22		
	27					22	22		20			37+	37+
23	28		23		21		23	23	21	25	23		
	29			8	22	23		24	22	26	24	38	38
24	30				23	24	24			27	25		
25			25			25	25	26	24	29	27		38+
26			26	8.5		26	26		25	30	28	39	39
27	31		27		24			27	26	31		39+	
	32		28	9	25	27	27		27	32			39+
28				9.5		28	28	28		33		40	
29			29			29	29	30	28				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

Wires – information

Comparison between Dentaureum wires / Brand names of other competitive products

Dentaureum	AMERICAN ORTHODONTICS	FORESTADENT	DENTSPLY GAC	LANCER	LEONE	MASEL
dentaflex® twisted wires	TWIST	Forestaflex®	Wildcat® Tricat	Swiss Strand™	Twist	Triple Twist R™
dentaflex® co-axial wires	CO-AX	Forestaflex®	PentaCat® Hexacat	Memorex	Flex	Penta-One™
dentaflex® braided wires	Streight™ Woven	Forestaflex®	Quad-Cat Multibraid Arches	Swiss Strand™	Twist	Octava™
Noninium® nickel free wires		Forestanit® Ni-free			Biosteel®	
remanium® stainless steel wires	SS STAINLESS STEEL Wire	stainless steel Forestanit® Forestanit®-Super	Nubryte Gold Super Gold	Titalan Stainless Steel High Tensile Stainless Steel	Leowire®	Resilient Bright Golden
Equire stainless steel wires	SS STAINLESS STEEL Wire	stainless steel Forestanit® Forestanit®-Super	Nubryte Gold Super Gold	Titalan Stainless Steel High Tensile Stainless Steel	Leowire®	Resilient Bright Golden
remaloy®/Redur® cobalt based alloy	CC Chromium-Cobalt (Multiphase blue)	Forestalloy	Coballoy	Bendalloy™ Blue Ortholoy Blue	Leoloy® chromium-cobalt wire Crozat	Masiloy™
rematitan® "LITE" nickel titanium alloy super elastic		Titalon® - Superelastic (SE) - Low Force	Sentalloy® superelastic Lowland NiTi	Titalan superelastic Orthinol II	Memoria® superelastic	Elastinol™ superelastic Authentic Nitinol Value Brand of NiTi Econo Nickel Titanium
rematitan® Special beta titanium alloy	BETA TITANIUM	Betaflex Titan	Resolve® Beta Titanium	Titalan FR	Beta Memoria®	BETA III™
rematitan® sl nickel titanium alloy super elastic			Neo Sentalloy® IONGUARD™			Onyx Ultra™
Tensic® nickel titanium, thermo-active	Therma-Ti® Titanium Memory Wire - heat activated - Flexus heat activated	Titalon® Martensitic BioTorque BioFinisher BioStarter Martensitic	Neo Sentalloy® Heat-Activation	Titalan LT Thermodynamic	Thermomemoria®	Therm-A-Form Ultra™ CV SuperForce™
Equire nickel titanium, thermo-active	Therma-Ti® Titanium Memory Wire - heat activated - Flexus heat activated	Titalon® Budget Titalon® Martensitic BioStarter BioTorque BioFinisher Martensitic	Neo Sentalloy® Heat-Activation	Titalan LT Thermodynamic	Thermomemoria®	Therm-A-Form Ultra™ CV SuperForce™
rematitan® "LITE" White nickel titanium-alloy super elastic	EverWhite™ Cosmetic Wire	Titalon® Cosmetic	Spectra™ Imagination Sentalloy® High Aesthetic	Titalan TS	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 Dentaurem wires / Brand names of other competitive products

Dentaurem	ORMCO	WORLD CLASS ORTHODONTICS ORTHO ORGANIZERS	ROCKY MOUNTAIN	SCHEU-DENTAL	TP ORTHODONTICS	3M UNITEK
dentaflex® twisted wires	Triple Flex™	Twist Stainless Steel	Tri-Flex™		Twisted 3-Strand Wire	Hi-T™ II Twist Flex Twist
dentaflex® co-axial wires	Respond®	Coaxial Stainless Steel	Supra-Flex™		Co-Ax®	Coaxial
dentaflex® braided wires	D-Rect®	Braided Stainless Steel	Flex-VIII™		Woven 8-Strand Wire	Braided
Noninium® nickel free wires		Nickel-Lite®		Menzanium®	Avid	
remanium® stainless steel wires	Stainless Steel	Stainless Steel	Tru-Chrome®	Chromium	Shiny Bright Wire TP Original Stainless Steel	Permachrome Hi-T™ II Stainless Steel
Equire stainless steel wires	Stainless Steel	Stainless Steel	Tru-Chrome®	Chromium	Vela™ Shiny Bright Wire TP Original Stainless Steel	Permachrome Hi-T™ II
remaloy® / Redur® cobalt based alloy	Azurloy™	Ortholoy-Blue	Elgiloy® blue			Blue Flexiloy®
rematitan® "LITE" nickel titanium alloy super elastic	Ni-Ti® Align™ SE 200 Align™ XF	Nitanium S.E. Superelastic	Orthonol® Superelastic	Lazium®	Reflex® Superelastic	Nitinol® SE Superelastic Nitinol® Classic
rematitan® Special beta titanium alloy	TMA® Titanium Molybdenum	CNA™ Beta III	Bendaloy™ Titanium- Molybdenum		TiMolium®	Beta III Titanium
rematitan® sl nickel titanium alloy super elastic		Nitanium Black Ti™				
Tensic® nickel titanium, thermo-active		Accel™ Bio-Kinetix™ Bio-Kinetix™ Plus	Thermaloy® Thermally activated		Reflex® Heat activated	Nitinol® Heat activated
Equire nickel titanium, thermo-active		Accel™ Bio-Kinetix™ Bio-Kinetix™ Plus	Thermaloy® Thermally activated		Reflex® Heat activated	Nitinol® Heat activated
rematitan® "LITE" White nickel titanium-alloy super elastic		Nitanium Plastic Coated WOOWA Bio- Aesthetic Coated	Orthonol® FLI® Wire coated		Reflex® Aesthetic Wire	
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.

List of materials

Product groups	Product	Identification No.*	
tomas® anchorage system	tomas®-pin	3.102	
	tomas®-abutment universal	1.005	
	tomas®-abutment tube	1.001, 1.005	
	tomas®-abutment wire	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®-aligner hook	1.005	
	tomas®-coil spring / tomas®-Nikodem spring / tomas®-compression spring	3.200	
	tomas®-uprighting spring	1.000, 1.003, 3.200	
	tomas®-stop screw	1.002	
	tomas®-cross tube	1.000	
	tomas®-power arm square/round	1.003, 1.005, 1.010	
	tomas®-crimp hook	1.005, 1.010	
	tomas®-slotted stops	1.013	
	tomas®-hook / tomas®-T-wire	1.003	
	tomas®-power chain (Plastic chain)	4.009	
	magic® lingual system	magic® lingual brackets (incl. small) / magic® lingual tubes	3.003
		magic® lingual bracket and tube convertible	1.006, 3.003
Tensic® lingual arch, round/rectangular		3.200	
rematitan® SPECIAL lingual arch, rectangular		3.103	
remanium® lingual arch, rectangular		1.012 o. 1.013	
SUPER Elasto-Force plastic chains		4.009	
discovery® delight lingual system	discovery® delight lingual brackets / discovery® delight lingual tubes	1.005	
Self-ligating brackets	discovery® sl / discovery® sl 2.0	1.003, 1.009, 3.001	
	Ortho-Cast sl	1.005	
	rematitan® sl ideal arch, round/rectangular	3.200	
Metal brackets	discovery® / discovery® smart	1.005	
	topic	3.003	
	equilibrium® / equilibrium® 2 / equilibrium® mini	1.005	
	equilibrium® / equilibrium® 2 with hook	1.001, 1.005	
	equilibrium® mini with hook	1.000, 1.005	
	equilibrium® ti	3.104	
	equilibrium® ti with hook	3.102, 3.104	
	Ultra-Minitrim® / Ultra-Minitrim® with hook	1.000, 1.001, 1.002	
Aesthetic brackets	Ultratrimm® / Ultratrimm® with round tube / Ultratrimm® with hook	1.000, 1.001, 1.002	
	Fascination® / Fascination® 2	5.000	
	Jewels	5.000	
	discovery® pearl	5.000	
	Elegance®	1.000, 4.002 glass fiber-reinforced	
Bracket accessories	Titanium button with chain acc. to Watted	3.100, 3.101	
	Lingual button for bonding technique	1.000, 1.001, 1.002	
	Lingual double hook for bonding technique	1.000, 1.001, 1.008	
	Mesh bases for bonding technique	1.005 o. 1.010	
	Mesh bases for buccal tubes for bonding technique	1.000 o. 1.001	
	Gauze	1.000	
Buccal tubes	Ortho-Cast / Ortho-Cast w. h. / Ortho-Cast w. h. a. 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. a. t. occlusal / gingival	1.005, 1.008	
	Ortho / Ortho w. t.	1.000, 1.002	
	Ortho w. h. / Ortho w. h. a. t.	1.000, 1.001, 1.002	
	Ortho for bonding technique / 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	
	Lingual/Palatal sheaths	1.008	
	Lingual/Palatal sheaths with mesial/distal hook	1.000, 1.008	
	Lingual/Palatal sheaths with distal hook	1.002, 1.008	
	Button	1.002	
	Band seating lug	1.005	

Product groups	Product	Identification No. *
Buccal tubes w. h. = with hook w. t. = with tube w. h. a. t. = with hook and tube	Double hook / Hook with seating lug	1.008
	Button hook	1.001
	Ortho-Cast mini / Ortho-Cast sl	1.005
	Standard with hook	1.000, 1.001, 1.002
	Standard	1.001
	Ortho-Cast NF	3.003
	rematitan®	3.100, 3.101
	rematitan® with hook	3.100, 3.101, 3.102
	Mollin double buccal tube / Single buccal tube	1.000, 1.001, 1.003
	Insert adapter	1.003
	Bands	dentaform® Snap
dentaform®		1.001
Standard bicuspid and cuspid bands		1.001
Standard 1. and 2. molar bands		1.008
Band material and matrix band on rolls		1.001
Arches	remanium® ideal arch / Lingual arch	1.012 o. 1.013
	Equire preformed ideal arch	1.012 o. 1.013
	dentaflex® ideal arch / Lingual arch	1.012 o. 1.013
	Noninium® ideal arch	1.006
	Noninium® White ideal arch	1.006, 4.008
	Tensic® ideal arch	3.200
	Equire thermo-active preformed ideal arch	3.200
	Tensic® White ideal arch	3.200, 4.008
	rematitan® sl ideal arch	3.200
	rematitan® "LITE" arch / Ricketts® PENTA arch / ideal arch / lingual arch	3.200
	rema 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
Wires	remanium®	1.003 o. 1.013
	dentaflex®, 3-strand twisted	1.003
	dentaflex®, 6-strand "co-axial"	1.012 o. 1.013
	Noninium® 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
	rematitan® "LITE"	3.200
	Titanium retainer wire, grade 1	3.100
	Titanium retainer wire, grade 5	3.102
	Gold retainer wire	2.301
Wires, arches Accessories	remanium® ligature wire	1.005
	remanium® preformed ligatures	1.005 o. 1.011 o. 1.013
	remanium® Kobayashi ligatures	1.011 o. 1.013
	Ligatures White, Kobayashi White ligatures	3.201, 4.008
	remanium® tension springs/compression springs	1.003
	rematitan® "LITE" tension springs/compression springs	3.200
	remaloy® cuspid retraction springs	1.000, 1.003
	remanium® lingual retainer	1.011, 1.013
	Titanium lingual retainer	3.101
	Jaw fracture splint	1.000
	Sliding tubes, round	1.000, 1.001
	Sliding tubes, rectangular	1.005 o. 1.010
	Cross tube, rectangular tube	1.000
	Stop tubes	1.013
	Noninium® standard labial arches	REF XXX-XXX-00 / 1.006
		REF XXX-XXX-01 / 1.014
	Noninium® Adams clasps / triangular clasps / arrow clasps	REF XXX-XXX-00 / 1.006
		REF XXX-XXX-01 / 1.014
	Noninium® ball retainer clasps	REF XXX-XXX-01 / 1.006
		REF XXX-XXX-02 / 1.014

List of materials

Product groups	Product	Identification No. *	
Wires, arches	remanium® ball retainer clasps / Arrow clasps	1.001	
	Guide pins acc. to Hinz	1.011 o. 1.013	
	Guide pins acc. to G. Müller®	1.003	
	Lingual bars	1.003	
	Stainless steel tubes	1.000	
	Plastic sleeving	4.009	
	Brass wire	2.100	
	remanium® Goshgarian palatal bars	1.003	
	remanium® Quad Helix	1.013	
	Orthorama® palatal arches / Lingual arches / Sectional arches / Multi-Action	3.000	
Intra- and extraoral	Metal clip for safety modules	1.003	
	Delaire, face mask	1.003, 4.100, suede	
	Noninium® face bow, medium	1.006, 4.001	
	Standard face bow, medium, with stop loops	1.000, 1.003, 4.001	
	Chin cap	1.002, 1.003, 4.001	
	Chin cap liner	4.009, polyester	
	J-Hooks / J-Hooks for Hickham headgear	1.011, 1.013	
	Lipbumper	1.003, 3.000, 4.003	
	Stop tubes	1.000	
	Stop screws	1.002	
	Activator tubes	1.000, 1.001	
	Oral screen "Ulmer Modell"	4.009	
	Face Former	4.202	
	OrthoSafe sports guard	4.101	
	SUS ² telescope rod, assembled	1.002, 1.003	
	SUS ² telescope rod	1.003	
	SUS ² arch adapter/fixing screw	1.002	
	SUS ² telescope elements	1.000, 1.003	
	SUS ² turbo spring	1.003	
	SUS ² compression spring (Nickel titanium)	3.200	
	SUS ² ball retainer clasps	1.000	
	Herbst TS set	1.001, 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 hexagon socket screws / Slotted screws	1.002	
	Herbst base/pivot	1.002	
	Herbst telescopic tubes	1.009	
	Herbst telescopic tubes with ball joint	1.000, 1.002, 1.003	
	Herbst telescopic rod / Spacer rings	1.002	
	Spacer rings, crimpable	1.002	
	Expansion screws	rematitan® expansion screw Medium	3.101, 3.102, 4.006
		Expansion screws, sectional screw Medium, trapezoidal expansion screw	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	
Expansion screw for split activator		1.002, 1.003	
Expansion screw for progenia activator acc. to Weise		1.002	
Piston spring screw, positioning screws, serrated housing nut		1.002	
Variety expansion screw / Variety SP expansion screw		1.000, 1.002, 1.003	
Titan hyrax® Maxi		3.102, 3.104	
Titanium direct bond pads		3.100	
rematitan® straight wire, round		3.100	
hyrax® / hyrax® click		1.000, 1.002, 1.003	
Arrows to indicate the opening direction		4.006	
Expansion screws accessories		Expansion screw key	1.003
	Safety key	1.003, 4.100	

*Note: if several materials are listed this means that the product consists of all these materials.

List of materials

1. Stainless steel

Composition in weight %

Identification No.	Material		C	Si	Mn	Cr	Mo	Ni	P	S	Others	Fe
	Name	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	Rest
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	Rest
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	Rest
1.003	Stainless steel (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	Rest
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	Rest
1.005	Stainless steel	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	Rest
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	Rest
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	Rest
1.008	Stainless steel	1.4541	≤ 0.08	≤ 1.0	≤ 2.0	17.0–19.0	–	9.0–12.0	≤ 0.045	≤ 0.3	Ti 5 x C to 0.7	Rest
1.009	Stainless steel	1.4542	≤ 0.07	≤ 0.7	≤ 1.5	15.0–17.0	≤ 0.6	3.0–5.0	≤ 0.040	≤ 0.03	Cu 3.0–5.0 Nb 5 x C to 0.45	Rest
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	Rest
1.011	Stainless steel	AISI 302	≤ 0.15	≤ 1.0	≤ 2.0	17.0–19.0	–	8.0–10.0	≤ 0.045	≤ 0.03	–	Rest
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	–	Rest
1.013	Stainless steel (remanium®)	AISI 304	≤ 0.08	≤ 1.0	≤ 2.0	18.0–20.0	–	8.0–10.5	≤ 0.045	≤ 0.03	–	Rest
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	Rest

*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
	Name	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	Rest	≤ 0.03	≤ 0.7	–	–	–	≤ 0.4
2.100	Brass	2.0321	–	62.0–65.5	≤ 0.3	≤ 0.1	Rest	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	–	–
2.101	Brass	2.0360	–	59.0–62.0	≤ 0.3	≤ 0.1	Rest	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	–	–
2.200	Silver filler	2.5153 L-Ag75	74–76	Rest	–	≤ 0.02	2.0–4.0	–	–	–	–	≤ 0.005	≤ 0.1
2.201	Silver filler	2.5147 L-Ag44	43–45	29–31	–	≤ 0.02	Rest	–	–	–	–	≤ 0.005	≤ 0.1
2.202	Silver filler	2.5159 L-Ag55Sn	54–57	21–23	–	≤ 0.02	Rest	–	–	2.0–5.0	–	≤ 0.005	≤ 0.1
2.203	Silver filler	2.5151 L-Ag72	71–73	Rest	–	≤ 0.02	–	–	–	–	–	≤ 0.005	≤ 0.1
2.204	Silver filler	–	43–46	18–22	–	–	6–10	–	–	2.0–6.0	–	–	≤ 0.3
2.205	Silver filler	–	57–61	15–18	–	–	Rest	–	–	–	–	–	≤ 0.3
2.300	Gold filler	–	38.5–39.5	Rest	–	–	–	–	–	–	–	–	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																	
	Name	Number (DIN)*	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.000	CoCr alloys (remaloy®)	–	19–23	4–6	≤ 1.0	18–22	3–5	3–5	0.1–2.0	≤ 0.5	≤ 0.03	Rest	–	≤ 0.1	–	–	–	–
3.001	CoCr alloys (Elgiloy®)	–	14–16	Rest	1.0–3.0	19–21	6–8	–	–	–	≤ 0.3	38–42	–	–	–	–	–	Be 0.01–0.09
3.002	CoCr alloys	–	–	27–31	≤ 1.0	28–32	4–6	–	–	≤ 0.1	≤ 0.35	31–35	–	–	–	–	–	–
3.003	CoCr alloys (topic, Ortho-Cast™ NF)	–	≤ 0.1	–	≤ 0.3	28–32	4–6	–	–	≤ 1.0	≤ 1.0	Rest	–	–	–	–	–	≤ 0.3
3.100	Titanium	3.7025	–	≤ 0.15	–	–	–	–	Rest	–	≤ 0.06	–	–	–	≤ 0.12	≤ 0.013	≤ 0.05	–
3.101	Titanium	3.7065	–	≤ 0.3	–	–	–	–	Rest	–	≤ 0.06	–	–	–	≤ 0.35	≤ 0.013	≤ 0.05	–
3.102	TiAl6V4	3.7165	–	≤ 0.3	–	–	–	–	Rest	–	≤ 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	–	–	–	–	Rest	–	≤ 0.06	–	–	–	≤ 0.18	≤ 0.013	≤ 0.05	–
3.200	NiTi alloy (rematitan® LITE (Tensic®) (Equire))	–	50–60	≤ 0.5	–	–	–	–	Rest	–	≤ 0.1	–	≤ 0.1	–	≤ 0.1	≤ 0.01	≤ 0.01	–
3.201	NiTiCu alloys	–	50–60	≤ 0.5	–	–	–	–	Rest	–	≤ 0.1	–	≤ 0.1	–	≤ 0.1	≤ 0.017	≤ 0.01	Cu < 1.0

4. Plastics

Identification No.	Material	
	Name	Symbol (DIN)*
4.000	Epoxide	EP
4.001	Polyamide	PA
4.002	Polycarbonate	PC
4.003	High-density polyethylene	PE-HD
4.004	Low-density polyethylene	PE-LD
4.005	Polymethylmethacrylate	PMMA
4.006	Polypropylene	PP
4.007	Polystyrene	PS
4.008	Polytetrafluorethylene	PTFE
4.009	Polyurethane	PUR
4.010	Polyvinylchloride	PVC
4.011	Polyvinylsiloxane	–
4.100	Acrylonitrile butadiene styrene	ABS
4.101	Ethylene vinylacetate	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	Others
	Name	Number (DIN)*	Al ₂ O ₃				
5.000	Aluminium oxide	–	99.99	–	–	–	≤ 0.01
5.001	Band cement	–	–	80–86	6–10	–	≤ 10

Alloy elements

Ag	silver	Ni	nickel
Al	aluminium	O	oxygen
Au	gold	P	phosphorus
Be	beryllium	Pb	lead
C	carbon	Pt	platinum
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

Note: The materials listed in tables 1–4 enable easy identification of chemical compositions. The "Identification No." stated in these columns are numbers based upon an agreement by German manufacturers of orthodontic products. Not all the listed materials are used by Dentaform.

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

mm ∅ descr. ¹	Wire 1 kg	mm ∅ descr. ¹	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*			

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	1 2 3 4 5 6 7 8
L 8	7 6 5 4 3 2 1
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

*Not responsible for 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
Strength of the electric current	Ampere	A
Thermodynamic temperature	Kelvin	K
Luminous intensity	Candela	cd
Substance quantity	Mol	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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889-032-00	150	891-400-00	94				
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