

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® Neon assortment Brightly colored orthodontic acrylics Liquid (monomer)

Neon-colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00/160-212-00). Disco glitter can also be used to enhance the effect of the colors.

REF 160-700-00	1 assortment
CE 0483 Contents:	
1 kg Orthocryl® powder (polymer), clear	REF 160-112-00
250 ml Orthocryl® liquid (monomer), neon yellow	REF 161-135-00
250 ml Orthocryl® liquid (monomer), neon orange	REF 161-136-00
250 ml Orthocryl® liquid (monomer), neon pink	REF 161-137-00
250 ml Orthocryl® liquid (monomer), neon green	REF 161-138-00
1 x Funnel	REF 162-600-00



NEW

Orthocryl® acrylics

Orthocryl® / Single packs



Orthocryl®

Powder (polymer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for the salt-and-pepper technique.

Also, very suitable for the doughing technique.

Color	REF	Quantity	REF	Quantity
clear	160-112-00	1 kg	160-212-00	10 kg

CE 0483



Orthocryl® EQ

Powder (polymer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for the doughing technique.

Also, very suitable for the salt-and-pepper technique.

Color	REF	Quantity	REF	Quantity
clear	160-300-00	1 kg	160-301-00	10 kg

CE 0483



Orthocryl® black & white

Powder (polymer), opaque

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Especially suited for the salt-and-pepper technique.

Also, very suitable for the doughing technique.

Color	REF	Quantity	REF	Quantity
black	160-011-00	200 g	160-013-00	1 kg
white	160-012-00	200 g	160-014-00	1 kg

CE 0483



Orthocryl® Neon

Brightly colored orthodontic acrylics

Liquid (monomer)

Neon-colored Orthocryl® liquid (monomer) for producing brightly colored orthodontic appliances. Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances. Easy processing, using both the doughing and the salt-and-pepper technique in conjunction with the clear Orthocryl® powder (polymer, REF 160-112-00/160-212-00). Disco glitter can also be used to enhance the effect of the colors.

Color	REF	Quantity
neon yellow	161-135-00	250 ml
neon orange	161-136-00	250 ml
neon pink	161-137-00	250 ml
neon green	161-138-00	250 ml

CE 0483

NEW

Orthocryl®

Liquid (monomer)

Cold curing acrylic resin permitting the simple and economical fabrication of orthodontic appliances.

Color	REF	Quantity	REF	Quantity	REF	Quantity
red	161-127-00	250 ml				
green	161-128-00	250 ml				
blue	161-129-00	250 ml				
yellow	161-130-00	250 ml				
turquoise	161-131-00	250 ml				
pink	161-132-00	250 ml				
emerald green	161-133-00	250 ml				
violet	161-134-00	250 ml				
clear			161-100-00	500 ml	161-150-00	1000 ml
transparent pink			161-300-00	500 ml	161-350-00	1000 ml



CE 0483

NEW

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



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

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Disco glitter



Orthocryl® Disco glitter

For coloring the removable appliances. The glitter is simply added as desired to the Orthocryl® powder (polymer) to give the appliance an attractive luster. No change in the processing of Orthocryl® is necessary. The appliances can be finished and polished without difficulty.

Mixing ratio:

0.5 : 100 (by volume glitter : powder)

Color	REF	Quantity
iris	161-605-00	50 g
red	161-606-00	50 g
blue	161-607-00	50 g
silver	161-608-00	50 g
gold	161-609-00	50 g
mother of pearl	161-611-00	50 g



Decals / Assortment

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

Contents:

Assortment consists of 20 individual designs
20 pieces each = 400 pieces, plus tweezers.

REF 160-100-00	1 assortment
CE Contents:	
20 x Crocodile	REF 160-100-01
20 x Frog	REF 160-100-02
20 x Parrot	REF 160-100-04
20 x Ladybug	REF 160-100-05
20 x Dragon	REF 160-100-06
20 x Fish	REF 160-100-07
20 x Formula 1 (Indy Racecar)	REF 160-100-09
20 x Elephant	REF 160-100-10
20 x Heart	REF 160-100-11
20 x Duck	REF 160-100-12
20 x Dinosaur	REF 160-100-13
20 x Motorcycle	REF 160-100-14
20 x Snail	REF 160-100-15
20 x Teddybear	REF 160-100-16
20 x Mushrooms	REF 160-100-18
20 x Car	REF 160-100-19
20 x Raven	REF 160-100-27
20 x Devil	REF 160-100-29
20 x Soccer Player	REF 160-100-31
20 x Mouse	REF 160-100-45



Decal "Football"

Sheet with two different sizes of design

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

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



CE

Decal "Beaver"

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

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



CE

Decal "Black Edition"

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

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



CE

Decals

Decals

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



Motif	REF	Quantity
Hello Beaver	160-100-42	2 sheets = 20 pieces
Horse	160-100-43	2 sheets = 20 pieces
Pink Pony	160-100-44	2 sheets = 20 pieces
Unicorn	160-100-46	2 sheets = 20 pieces

CE

NEW

Decals

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



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

CE

Decals

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

Motif	REF	Quantity
Ladybug	160-100-05	20 pieces
Dragon	160-100-06	20 pieces
Fish	160-100-07	20 pieces
Formula 1 (Indy Racecar)	160-100-09	20 pieces
Elephant	160-100-10	20 pieces
Heart	160-100-11	20 pieces
Duck	160-100-12	20 pieces
Dinosaur	160-100-13	20 pieces
Motorcycle	160-100-14	20 pieces
Snail	160-100-15	20 pieces



Decals

Decals

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



Motif	REF	Quantity
Teddybear	160-100-16	20 pieces
Mushrooms	160-100-18	20 pieces
Car	160-100-19	20 pieces
Raven	160-100-27	20 pieces
Spider	160-100-28	20 pieces
Devil	160-100-29	20 pieces
Graffiti	160-100-30	20 pieces
Soccer Player	160-100-31	20 pieces
Mouse	160-100-45	20 pieces
Dolphin	160-100-34	20 pieces



Spray bottle

For powder (polymer) and liquid (monomer).

Capacity	REF	Quantity
100 ml	162-100-00	1 piece



Spray nozzle for Orthocryl® liquid (monomer)

Inner ø	Length	REF	Quantity
0.40 mm	10 mm	162-752-00	12 pieces



Spray nozzle for Orthocryl® powder (polymer)

REF 162-751-00	1 piece
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Mixing bowl made of silicone

Flexible, with suction base. For all mixing jobs in the practice and laboratory.

Do not use with silicone materials!

Capacity	REF	Quantity
5 ml	162-501-00	3 pieces
25 ml	162-502-00	1 piece
75 ml	162-503-00	1 piece



Funnel

REF 162-600-00	1 piece
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Measuring beaker

REF 162-200-00	1 piece
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Dispensing pipette

For Orthocryl® color concentrates.

REF 162-101-00	10 pieces
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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



Thermo wax

- heat-resistant wax for blocking-out
- for covering springs used in the Orthocryl® technique
- prevents acrylic from becoming milky in appearance

Melting point	Color	REF	Quantity
87 °C / 188.6 °F	pink	120-170-00	50 g



Sticky wax

- good adhesive effect on all materials
- ideal for the fixation of retentive or support elements, repair and soldering work

Melting point	Color	REF	Quantity
71 °C / 159.8 °F	red	122-300-00	60 g

Bur for acrylics**with mill toothing cut, straight**

- cutting properties

Application: acrylicsMaximum speed: 15000 min⁻¹

ISO Number	Size	Form	REF	Quantity
310.104.266.171.040	small	bud, rounded, long	180-201-00	1 piece
310.104.266.171.050	medium	bud, rounded, long	180-202-00	1 piece
310.104.260.171.070	medium	bud, rounded	180-304-00	1 piece
310.104.260.171.080	large	bud, rounded	180-305-00	1 piece

**Super hard metal bur****with cross toothing cut, coarse**

- high precision milled
- best cutting properties

Application: plaster, acrylicsRecommended speed: 15000–20000 min⁻¹Maximum speed: 30000 min⁻¹

ISO Number	Form	REF	Quantity
500.104.263.190.070	bud, rounded, slender	180-308-00	1 piece



Accessories

Super hard metal bur and cutter with cross toothing cut, coarse

- high precision milled
- best cutting properties

Application: acrylics, cast partial denture

Recommended speed: 20000–25000 min⁻¹

Maximum speed: 50000 min⁻¹



ISO Number	Form	REF	Quantity
500.104.116.190.023	cylindrical, only side cutting	123-580-00	1 piece
500.104.137.190.023	cylindrical, domed end	123-581-00	1 piece
500.104.292.190.023	torpedo, cylindrical	123-582-00	1 piece
500.104.001.190.023	spherical (round), ø 2.1 mm	123-583-00	1 piece
500.104.274.190.060	bullet	123-584-00	1 piece
500.104.194.190.023	conical, domed end	123-585-00	1 piece

Super hard metal bur with cross 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 bur**with mill toothing cut, wound right**

- tungsten carbide
- precision cut
- best cutting properties

Application: CoCr alloys, acrylicsRecommended speed: 20000–25000 min⁻¹Maximum 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.

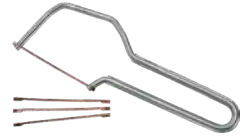
Small saw with replaceable blades.

Contents:

Saw incl. 3 saw blades

REF 180-702-00

1 piece

**Saw blade**

For saw.

Length	REF	Quantity
70 mm	180-703-00	5 pieces

**Polishing brush**

For polishing machines.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial dentureMaximum 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 prostheticsMaximum speed: 1500 min⁻¹

ø	REF	Quantity
80 mm	141-710-00	1 piece



Accessories



Polishing brush

Short Chungking bristles, for polishing machines.

Application: orthodontics, crowns and bridges, cast partial denture

Maximum speed: 6000 min⁻¹

Number of brush ranges	ø	REF	Quantity
2	60 mm	141-711-00	10 pieces
3	60 mm	141-712-00	10 pieces



Palatal cup brush

Chungking bristles, for polishing machines.

Application: orthodontics, plastic prosthetics

Maximum speed: 3000 min⁻¹

ø	REF	Quantity	REF	Quantity
30 mm	141-713-10	1 piece	141-713-00	10 pieces



Cloth polishing brush, mounted

For handpiece.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture

Recommended speed: 1500–4000 min⁻¹

Maximum speed: 5000 min⁻¹

ø	REF	Quantity
20 mm	181-100-01	6 pieces



Cloth polishing brush

For polishing machines.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture

Maximum speed: 5000 min⁻¹

ø	REF	Quantity
100 mm	181-200-00	1 piece



Chamois leather polishing brush

For high shine polish, for polishing machines.

Application: orthodontics, crowns and bridges, plastic prosthetics, cast partial denture

Maximum speed: 1500 min⁻¹

ø	REF	Quantity
90 mm	181-201-00	1 piece

Edelweiss 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 reliningRecommended speed: 10000 min⁻¹Maximum 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



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



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



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	50/60 Hz
Weight	2.6 kg
Dimensions (W x H x D)	240 x 240 x 75 mm



Suction apparatus with charcoal filter

For protection against vapor during processing of acrylics in the laboratory.

- controlled by a photoelectric sensor (automatic switch on/off)
- includes hour meter
- easy-change filter (replace the filter cartridge, REF 072-001-30, after approx. 50 operating hours)

Power voltage	REF	Quantity
230 V~	072-001-00	1 piece
115 V~	072-002-00	1 piece

Technical data

Output	100 W
Power frequency	50 Hz
Weight	6 kg
Dimensions (W x H x D)	220 x 260 x 260 mm

activeblue® cleaning unit

With activefluid® cleaning fluid.

For the gentle removal of plaque from orthodontic removable appliances.

Included:

- 1 x cleaning fluid, 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



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



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Premium-Line pliers / Removable appliance technique	Page 380
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Premium-Line pliers.

Premium quality – premium function.



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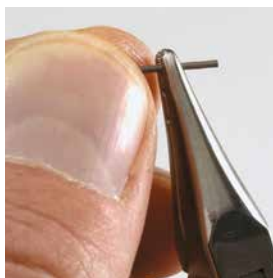


One program to cover all areas.

Whether for removable orthodontics or for prosthetics, the Dentaaurum pliers program covers all standard requirements. The user can always trust in consistent quality and reliability. This ensures quicker, more effective use.

Made in Germany.

Highly experienced craftsmanship and state-of-the-art machinery have been used to produce these high-quality pliers which remain true to the tag line "Made in Germany". For this reason, Dentaaurum's Premium-Line pliers are extra long-lasting*.






PREMIUM
LINE

10 year guarantee!**



*For instructions on how to clean and take care of the Dentaaurum pliers and instruments, please refer to our separate information sheet REF 989-590-20.

**The 10 year guarantee is on material and workmanship, loosening of cutting inserts, breakage and corrosion of pliers' body, providing the instruments have been used correctly and properly maintained. The guarantee does not apply if the equipment has been manipulated in any way.

Premium-Line pliers / Fixed appliance technique



Ortho-Cast M-Series cap removal pliers sterilizable

With replaceable blade.

Only suitable for use with Ortho-Cast M-Series buccal tubes.

Components supplied:

Pliers, fitted with a blade plus two replacement blades and one hex key.

Premium-Line · 10 year guarantee

REF 003-805-00

1 piece

CE

NEW



Blades sterilizable

For Ortho-Cast M-Series cap removal pliers, REF 003-805-00.

Components supplied:

10 blades + 2 screws

REF 038-805-10

10 pieces

CE

NEW



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

Premium-Line pliers / Fixed appliance technique

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



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

CE



Oliver-Jones band removing pliers sterilizable

With replaceable plastic tip. With hard metal insert. Repair service available.

Premium-Line · 10 year guarantee

REF 026-347-00

1 piece

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



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

CE



Premium-Line pliers / Fixed appliance technique



Separating pliers sterilizable

For expanding Dentalastics® separating rings before positioning.

Premium-Line · 10 year guarantee

REF 015-160-00

1 piece



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



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



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: $\square$ 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: $\square$ 0.56 x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-702-00

1 piece



Premium-Line pliers / Fixed appliance technique

Distal end cutter Maxi

sterilizable

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

Length: 12.0 cm

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

Premium-Line · 10 year guarantee

REF 003-700-00

1 piece

CE



Flush Cutter Mini with silicone O-ring

sterilizable

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

Length: 11.7 cm

Max. wire thickness: $\varnothing$ 0.50 mm / 20

Premium-Line · 10 year guarantee

REF 003-705-00

1 piece

CE



Flush Cutter Maxi with silicone O-ring

sterilizable

With longer handle for easier handling when shortening round wires in the multi-bracket technique. Elastic wire holder due to silicone O-ring, REF 037-356-00. Inserts made of hard metal.

Length: 14.2 cm

Max. wire thickness: $\varnothing$ 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



Premium-Line pliers / Fixed appliance technique



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



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



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



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: $\boxtimes$ 0.56 x 0.70 mm / 22 x 28
Premium-Line · 10 year guarantee

REF 003-442-00

1 piece



Weingart universal pliers sterilizable

For positioning the arch and bending the arch wire ends. Accurately closing serrated tips. With hard metal inserts.

Also suitable for debonding brackets.
Max. wire thickness: $\varnothing$ 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-120-00

1 piece



Weingart universal pliers Mini sterilizable

Very slender design. For holding and positioning the arch. Accurately closing serrated tips.

Not suitable for debonding brackets.
Max. wire thickness: $\varnothing$ 0.5 mm, hard
Premium-Line · 10 year guarantee

REF 003-121-00

1 piece



Premium-Line pliers / Fixed appliance technique

Lingual bending pliers

sterilizable

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

Steps: 1.5; 2.0; 2.5 and 3.0 mm

Max. wire thickness: ø 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: ø 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 000-001-00

1 piece

CE



Nance loop closing pliers

sterilizable

For bending stop loops and as special pliers for Adams clasps.

Max. wire thickness: ø 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: ø 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: ø 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: ø 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 012-351-00

1 piece

CE



Hard metal tip

sterilizable

For Tweed loop forming plier, REF 012-351-00.

REF 038-357-00

3 pieces

CE



Premium-Line pliers / Fixed appliance technique



De La Rosa contouring pliers sterilizable

With guiding grooves for forming round and square arches 16, 18, 22.

Premium-Line · 10 year guarantee

REF 004-109-00

1 piece



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



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



Crimping pliers sterilizable

Tip with V-shaped notch for holding and crimping sliding/clamping and stop tubes.

Premium-Line · 10 year guarantee

REF 003-711-00

1 piece



Angle wire bending pliers standard sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak.

Max. wire thickness: $\varnothing 0.7$ mm, hard

Premium-Line · 10 year guarantee

REF 003-139-00

1 piece



Angle wire bending pliers sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak. Inserts made of hard metal.

Max. wire thickness: $\varnothing 0.7$ mm, hard

Premium-Line · 10 year guarantee

REF 004-139-00

1 piece



Premium-Line pliers / Fixed appliance technique

Facebow bending pliers Magnum sterilizable

Ideal for bending the outer bows of a facebow.
Max. wire thickness: $\varnothing$ 1.8 mm

Premium-Line · 10 year guarantee

REF 003-180-01

1 piece

CE



Loop forming pliers Extra Mini sterilizable

Ideally suited for forming different loops and adjusting
preshaped arches for the fixed appliance technique.

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

Premium-Line · 10 year guarantee

REF 003-350-00

1 piece

CE



Loop forming pliers Mini sterilizable

For loop forming and bending of round and rectangular wires.

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

Premium-Line · 10 year guarantee

REF 003-351-00

1 piece

CE



Ligature forming pliers sterilizable

For forming ligatures.

Max. wire thickness: $\varnothing$ 0.3 mm, soft

Premium-Line · 10 year guarantee

REF 015-158-00

1 piece

CE



Hammer head pliers sterilizable

For bending nickel-titanium arches/wires in the molar region.

The two ends fit together like a tongue and groove around
the nickel titanium wire, so that the ends of the wire attain
the required bend with one squeeze of the pliers.

Max. wire thickness:

$\varnothing$ 0.45 mm / 18, ∇ 0.41 x 0.56 mm / 16 x 22

Premium-Line · 10 year guarantee

REF 003-355-00

1 piece

CE



Aderer 3-Prong pliers Extra Mini sterilizable

For bending wires/arches for the fixed appliance technique.

Specially suited for bending NiTi wires/arches such as
rematitan® "LITE" and Tensic®.

Max. wire thickness:

$\varnothing$ 0.5 mm, hard, ∇ 0.48 x 0.64 mm / 19 x 25

Premium-Line · 10 year guarantee

REF 003-205-00

1 piece

CE



Premium-Line pliers / Removable appliance technique



Loop forming pliers Medium

For bending small springs, eyelets and loops.

Max. wire thickness: $\varnothing$ 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 003-053-00

1 piece



Loop forming pliers Maxi

For bending coffin springs, loops and space maintainers.

Max. wire thickness: $\varnothing$ 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 003-233-00

1 piece



Ruhland loop forming pliers Magnum

For bending coffin springs and connecting springs, labial arches and U-loops.

Max. wire thickness: $\varnothing$ 1.1 mm, hard

Premium-Line · 10 year guarantee

REF 001-650-00

1 piece



Adams pliers Medium

With two smooth, rectangular beaks. Tungsten carbide coated working faces. Repair service available.

Length: 12.0 cm

Max. wire thickness: $\varnothing$ 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 003-515-00

1 piece



Adams pliers Medium

With two smooth, rectangular beaks.

Inserts made of hard metal. With guiding groove.

Length: 12.0 cm

Max. wire thickness: $\varnothing$ 0.7 mm, spring hard

Premium-Line · 10 year guarantee

REF 004-515-00

1 piece



Adams pliers Maxi

With two smooth, rectangular beaks.

Length: 14.5 cm

Max. wire thickness: $\varnothing$ 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 003-094-00

1 piece

Premium-Line pliers / Removable appliance technique

Adams pliers Medium

With one smooth, rectangular and one smooth, rounded beak.

Length: 14.0 cm

Max. wire thickness: $\varnothing$ 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 003-516-00

1 piece



Adams pliers Maxi

With one smooth, rectangular and one smooth, rounded beak. Inserts made of hard metal.

Length: 16.0 cm

Max. wire thickness: $\varnothing$ 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 004-095-00

1 piece



Wire bending pliers, wide

Serrated tips. Suitable for activating finger springs.

With guiding groove.

Max. wire thickness: $\varnothing$ 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 033-452-00

1 piece



Wire bending pliers Maxi

Universal bending and cutting pliers.

Inserts made of hard metal.

Max. wire thickness: $\varnothing$ 0.9 mm, hard

Cuts up to: $\varnothing$ 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 013-522-00

1 piece



Universal wire bending pliers

With serrated tips and guiding grooves. Tungsten carbide coated working faces. Repair service available.

Max. wire thickness: $\varnothing$ 0.8 mm, hard

Premium-Line · 10 year guarantee

REF 003-290-00

1 piece



Pointed beak pliers

Smooth beaks with guiding groove.

Inserts made of hard metal.

Max. wire thickness: $\varnothing$ 0.7 mm, spring hard

Premium-Line · 10 year guarantee

REF 004-455-00

1 piece



Premium-Line pliers / Removable appliance technique



Pointed beak pliers

Serrated beaks with guiding groove. Fine pointed.

Max. wire thickness: $\varnothing$ 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 035-455-00

1 piece



Young loop 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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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
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CE



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

REF 038-356-00	4 pieces
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CE



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
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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
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CE



Oliver-Jones band removing pliers
sterilizable
With replaceable plastic tip.

REF 045-004-00	1 piece
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CE



Plastic tips
sterilizable
For Oliver-Jones band removing pliers, REF 026-347-00 and 045-004-00.

REF 039-357-00	10 pieces
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CE



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
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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

CE



Weingart universal pliers sterilizable

For positioning the arch and bending the arch wire ends. Accurately closing serrated tips.

Max. wire thickness: $\varnothing$ 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: $\varnothing$ 0.7 mm, spring hard

REF 045-010-00

1 piece

CE



Jarabak light wire pliers sterilizable

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

REF 045-009-00

1 piece

CE



Tweed loop forming pliers sterilizable

For especially fine bendings.

Max. wire thickness: $\varnothing$ 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: $\varnothing$ 0.7 mm, hard

REF 045-002-00

1 piece

CE



EQ-Line pliers / Removable appliance technique



Loop forming pliers Medium

Max. wire thickness: $\varnothing$ 0.7 mm, hard

REF 045-012-00

1 piece



Loop forming pliers Maxi

E.g. for bending space maintainers.

Max. wire thickness: $\varnothing$ 0.8 mm, hard

REF 045-013-00

1 piece



Ruhland loop forming pliers Magnum

For bending coffin springs and connecting springs, labial arches and loops.

Max. wire thickness: $\varnothing$ 1.1 mm, hard

REF 045-014-00

1 piece



Adams pliers Medium

With two smooth rectangular beaks.

With guiding groove.

Max. wire thickness: $\varnothing$ 0.7 mm, hard

REF 045-015-00

1 piece



Adams pliers Maxi

With two smooth rectangular beaks.

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 / Fixed and removable appliance technique



Distal end cutter, lingual sterilizable

Max. wire thickness: $\square$ 0.41 x 0.56 mm / 16 x 22

REF 003-703-00

1 piece



Ligature cutter, lingual sterilizable

Max. wire thickness: $\varnothing$ 0.35 mm / 14

REF 014-153-00

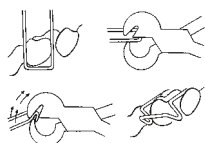
1 piece



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

Lip retractor**sterilizable, maximum 50 x up to 121 °C / 249.8 °F**

For efficient work without assistance. With flexible connector.

Version	Material	REF	Quantity
small	plastic	075-601-00	1 piece
large	plastic	075-600-00	1 piece



CE

Crimping tweezers**sterilizable**

For bracket placement. The blade at the end of the tweezers can be used for angulating brackets. Delicate design.

REF 025-277-00	1 piece
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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 brackets **discovery® sl** (Roth system), **dynamique® m** and **dynamique® c**, and for easier ligation of the archwire.
Handle color: gold

REF 023-276-00	1 piece
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sl-instrument
sterilizable
For opening and closing self-ligating brackets **discovery® sl 2.0** (McLaughlin-Bennett-Trevisi* system) and easier ligation of the archwire.
Handle color: silver

REF 023-277-00	1 piece
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* 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.



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 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
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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



Needle holder Medium

acc. to Mathieu

sterilizable

Ideal for ligating. Convenient and practical design with serrated tips.

REF 000-030-00

1 piece



Needle holder medium, with finger ring

acc. to Bachmann

sterilizable

Eases ligating with the middle finger under constant pull. Can also be used in ligating jaw fracture splints. With serrated tips.

REF 000-035-00

1 piece



Needle holder Mini

acc. to Mathieu

sterilizable

With especially fine serrated tips. For Dentalastics® plastic ligatures. **Not for wire ligatures.**

REF 000-031-00

1 piece



Mosquito forceps without hook

sterilizable

Crown forceps or for placing Dentalastics® plastic ligatures.

REF 000-730-00

1 piece



Mosquito forceps with hook

sterilizable

For placing Dentalastics® plastic ligatures.

REF 000-731-00

1 piece



Mosquito forceps, curved

sterilizable

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

REF 000-732-00

1 piece



Instruments



Dental mirror with reference lines (assembled), lingual sterilizable

REF 023-279-00	1 piece
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CE



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

REF 023-279-10	1 piece
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CE



Positioning tool, lingual sterilizable

REF 023-278-00	1 piece
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CE



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
Screw	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 ø: 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.

ø 0.35 mm / 14, ▣ 0.35 mm / 14

ø 0.41 mm / 16, ▣ 0.41 mm / 16

ø 0.46 mm / 18, ▣ 0.46 mm / 18

ø 0.48 mm / 19, ▣ 0.48 mm / 19

ø 0.51 mm / 20, ▣ 0.51 mm / 20

Color: silver

REF 004-190-00

1 piece



Tension and compression gauge

Handy device for measuring tensile and compressive forces.

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

Measuring scales on pressure and tension sides.

Not approved for intraoral use!

Measuring range: 25–500 g

REF 006-013-00

1 piece



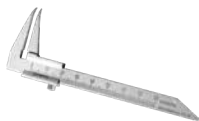
Measuring gauge

For measuring tensile and compressive forces.

Measuring range	REF	Quantity
25–250 g	040-711-00	1 piece
50–500 g	040-712-00	1 piece
100–1000 g	040-713-00	1 piece



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



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



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

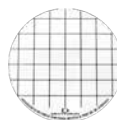


Centimeter disc

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

REF 029-362-00

1 piece

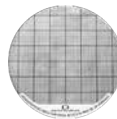


Millimeter disc

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 intra-oral use!

REF 028-353-00

1 piece



Bow divider

Standard design. For surveying the model and measuring tooth widths by positioning on the model.
Not approved for intra-oral use!

REF 030-395-03

1 piece



Diagnostics



Tip for bow divider

For bow divider (REF 030-395-02 and 030-395-03).

REF 030-396-02

1 piece



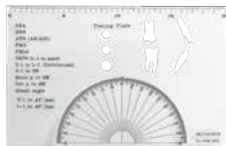
Cephalometric tracing kit

Contents:

- 4 lead pencils with lead $\varnothing$ 0.5 mm
- 1 package (= 12 pieces) red refills
- 1 package (= 12 pieces) green refills
- 1 package (= 12 pieces) blue refills
- 1 protractor (ruler)

REF 075-400-01

1 set



Tracing-protractor template, standard

Material: plastic

With protractor and tooth symbols.

For evaluation of radiographs.

Dimensions: 207 x 132 mm

Color: transparent

REF 004-368-00

1 piece



Tracing-protractor template

acc. to Ricketts®

Material: plastic

For evaluation of radiographs. With mm scale, protractor and cut out tooth symbols for tracing.

Dimensions: 197 x 74 mm

Color: transparent, clear

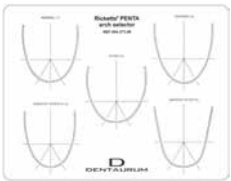
REF 004-369-00

1 piece

Penta arch template

acc. to Ricketts®
Material: plastic
For determining the Penta archwire shape.
Dimensions: 30.3 x 21.6 cm
Color: transparent, clear

REF 004-373-00	1 piece
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Tracing foils

For radiograph tracings. One side mat, other side shiny. Tear-off pad.

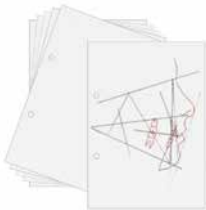
Dimensions	REF	Quantity
17.5 x 23.5 cm	075-100-00	100 pieces
24 x 30 cm	075-101-00	100 pieces



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
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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



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 ø: 2.35 mm
- do not use disinfectants containing ethanol,
phenol or alcohol

Color: transparent, clear

REF 089-431-00

1 piece



Marking pencil

Wax pencil

Color: white

REF 043-700-00

6 pieces



Marking pencil

indelible

Color	REF	Quantity
black	043-800-00	1 piece
red	043-900-00	1 piece





Equipment.

For professional workmanship.



DENTAURUM
**ONLINE
SHOP**
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Certified quality made in Germany.

Dentaurum equipment has been developed, manufactured and tested in close collaboration with internal and external users. The focus is on easy handling and high quality ensuring long durability.

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 neatly.

Thermomat

Electrical 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, depending on how often the unit is used. It is possible to find a suitable unit to meet every requirement in an orthodontic practice or laboratory. The function of the unit and selection of accessories available, along with the unit's ergonomic design, are all based upon years of developmental experience and close collaboration with orthodontists.

Modern technology – excellent working results.

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

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

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

- 6 welding settings and 2 soldering settings.

Junior 3000 – the low-cost unit for occasional use.

Optimal results can be achieved with the Junior 3000 for occasional use. This unit is exceptionally easy to operate and has clear and manageable functions.



Dentaurum laser technology.

For professional welding in orthodontics.

Laser welding – the modern joining technique.

Laser welding allows more efficient processing. You can save up to 80 % of your time compared to traditional soldering. 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 soldered joints is rated rather low. Consequently, metallurgists and toxicologists have recently taken a very critical stance towards the traditional soldering method. The problem is further aggravated by increasing occurrences of allergic reactions. By using the laser welding technique, you can avoid this issue.



Maximum stability.

Laser-welded connections present a significantly higher mechanical resistance and are more durable than soldered connections. This means greater security and higher quality for the orthodontist and the patients.

Broad spectrum of application.

With laser welding entering into the field of dental joining techniques, the spectrum of 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 can cover the whole range of dental materials using laser welding.

The ergonomics – extremely user-friendly.

A special characteristic feature of the Dentaureum laser is its special ergonomic design. Working becomes a relaxed and easy affair for you.

- The Dentaureum laser shows its excellent ergonomics in the optimal inclination of the laser axis. Thereby not only do you sit relaxed in front of the microscope, but you can also hold the workpiece at an optimal angle.
- The 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 weld with high stability.

Equipment and accessories



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

desktop Compact

Laser welding – powerful and easy to use.

More than 20 years of dental laser welding technique accumulated in a compact table unit. From delicate, detailed welding to secure joints, the desktop Compact laser can be used for all areas of application in dental prosthetics and orthodontics. The finely adjustable dosage makes welding so much easier. Until now, such compact machine measurements were not available in this laser performance category. Simple machine operation prevents fatigue during work.

Advantages:

- extremely compact table top unit
- clear and user-friendly touchscreen
- high output reserve
- ergonomically designed – large working chamber with inclining laser axis
- high-quality microscope with a wide field of vision
- integrated pulse forming – 4 pre-set pulse shapes
- two inert gas nozzles, 1 x flexible and 1 x fixed retractable
- large pulse adjustment range – easy operation using joysticks
- integrated extraction and cool air nozzle

Further product information is available on request.

Electrically adjustable stand

The answer to unsurpassed ergonomics with the Dentaurem 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 Dentaurem desktop laser-welding units



Power voltage	REF	Quantity
230 V~	090-574-00	1 piece

Technical data

Power frequency	50 Hz
min. working height	740 mm
max. working height	1090 mm

Argon fitting

For laser.

For connecting the laser to the argon bottle.

- flow rate shown in liters

REF 090-404-00	1 assortment
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Armrest cushion

For laser.

REF 090-513-10	2 pieces
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Equipment and accessories



CoCr welding wire

Various dimensions to be used as a filling soldering wire for all CoCr alloys.

ø	Length	REF	Quantity
0.25 mm / 10	2 m	528-215-10	1 piece
0.35 mm / 14	2 m	528-210-10	1 piece
0.50 mm / 20	2 m	528-200-10	1 piece

CE 0483

Composition (percentage by mass)

Co	Cr	Mo
65.0	28.0	5.5

Additional elements ≤ 1 %: Mn, Si



NiCr welding wire

For laser welding NiCr based alloys. Specifically for high grade alloys such as remanium® CS+, CSe and G-soft.

ø	Length	REF	Quantity
0.50 mm / 20	2 m	528-220-00	1 piece

CE 0483

Composition (percentage by mass)

Ni	Cr	Mo	Nb
63.0	22.0	9.0	3.5

Additional elements ≤ 1 %: Al, Fe, Ti, Co



rematitan® wire on coils

Titanium grade 1

Norm: DIN 17850

For laser welding.

Recommended as filler material for laser welding, e.g. with titanium RPE appliances (Titan hyrax® Maxi – 12).

ø	Length	REF	Quantity
0.40 mm / 16	2 m	528-039-50	1 piece
0.70 mm / 28	2 m	528-040-50	1 piece

CE 0483

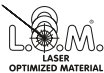


rematitan® straight wire

Titanium grade 1
Norm: DIN 17850
For laser welding.
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

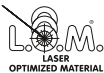


rematitan® straight wire

Titanium grade 1
Norm: DIN 17850
For laser welding.

ø rolled	Length	REF	Quantity
0.25 x 3.0 mm / 10 x 118	each 100 mm	528-044-00	10 pieces
0.5 x 1.5 mm / 20 x 59	each 100 mm	528-043-00	10 pieces

CE 0483



Equipment and accessories



Spot welding unit Junior 3000

- no continuous soldering
- toggle switch for operating mode
- connection for hand electrode
- connection for foot switch

Hand electrodes, holder for hand electrodes and foot switch are not included!

Power voltage	REF	Quantity
230 V~	077-000-00	1 piece

Technical data

Output	115 W
Welding power	up to 1200 A
Welding stages	2 stages
Soldering stages	1 stage
Electric fuse	T 2 A
Power frequency	50/60 Hz
Weight	7 kg
Dimensions (W x H x D)	335 x 130 x 310 mm

Spot welding unit Assistent 3000

- button for continuous soldering
- LED display
- automatic voltage detection
- current limitation if electrode is incorrect
- power saving device (stand-by mode if not used for 10 minutes)
- error indications for:
 - overheating
 - mix-up of electrodes
- connection for hand electrode
- connection for foot switch

Hand electrodes, holder for hand electrodes and foot switch are not included!



Power voltage	REF	Quantity
110–240 V~	078-000-00	1 piece

Technical data

Output	140 W
Welding power	up to 2000 A
Welding stages	6 stages
Soldering stages	2 stages, continuous soldering
Electric fuse	T 3:15 A
Power frequency	50–60 Hz
Weight	8 kg
Dimensions (W x H x D)	335 x 130 x 310 mm



Equipment and accessories



Spot welding unit Master 3000

- infinite power adjustment in all modes
- button for continuous soldering
- LCD-display with 5 language settings (German, English, French, Italian, Spanish) for selection by the customer
- automatic voltage detection (110–240 V~)
- current limitation if electrode is incorrect
- power saving device (stand-by mode if not used for 10 minutes)
- error indications for:
 - overheating
 - mix-up of electrodes
 - system problems
- printer connection e.g. for welding report as patient documentation, (REF 090-581-00)
- connection for hand electrode
- connection for foot switch

Hand electrodes, holder for hand electrodes and foot switch are not included!

Power voltage	REF	Quantity
110–240 V~	079-000-00	1 piece

Technical data

Output	140 W
Welding power	up to 2200 A
Welding stages	stageless
Soldering stages	stageless, continuous soldering
Electric fuse	T 3: 15 A
Power frequency	50–60 Hz
Weight	8.2 kg
Dimensions (W x H x D)	335 x 130 x 310 mm

Foot switch

To be used with the spot welding units Junior 3000, Assistant 3000 and Master 3000.

REF 080-116-00

1 piece

**Hand electrode**

Suitable for all Dentaaurum spot welding units.

REF 081-101-00

1 piece

**Holder for hand electrode**

For the spot welding units Junior 3000, Assistant 3000 and Master 3000.

Version	REF	Quantity
for right and left side	081-204-00	2 pieces
for right side	081-205-00	1 piece
for left side	081-206-00	1 piece

**Soldering carbon for hand electrode**

Suitable for all Dentaaurum spot welding units.

- copper casing

REF 081-601-00

1 piece

**Electrode, notched, for hand electrode**

Suitable for all Dentaaurum spot welding units.

- for soft-annealing, tempering and welding

REF 081-501-00

2 pieces

**Clamping electrode for hand electrode**

Suitable for all Dentaaurum spot welding units.

- for soft-annealing, tempering and welding

REF 081-701-00

1 piece



Equipment and accessories

Welding electrode

Suitable for all Dentaaurum spot welding units.

Material: copper



Welding electrode	Version	REF	Quantity
upper	round, fine	085-000-00	1 piece
upper	wide, flat	085-100-00	1 piece
upper	round, thick	085-200-00	1 piece
lower	round, fine	086-000-00	1 piece
lower	wide, notched	086-100-00	1 piece
lower	round, thick	086-200-00	1 piece
lower	wide, flat	086-300-00	1 piece



Soldering electrode

Suitable for all Dentaaurum spot welding units.

- carbon with holder

REF 085-300-00

1 piece



Carbon insert

For soldering electrode (REF 085-300-00).

REF 085-400-00

10 pieces

Screw

- for tightening electrodes on Dentaaurum spot welding units

REF 084-100-00

10 pieces

**Fuse**

Characteristic	Power	REF	Quantity
slow	2.00 A	907-047-10	1 piece
slow	3.15 A	907-037-10	1 piece

**Screwdriver**

- for replacing electrodes on all Dentaaurum spot welding units

REF 083-100-00

1 piece

**File**

- for cleaning copper and carbon electrodes on spot welding units

REF 083-300-00

10 pieces

**Heat protection**

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

REF 380-070-00

100 g

**Dentaflux® flux**

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

REF 681-100-00

50 g



Equipment and accessories



Universal silver solder

- in rods
- ready fluxed
- cadmium free

Not approved for intraoral use!

Ø	1–1.1 mm
Working temperature	700 °C / 1292 °F

REF 380-604-50	1.2 g
REF 380-604-60	10 x 1.2 g

Composition (percentage by mass)

Ag	Zn	Cu
59.0	24.0	16.0

with flux



Universal silver solder

- in coils
- without flux
- cadmium free

Not approved for intraoral use!

Working temperature	700 °C / 1292 °F
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REF 380-704-50	10 g
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Composition (percentage by mass)

Ag	Zn	Cu
59.0	25.0	16.0

without flux



White gold solder

- in rods
- ready fluxed
- purity: ct 18.6
- cadmium free

Not approved for intraoral use!

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

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

Composition (percentage by mass)

Au	Ni	Zn
77.0	16.0	6.0

with flux

activeblue® cleaning unit

With activefluid® cleaning fluid.

For the gentle removal of plaque from orthodontic removable appliances.

Included:

- 1 x cleaning fluid, 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 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	50/60 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 vapor during processing of acrylics in the laboratory.

- controlled by a photoelectric sensor (automatic switch on/off)
- includes hour meter
- easy-change filter (replace the filter cartridge, REF 072-001-30, after approx. 50 operating hours)

Power voltage	REF	Quantity
230 V~	072-001-00	1 piece
115 V~	072-002-00	1 piece

Technical data

Output	100 W
Power frequency	50 Hz
Weight	6 kg
Dimensions (W x H x D)	220 x 260 x 260 mm

Dual wheel model trimmer

For plaster models.

Coarse and fine corundum grinding wheels. Can be used on either side. Separately controlled motor switches with 450 W capacity. Individually controlled water pressure by a magnetic water valve. Work area with squaring and angulation devices.



Power voltage	REF	Quantity
230 V~	091-100-00	1 piece

Technical data

Output	2 x 450 W
Turning rotations	1400 min ⁻¹
Power frequency	50/60 Hz
Weight	39 kg
Dimensions (W x H x D)	530 x 400 x 385 mm

Corundum disc

For Dentaurem 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 Dentaurem 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 tip for the Thermomat

Designation	REF	Quantity
Wax knife, small	089-602-00	1 piece
Wax knife, large	089-605-00	1 piece
Modeling tip, fine	089-603-00	1 piece
Modeling tip, medium	089-604-00	1 piece
Modeling spoon	089-606-00	1 piece



Handpiece with cable

For Thermomat (REF 089-620-00).

REF 089-612-00	1 piece
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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, training assistants and dental students as well as for all fields of medicine which 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 5 languages:



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French



Spanish



Portuguese

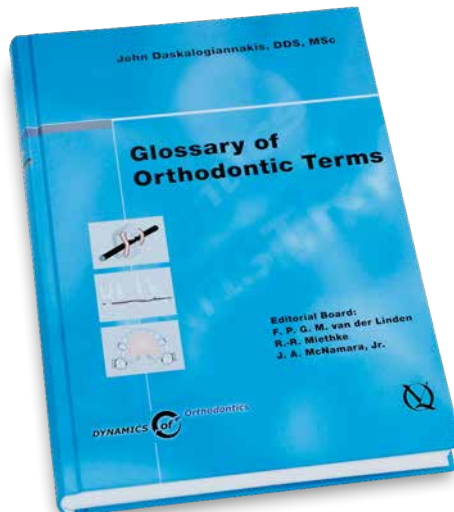
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A reference guide to orthodontics.

With numerous illustrations, diagrams and tables.

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





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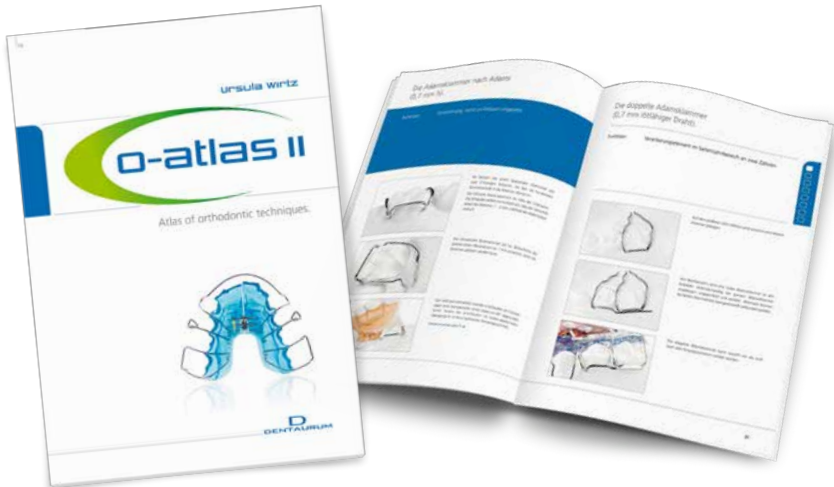
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NEW



* Publication date: October/November 2018

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Courses and Events.



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Overview.



www.dentaurum.com



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Dentaurum service.

Added value – advice and support.



Bracket systems – information

Chart of the most frequently used fixed appliance techniques

Maxillary	1 1		2 2		3 3		4 4		5 5		6 6		7 7			
System	Torque	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Distal offset = anti rotation	Torque	Angu- lation	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	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Torque	Angu- lation	Distal offset = anti rota- tion	Torque	Angu- lation	Distal offset = anti rota- tion
Alexander	− 5°	0°	− 5°	0°	− 7°	+ 6°	− 11°	0°	− 17°	0°	− 22°	− 6°	5°	− 27°	0°	5°
Andrews	− 6°	+ 2°	− 6°	+ 2°	− 11°	+ 7°	− 17°	− 2°	− 22°	− 2°	− 30°	− 2°	6°	− 31°	− 2°	6°
McLaughlin- Bennett-Trevisi*	− 6°	0°	− 6°	0°	-6°/0°/+6°	+ 3°	− 12°	+ 2°	− 17°	+ 2°	− 20°	0°	0°	− 10°	0°	0°
Burstone	− 1°	0°	− 1°	0°	− 11°	+ 6°	− 17°	0°	− 22°	0°	− 27°	0°	5°	− 27°	+ 2°	6°
Hasund	0°	0°	0°	+ 5°	0°	+ 5°	− 10°	+ 2°	− 15°	+ 2°	− 22°	+ 4°	0°	− 25°	+ 2°	6°
Hilgers	− 1°	0°	− 1°	0°	+ 7°	+ 6°	− 11°	0°	− 17°	0°	− 25°	− 5°	7°	− 25°	0°	6°
Ricketts® – IV. dimension	0°	0°	0°	0°	+ 7°	+ 5°	-7° ex 0° n-ex	0°	-7° ex -14° n-ex	0°	− 22°	− 5°	12°	− 27°	0°	16°
Ricketts® Universal	0°	0°	0°	0°	+ 7°	+ 5°	0°	0°	− 14°	0°	0°	− 5°	0°	0°	0°	0°
Roth	− 1°	0°	− 1°	0°	− 11°	+ 7°	− 17°	0°	− 22°	0°	− 30°	− 1°	4°	− 30°	− 1°	4°
Standard Edgewise	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°
Tweed	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°/6°	0°	0°	0°/6°
Begg	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	0°	6°	0°	0°	6°

* The 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!

Pre-welding service.

For your treatment system – quick and reliable.

If required, all Dentaurem brackets, buccal tubes and palatal auxiliaries can be welded to Dentaurem bands by our welding service. Customer friendly and rapid processing of all welding orders by our highly efficient staff. Computer systems allow recording and storage of individual data and rapid delivery of the correct products.

How to process your welding orders.

- Contact us directly or via your local sales representative when ordering.
- For first orders, we draw up an individual order profile to your specifications – your system card.
- With the help of the order form "Welding Service" you order the items required and the quantities needed for each size. Any changes are recorded on your personal system card.

Ordering procedure.

- **Ask for the pre-welding order form.**
To allow quick and reliable processing, please always use our welding service forms.
- **Personal card for welding service with ordering variant.**
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.

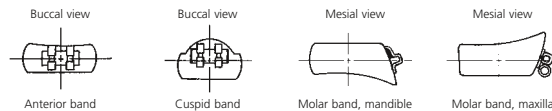
Standard and custom pre-welding service.

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

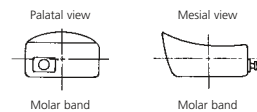
Standard pre-welding service.

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

Edgewise.

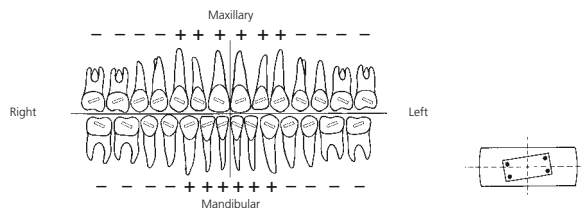


Palatal, lingual attachments.



Custom pre-welding service.

Brackets and buccal tubes are welded onto the bands according to your requirements, e.g. with angulation. Please provide the precise angulation and position of the lingual/palatal attachment with your order.



Angulation / Tip

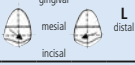
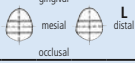
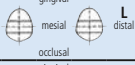
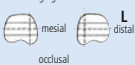
(+) = angulation of root to distal

(-) = angulation of root to mesial

Pre-welding service – banding technique

Roth 18

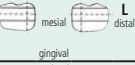
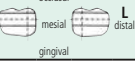
Slot: 0.46 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn	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
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band	
3 3 13 - 23		Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-259-02 (0,18) REF 790-204-02 (0,18) Links/left REF 790-260-02 (0,18) REF 790-205-02 (0,18)	– 2°	+ 13°	0.7		REF 750-602-10 central	
4 4 14 - 24		Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-206-02 (0,18) REF 790-249-02 (0,18) Links/left REF 790-206-02 (0,18) REF 790-250-02 (0,18)	– 7°	0°	0.7		REF 750-602-10 central	
5 5 15 - 25		Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-206-02 (0,18) REF 790-249-02 (0,18) Links/left REF 790-206-02 (0,18) REF 790-250-02 (0,18)	– 7°	0°	0.7		REF 750-602-10 central	
6 6 16 - 26		dentaform® dentaform® Snap 1° 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		dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-232-00 Links/left REF 724-233-00	– 14°	0°	0.3	10°	REF 750-602-10 central	Rechts/right REF 818-411-17 Links/left REF 818-411-27

CE 0483

Roth 18

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

Zahn	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
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
2 1 1 2 42 - 41 - 31 - 32		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		Standard Eckzahn Cuspiden No. 1–21	Rechts/right REF 790-261-02 (0,18) REF 790-208-02 (0,18) Links/left REF 790-262-02 (0,18) REF 790-209-02 (0,18)	– 11°	+ 7°	0.7		REF 750-602-10 central	
4 4 44 - 34		Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-210-02 (0,18) REF 790-251-02 (0,18) Links/left REF 790-210-02 (0,18) REF 790-252-02 (0,18)	– 17°	0°	0.7		REF 750-602-10 central	
5 5 45 - 35		Standard Prämolaren Bicuspiden No. 1–32	Rechts/right REF 790-211-02 (0,18) REF 790-253-02 (0,18) Links/left REF 790-211-02 (0,18) REF 790-254-02 (0,18)	– 22°	0°	0.7		REF 750-602-10 central	
6 6 46 - 36		dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 818-151-40 Links/left REF 818-151-30	gingival – 30°	0°	0.3	4°	REF 750-602-10 central	Rechts/right REF 818-211-46 Links/left REF 818-211-36
7 7 47 - 37		dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 818-218-40 Links/left REF 818-218-30	– 30°	0°	0.3	12°	REF 750-602-10 central	Rechts/right REF 818-411-47 Links/left REF 818-411-37

CE 0483

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

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

Pre-welding service – banding technique

Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkallröhren	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkallröhren für die Adhäsivtechnik/ Bondable tubes
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band	
<u>3</u> <u>3</u> 13 · 23	R distal gingival mesial L distal incisal	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-263-02 (b,sk) REF 790-216-02 (b,sk) Links/left REF 790-264-02 (b,sk) REF 790-217-02 (b,sk)	– 2°	+ 13°	0.7		REF 750-602-10 central	
<u>4</u> <u>4</u> 14 · 24	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-218-02 (b,sk) REF 790-243-02 (b,sk) Links/left REF 790-218-02 (b,sk) REF 790-244-02 (b,sk)	– 7°	0°	0.7		REF 750-602-10 central	
<u>5</u> <u>5</u> 15 · 25	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-218-02 (b,sk) REF 790-243-02 (b,sk) Links/left REF 790-218-02 (b,sk) REF 790-244-02 (b,sk)	– 7°	0°	0.7		REF 750-602-10 central	
<u>6</u> <u>6</u> 16 · 26	R distal gingival mesial L distal occlusal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-268-00 Links/left REF 724-269-00	occlusal – 14°	0°	0.3	14°	REF 750-602-10 central	Rechts/right REF 822-211-16 Links/left REF 822-211-26
<u>7</u> <u>7</u> 17 · 27	R distal gingival mesial L distal occlusal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-214-00 Links/left REF 724-215-00	– 14°	0°	0.3	10°	REF 750-602-10 central	Rechts/right REF 822-411-17 Links/left REF 822-411-27

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Roth 22

Slot: 0.56 x 0.76 mm / 22 x 30 · 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 Bukkallröhren	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkallröhren für die Adhäsivtechnik/ Bondable tubes
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
<u>2</u> <u>1</u> <u>2</u> 42 · 41 · 31 · 32	R distal incisal mesial 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	
<u>3</u> <u>3</u> 43 · 33	R distal gingival mesial L distal	Standard Eckzahn Cuspid No. 1–21	Rechts/right REF 790-265-02 (b,sk) REF 790-220-02 (b,sk) Links/left REF 790-266-02 (b,sk) REF 790-221-02 (b,sk)	– 11°	+ 7°	0.7		REF 750-602-10 central	
<u>4</u> <u>4</u> 44 · 34	R distal gingival mesial L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-222-02 (b,sk) REF 790-255-02 (b,sk) Links/left REF 790-222-02 (b,sk) REF 790-256-02 (b,sk)	– 17°	0°	0.7		REF 750-602-10 central	
<u>5</u> <u>5</u> 45 · 35	R distal gingival mesial L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-223-02 (b,sk) REF 790-257-02 (b,sk) Links/left REF 790-223-02 (b,sk) REF 790-258-02 (b,sk)	– 22°	0°	0.7		REF 750-602-10 central	
<u>6</u> <u>6</u> 46 · 36	R distal gingival mesial L distal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 822-151-40 Links/left REF 822-151-30	gingival – 30°	0°	0.3	4°	REF 750-602-10 central	Rechts/right REF 822-211-46 Links/left REF 822-211-36
<u>7</u> <u>7</u> 47 · 37	R distal gingival mesial L distal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 822-218-40 Links/left REF 822-218-30	– 30°	0°	0.3	12°	REF 750-602-10 central	Rechts/right REF 822-411-47 Links/left REF 822-411-37

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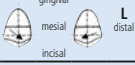
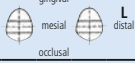
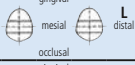
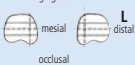
All brackets, buccal tubes, lingual and palatal auxiliaries can be welded onto bands in our welding department.

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

Pre-welding service – banding technique

McLaughlin-Bennett-Trevisi* 18

Slot: 0.46 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

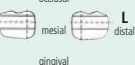
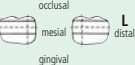
Zahn	Position auf dem Band/bukkal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkalaröhren	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band	
3 3 13 - 23		Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-274-02 (25,34) Links/left REF 790-275-02 (25,34)	0°	+ 8°	0.7		REF 750-602-10 central	
4 4 14 - 24		Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-206-02 (34,35) REF 790-249-02 (34,35) Links/left REF 790-206-02 (34,35) REF 790-250-02 (34,35)	– 7°	0°	0.7		REF 750-602-10 central	
5 5 15 - 25		Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-276-02 (34,35) REF 790-284-02 (34,35) Links/left REF 790-276-02 (34,35) REF 790-285-02 (34,35)	– 7°	0°	1.2		REF 750-602-10 central	
6 6 16 - 26		dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 790-274-00 Links/left REF 790-284-00	occlusal – 14°	0°	0.3	10°	REF 750-602-10 central	Rechts/right REF 818-212-16 Links/left REF 818-212-26
7 7 17 - 27		dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 790-274-00 Links/left REF 790-284-00	– 14°	0°	0.3	10°	REF 750-602-10 central	Rechts/right REF 818-412-17 Links/left REF 818-412-27

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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	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
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
2 1 1 2 42 - 41 - 31 - 32		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	
3 3 43 - 33		Standard Eckzahn Cuspid No. 1–21	Rechts/right REF 790-278-02 (34,35) Links/left REF 790-279-02 (34,35)	0°	+ 3°	0.7		REF 750-602-10 central	
4 4 44 - 34		Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-280-02 (34,35) REF 790-286-02 (34,35) Links/left REF 790-281-02 (34,35) REF 790-287-02 (34,35)	– 12°	+ 2°	0.7		REF 750-602-10 central	
5 5 45 - 35		Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-282-02 (34,35) REF 790-288-02 (34,35) Links/left REF 790-283-02 (34,35) REF 790-289-02 (34,35)	– 17°	+ 2°	0.7		REF 750-602-10 central	
6 6 46 - 36		dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 790-274-00 Links/left REF 790-284-00	gingival – 20°	0°	0.3	0°	REF 750-602-10 central	Rechts/right REF 818-212-46 Links/left REF 818-212-36
7 7 47 - 37		dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 790-274-00 Links/left REF 790-284-00	– 10°	0°	0.3	0°	REF 750-602-10 central	Rechts/right REF 818-412-47 Links/left REF 818-412-37

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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 pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

McLaughlin-Bennett-Trevisi* 22

Slot: 0.56 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn	Position auf dem Band/buccal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkalföhrchen	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkalföhrchen 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 gingival mesial L distal incisal	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-230-02 (s,sk) REF 790-228-02 (s,sk) Links/left REF 790-231-02 (s,sk) REF 790-229-02 (s,sk)	-7° 0°	0°	+8°	0.7	REF 750-602-10 central	
<u>4 4</u> 14 · 24	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspids No. 1–32	Rechts/right REF 790-218-02 (s,sk) REF 790-243-02 (s,sk) Links/left REF 790-218-02 (s,sk) REF 790-244-02 (s,sk)	-7° 0°	0°			REF 750-602-10 central	
<u>5 5</u> 15 · 25	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspids No. 1–32	Rechts/right REF 790-267-02 (s,sk) REF 790-268-02 (s,sk) Links/left REF 790-267-02 (s,sk) REF 790-269-02 (s,sk)	-7° 0°	0°			REF 750-602-10 central	
<u>6 6</u> 16 · 26	R distal gingival mesial L distal occlusal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-212-00 Links/left REF 724-213-00	-14° 0°	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 gingival mesial L distal occlusal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-214-00 Links/left REF 724-215-00	-14° 0°	0°	0.3	10°	REF 750-602-10 central	Rechts/right REF 822-412-17 Links/left REF 822-412-27

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McLaughlin-Bennett-Trevisi* 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 Bukkalföhrchen	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkalföhrchen 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 incisal mesial L distal	dentaform® Lower Anteriors No. 00–12	Rechts/right REF 790-233-02 Links/left REF 790-233-02	-6° 0°	0°	1.3		Setzlasche/Seating lug central	
<u>3 3</u> 43 · 33	R distal gingival incisal L distal occlusal	Standard Eckzahn Cuspid No. 1–21	Rechts/right REF 790-236-02 (s,sk) REF 790-234-02 (s,sk) Links/left REF 790-237-02 (s,sk) REF 790-235-02 (s,sk)	-6° 0°	+3°	0.7		REF 750-602-10 central	
<u>4 4</u> 44 · 34	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspids No. 1–32	Rechts/right REF 790-239-02 (s,sk) REF 790-245-02 (s,sk) Links/left REF 790-240-02 (s,sk) REF 790-246-02 (s,sk)	-12° +2°	0.7			REF 750-602-10 central	
<u>5 5</u> 45 · 35	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspids No. 1–32	Rechts/right REF 790-241-02 (s,sk) REF 790-247-02 (s,sk) Links/left REF 790-242-02 (s,sk) REF 790-248-02 (s,sk)	-17° +2°	0.7			REF 750-602-10 central	
<u>6 6</u> 46 · 36	R distal gingival mesial L distal occlusal	dentaform® dentaform® Snap II 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-216-00 Links/left REF 724-217-00	-20° gingival	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 gingival mesial L distal occlusal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 724-218-00 Links/left REF 724-219-00	-10° 0°	0°	0.3	0°	REF 750-602-10 central	Rechts/right REF 822-412-47 Links/left REF 822-412-37

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

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

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

Pre-welding service – banding technique

Ricketts® 18 – IV. Dimension

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/bukkal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkälröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkälröhrchen für die Adhäsivtechnik/ Bondable tubes
Tooth			Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band	
$\frac{3}{13} \mid \frac{3}{23}$	R distal gingival mesial incisal L distal	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-290-02 Links/left REF 790-291-02	+ 7°	+ 5°	0.7		REF 750-602-10 central	
$\frac{4}{14} \mid \frac{4}{24}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
$\frac{5}{15} \mid \frac{5}{25}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
$\frac{6}{16} \mid \frac{6}{26}$	R distal gingival mesial occlusal L distal	dentaform® dentaform® 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	Rechts/right REF 724-266-51 Links/left REF 724-267-51
$\frac{7}{17} \mid \frac{7}{27}$	R distal gingival mesial occlusal L distal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 818-217-10 Links/left REF 818-217-20	–10°	0°	0.3	8°	REF 750-602-10 central	Rechts/right REF 724-048-51 Links/left REF 724-049-51

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Ricketts® 18 – IV. Dimension

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/bukkal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkälröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkälröhrchen für die Adhäsivtechnik/ Bondable tubes
Tooth			Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
$\frac{21}{42} \mid \frac{12}{41-31-32}$	R distal incisal mesial gingival L distal	dentaform® Lower Anterior No. 00–12	Rechts/right REF 790-207-02 Links/left REF 790-207-02	– 1°	0°	1.3		Setzlasche/Seating lug central	
$\frac{3}{43} \mid \frac{3}{33}$	R distal gingival mesial occlusal L distal	Standard Eckzahn Cuspid No. 1–21	Rechts/right REF 714-781-00 Links/left REF 714-781-00	+ 7°	+ 5°	0.7		REF 750-602-10 central	
$\frac{4}{44} \mid \frac{4}{34}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
$\frac{5}{45} \mid \frac{5}{35}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 793-005-00 Links/left REF 793-005-00	– 17°	0°	0.7		REF 750-602-10 central	
$\frac{6}{46} \mid \frac{6}{36}$	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 724-064-00 Links/left REF 724-065-00	gingival 22°	– 5°	0.3	12°	REF 750-602-10 central	Rechts/right REF 724-056-51 Links/left REF 724-057-51
$\frac{7}{47} \mid \frac{7}{37}$	R distal gingival mesial occlusal L distal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 818-218-40 Links/left REF 818-218-30	–30°	– 5°	0.3	4°	REF 750-602-10 central	Rechts/right REF 818-211-46 Links/left REF 818-211-36

CE 0483



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

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

Pre-welding service – banding technique

Ricketts® Universal 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	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
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band
<u>3</u> <u>3</u> 13 - 23	R distal gingival mesial L distal incisal	Standard Eckzahn Cuspidus 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</u> <u>4</u> 14 - 24	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspidus No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central
<u>5</u> <u>5</u> 15 - 25	R distal gingival mesial L distal occlusal	Standard Bicuspidus No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central
<u>6</u> <u>6</u> 16 - 26	R distal gingival mesial L distal 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	central 0°	0°	0.3	0°	REF 750-602-10 central



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Ricketts® Universal 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	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
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
<u>2</u> <u>1</u> <u>2</u> 42 - 41 - 31 - 32	R distal incisal 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</u> <u>3</u> 43 - 33	R distal gingival mesial L distal incisal	Standard Eckzahn Cuspidus 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</u> <u>4</u> 44 - 34	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspidus No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
<u>5</u> <u>5</u> 45 - 35	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspidus No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
<u>6</u> <u>6</u> 46 - 36	R distal gingival mesial L distal occlusal	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 pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

Hilgers 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/bukkal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkalaröhren	Torque	Angulation	In/Out mm	Distal Offset	Palatinales Teil Position auf d. Band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
Tooth			Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band	
$\frac{3}{13} \mid \frac{3}{23}$	R distal gingival mesial incisal L distal	Standard Eckzahn Cuspid No. 1–25	Rechts/right REF 790-290-02 Links/left REF 790-291-02	+ 7°	+ 8°	0.7		REF 750-602-10 central	
$\frac{4}{14} \mid \frac{4}{24}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-206-02 Links/left REF 790-206-02	– 7°	0°	0.7		REF 750-602-10 central	
$\frac{5}{15} \mid \frac{5}{25}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-206-02 Links/left REF 790-206-02	– 7°	0°	0.7		REF 750-602-10 central	
$\frac{6}{16} \mid \frac{6}{26}$	R distal gingival mesial occlusal L distal	dentaform® dentaform® Snap 1° 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 724-266-51 Links/left REF 724-267-51
$\frac{7}{17} \mid \frac{7}{27}$	R distal gingival mesial occlusal L distal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 818-217-10 Links/left REF 818-217-20	– 10°	0°	0.3	8°	REF 750-602-10 central	Rechts/right REF 724-048-51 Links/left REF 724-049-51

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Hilgers 18

Slot: 0.46 x 0.76 mm / 18 x 30

Zahn	Position auf dem Band/bukkal Position on band/buccal view	Bandtyp/Größe Bandtype/size	Brackets Bukkalaröhren	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkalaröhren für die Adhäsivtechnik/ Bondable tubes
Tooth			Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
$\frac{21}{42} \mid \frac{12}{41-31-32}$	R distal incisal mesial gingival L distal	dentaform® Lower Anterior No. 00–12	Rechts/right REF 790-207-02 Links/left REF 790-207-02	– 1°	0°	1.3		Setzlasche/Seating lug central	
$\frac{3}{43} \mid \frac{3}{33}$	R distal incisal mesial gingival occlusal L distal	Standard Eckzahn Cuspid No. 1–21	Rechts/right REF 714-781-00 Links/left REF 714-781-00	+ 7°	+ 5°	0.7		REF 750-602-10 central	
$\frac{4}{44} \mid \frac{4}{34}$	R distal gingival mesial occlusal L distal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-280-02 Links/left REF 790-281-02	– 12°	+ 2°	0.7		REF 750-602-10 central	
$\frac{5}{45} \mid \frac{5}{35}$	R distal gingival mesial occlusal L distal	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	
$\frac{6}{46} \mid \frac{6}{36}$	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 724-056-00 Links/left REF 724-057-00	gingival – 25°	– 5°	0.3	8°	REF 750-602-10 central	Rechts/right REF 724-056-51 Links/left REF 724-057-51
$\frac{7}{47} \mid \frac{7}{37}$	R distal gingival mesial occlusal L distal	dentaform® 2° Molar Bands No. 1–32 Standard Molar Bands No. 1–32	Rechts/right REF 818-218-40 Links/left REF 818-218-30	– 30°	– 5°	0.3	4°	REF 750-602-10 central	Rechts/right REF 818-211-46 Links/left REF 818-211-36

CE 0483



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

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

Pre-welding service – banding technique

Standard Edgewise 18

Slot: 0.46 x 0.76 mm / 18 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn	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
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Palatal attachment Position on band
<u>3</u> <u>3</u> 13 - 23	R distal gingival mesial L distal Incisal	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</u> <u>4</u> 14 - 24	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central
<u>5</u> <u>5</u> 15 - 25	R distal gingival mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central
<u>6</u> <u>6</u> 16 - 26	R distal gingival mesial L distal occlusal	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



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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/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
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
<u>2</u> <u>1</u> <u>2</u> 42 - 41 - 31 - 32	R distal incisal 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</u> <u>3</u> 43 - 33	R distal gingival incisal mesial L distal occlusal	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</u> <u>4</u> 44 - 34	R distal gingival incisal mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
<u>5</u> <u>5</u> 45 - 35	R distal gingival incisal mesial L distal occlusal	Standard Prämolaren Bicuspid No. 1–32	Rechts/right REF 790-602-02 Links/left REF 790-602-02	0°	0°	0.7		REF 750-602-10 central	
<u>6</u> <u>6</u> 46 - 36	R distal gingival incisal mesial L distal occlusal	dentaform® dentaform® Snap 1° Molar Bands No. 1–36 Standard Molar Bands No. 1–32	Rechts/right REF 724-018-00 Links/left REF 724-018-01	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 pre-welded attachments and are not identical with the described system.

Pre-welding service – banding technique

Standard Edgewise 22

Slot: 0.56 x 0.76 mm / 22 x 30 · cuspid, first bicuspid and second bicuspid bands are welded conventionally with equilibrium® 2 banding brackets

Zahn	Position auf dem Band/bukkal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkalaröhrchen	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
3 3 13 - 23	R distal gingival mesial 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
4 4 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
5 5 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
6 6 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	Position auf dem Band/bukkal Position on band/buccal view	Bandtyp/Größe	Brackets Bukkalaröhrchen	Torque	Angulation	In/Out mm	Distal Offset	Linguales Teil Position auf d. Band	Bukkalaröhrchen für die Adhäsivtechnik/ Bondable tubes
Tooth		Bandtype/size	Brackets Buccal tubes				Anti Rotation	Lingual attachment Position on band	
21 12 42 - 41 - 31 - 32	R distal incisal mesial gingival 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	
3 3 43 - 33	R distal incisal mesial gingival 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	
4 4 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	
5 5 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	
6 6 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 pre-welded attachments and are not identical with the described system.

Bands – comparison charts

The following charts featuring commonly used bands according to their sizes will help you to convert to Dentaurem bands when ordering.

Upper cuspid bands

Dentaurem		AMERICAN ORTHODONTICS	DENTSPLY 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+		

Bands – comparison charts

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	LANCER	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 dentaform® Snap		AMERICAN CONTOURED MR2, Mini Master S	AMERICAN CONTOURED MR1, 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								
	2									5			29
	3				2	1	1						29+
3			2						1				
4	4				3	2	2			6			
5			3			3	3		2	7			30
6	5												30+
	6		4		4	4	4		3				
7			5			5	5	5					
	7						6	6	4	8	1	31	
8			6			6		7	5		2		31
	8			1.5	5	7	7	8		10		31+	31+
9	9		7		6	8	8		6		3	32	32
10	10		8			9	9			11	5		
	11			2.5	7		10	10	8		6	33	
11	12		9	3	8	10	11	11	9		7		33
12			10			11			10	12	8	33+	33+
13	13		11	3.5	9		12	12			9	34	34
14			12			12	13	13		13	10		
	14		13	4	10	13	14	14	11	14	11	34+	34+
15	15				11		15		12	15	12		
16	16		14	4.5	12	14		15	13	16	13	35	35
17	17		15	5	13	15		16	14	17	14	35+	35+
18						16	17	17	15	18	15		
	18		16		14	17		16			16	36	36
19				5.5			18	18	16		17		36+
	19		17	6	15	18		19	17	19	18		
20	20		18		16	19	19	20		20	19	36+	
	21		19	6.5	17				18	21	20	37	37
21				7		20	20	21		22	21		
	22		20		18	21		22	19	23	22	37+	37+
22				7.5			21			24			
23	23		21		19	22	22		20	25	23		38
24	24		22	8	20	23	23	23	21	26	24	38	
	25		23		21				22	27	25		
25	26				22	24	24	24		28		38+	39
26	27				23	25	25		24	29	27		
	28				24	27		26	26	31	29	39+	
27	29		26	9.5	25		27	27	27	32	30		39+
	30		27		26	28	28	28		33	31		40
28						29		29	28	34		40	40+
29	31		28	10	27		29			35	32	40+	
30	32			10.5	28	31	30	31	29				
31	33		30	11	29		31	32	30	36		41	
32	34		32	11.5	30	32							41+

Bands – comparison charts

Lower 1st molar bands

Dentaurum Standard	Dentaurum dentaurum® Snap		AMERICAN CONTOURED MR2, Mini Master S	AMERICAN CONTOURED MR1, Master Series, MSH	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			3				
	8				4	4	4		3	7			
6	9			1.5		5	5					31	31
7	10		5		5	5	6	5	4	8	2		
8	11		7	2	6	7	7	7		9		31+	
	12		8			7	8		6	10	4		32
9				2.5		8		8	7		5	32	
10	13		9		7		9	9		11	6		32+
11	14		10		8	9	10		8		7	32+	
12				3		10	11	10	9	12	8	33	33
	15		11		9				10				
	16		12		10	11	12	11		13	9		33+
13				3.5		12	13	12		14	10	33+	
14	17		13		11		14	13	11	15	11	34	34
15	18			4	12	14		14	13	16	12	34+	34+
	19		14	4.5	13		16	15		17	13	35	35
16			15			15			14		14		
	20		16	5	14	16	17	16	15	18	15	35+	35+
17	21		17		15			17	16		16		
18			18			17	18	18		19	17		
	22		19		16	18			17	20	18	36	36
19	23		20	6	17		19	19		21	19		
20				6.5		19			18	22	20	36+	36+
21	24			7	18	20	20	20		23	21		
	25		21		19			21	19	24		37	37
22	26		22	7.5	20	21	21	22			22		
	27					22	22		20			37+	37+
23	28		23		21		23	23	21	25	23		
	29			8	22	23		24	22	26	24	38	38
24	30				23	24	24			27	25		
25			25			25	25	26	24	29	27		38+
26			26	8.5		26	26		25	30	28	39	39
27	31		27		24			27	26	31		39+	
	32		28	9	25	27	27		27	32			39+
28				9.5		28	28	28		33		40	
29			29			29	29	30	28	34			40
30	33			10.5	26	30		31				40+	40+
31	34		30		27		30		29	35			
32	36		32		29	31		33		36		41	41

Bands – comparison charts

Upper 2nd molar bands

Dentaurum dentaform®		AMERICAN ORTHODONTICS	DENTSPLY GAC Snap-Fit	LANCER	ORMCO	ROCKY MOUNTAIN	TP LABS	3M Unitek
								28
1			1					28+
2			2					29
3			3					29+
4			4	1				
5			5		1			30
6				2	2			30+
7			6	3				
8			7	4	3			31
9			8	5				31+
10			9		4		1	
11			10	6	5		2	
		1.5		7		7		32
12			11		6		3	
		2		8	7		4	32+
13			12	9			5	
		2.5			8	8	6	33
14			13	10	9		7	
		3		11	10	9	8	33+
15			14				9	
		3.5		12	11	10	10	34
16			15	13	12		11	
		4			13		12	34+
		4.5		14		11	13	
17			16	15	14	12		
18		5	17		15	13	14	35
19			18	16	16	14	15	
20			19	17		15	16	35+
		5.5			17		17	
21			20	18		16	18	36
22			21	19	18	17	19	
		6.5				18	20	36+
23			22	20	19	19	21	
24			23	21		20	22	37
25			24		20	21		
		7.5		22	21	22	23	37+
26			25	23	22		24	
		8				23	25	38
27			26	24	23	24		
28		8.5	27	25	24	25	26	38+
					25		27	
29			28	26	26	26	28	39
30			29	27	27	27	29	
		9.5				28	30	39+
31			30	28	28	29	31	
				29		30		40
32						31	32	
		10		30	29			40+
		10.5		31	30	32		
		11			31			41
				32			33	
		11.5			32			
							34	
							35	

Bands – comparison charts

Lower 2nd molar bands

Dentaurum dentaurum®		AMERICAN ORTHODONTICS	DENTSPLY GAC Snap-Fit	LANCER	ORMCO	ROCKY MOUNTAIN	TP LABS	3M Unitek
								28
				29.5				28+
								29
1			3	30	1			29+
2			4		2			30
3			5	30.5				30+
4			6	31	3		1	31
5	1.5			31.5	4		2	
				32	5		3	31+
6	2		7		6	7	4	32
7	2.5		8		7		5	
8			9	32.5			6	32+
9			10		8	8	7	
10	3		11	33	9		8	33
	3.5				10	9		
11			12	33.5			9	33+
						10	10	
12			13	34	11		11	34
13	4		14	34.5	12			
	4.5				13	11	12	34+
14						12	13	
15			15	35	14	13	14	35
	5				15	14	15	
16	5.5		16	35.5	16	15	16	35+
							17	
17	6		17	36	17	16	18	36
18	6.5		18	36.5		17	19	
19	7			37	18	18	20	36+
20			19			19	21	
	7.5				19	20		37
21			20	37.5		21	22	37+
					20	22		
22	8		21	38	21		23	38
23			22		22	23	24	
24			23	38.5	23	24	25	38+
					24	25	26	
25			24	39	25		27	39
26	8.5		25	39.5	26	26	28	
27			26		27	27		
	9					28		39+
28	9.5		27		28	29		
29	10					30		40
30			28			31		
					29			40+
31	10.5		29			32		
					30			41
32	11		30		31			
					32			

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	Stahl 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	Stahl 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 Dentaureum wires / Brand names of other competitive products

Dentaureum	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™				
Tensi® 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	
Tensi® White nickel titanium, thermo-active		Bio-Kinetix™ Micro Coated				
Noninium® White nickel-free wires						

Note: Some of the items listed are registered brand names e.g. TMA® from Ormco.

Materials list

Product groups	Product	Identification no. *
tomas® anchorage system	tomas®-pin	3.102
	tomas®-abutment universal	1.005
	tomas®-abutment tubes	1.000, 1.005
	tomas®-abutment wires	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, 1.013, 3.200
	tomas®-stop screw	1.000, 1.002
	tomas®-cross tube	1.000
	tomas®-power arm square / round	1.003, 1.005
	tomas®-crimp hook	1.005
	tomas®-slotted stops	1.013
	tomas®-hook / tomas®-T-wire	1.003
	tomas®-power chain Kunststoffkette	4.009
amda® distalization appliance	amda® telescope	1.000, 1.002, 1.003
	amda® connector	1.003
	amda® palatal arch	1.000
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
	dynamique® m	1.009 (body), 3.300 (clip)
	dynamique® c	5.000 (body), 3.300 (clip), rhodium coating
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
Aesthetic brackets	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	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
	Mesh bases for buccal tubes for bonding technique	1.000, 1.001
	Gauze	1.000
Buccal tubes	Ortho-Cast / Ortho-Cast w. h. / Ortho-Cast w. h. a. t. / Ortho-Cast M-Series	1.005
w. h. = with hook	Ortho-Cast w. h. and central tube	1.000, 1.005
w. t. = with tube	Ortho-Cast with larg base / Ortho-Cast w. h. and larg base	1.000, 1.001, 1.005
w. h. a. t. = with hook and tube	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 / Ortho w. t. occlusal for bonding technique	1.000, 1.001, 1.002
	Ortho with mesial / distal hook and central tube	1.000, 1.002, 1.005
	Lingual / palatal sheaths	1.008
	Lingual / palatal sheaths with mesial / distal hooks	1.000, 1.008
	Lingual / palatal sheaths with distal hooks	1.002, 1.008
	Button	1.002
	Band seating lug	1.005
	Double hook / Hook with seating lug	1.008

Product groups	Product	Identification no.*
Buccal tubes w. h. = with hook w. t. = with tube w. h. a. t. = with hook and tube	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
	Insert-Adapter	1.003
Bands	dentaform® Snap	1.008
	dentaform®	1.001
	Standard bicuspid and cuspid bands	1.001
	Standard first and second molar bands	1.008
	Band material and matrix band on rolls	1.001
Arches	remanium® ideal arch	1.012 or 1.013
	Equire preformed ideal arch	1.012 or 1.013
	dentaflex® ideal arch	1.012 or 1.013
	Noninium® ideal arch	REF XXX-XXX-00 / 1.006
		REF XXX-XXX-10 / 1.014
	Noninium® White ideal arch	1.006, 4.008
	Tensic® ideal arch	3.200
	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 / 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
	Translucent ideal pearl arches	4.005 + fiber-glass
Wires	remanium®	1.003 o. 1.013
	dentaflex®, round, 3-strand twisted	1.003
	dentaflex®, 6-strand "co-axial"	1.012 or 1.013
	Noninium® wire on coils / straight wire	REF XXX-XXX-00 / 1.006
		REF XXX-XXX-10 / 1.014
	remaloy® straight wire	3.000
	rematain® flat retainer wire	1.013
	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
	remanium® ligature wire	1.005
	remanium® preformed ligatures, short	1.005
	remanium® preformed ligatures, long	1.012 or 1.013
Wires, arches Accessories	remanium® Kobayashi ligatures	1.011 or 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
	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 with hook	1.000, 1.001
	Sliding tubes, rectangular with hook	1.005
	Sliding tubes, rectangular with wire	1.003 + 1.005
	Cross tube, rectangular tube	1.000

Materials list

Product groups	Product	Identification no. *
Wires, arches	Stop tube	1.013
	Noninium® standard labial arches	REF XXX-XXX-00 / 1.006 REF XXX-XXX-01 / 1.014
Accessories	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
	remanium® ball retainer clasp / remanium® arrow clasp	1.001
	Guide pins acc. to Hinz	1.012 or 1.013
	Guide pins acc. to G. Müller®	1.003
	Lingual bar	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
	Orthorama® transfer jigs	1.000
	Orthorama® retention rings	1.001 + 1.008
	Grid strengtheners stainless steel	1.000
	Grid strengtheners gold-plated	1.000 gold-plated (24 carat)
Intraoral/extraoral	Metal clip for safety modules	1.003
	Delaire, face mask	1.003, 4.100, suede
	Noninium® facebow, medium	1.006, 4.001
	Standard facebow, with stop loops	1.000, 1.003, 4.001
	Standard facebow, with stop loops, with canine hook	1.000, 1.001, 1.003, 2.201, 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
	Lip bumper	1.003, 3.000, 4.003
	Stop tube	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
	Elastics, intraoral, latex	4.201 **
	Elastics, intraoral, non-latex	Thermoplastic acrylic**
	Elastics, extraoral, latex	4.201 **
	Elastic ligature	4.009
	Elasto-Force ligature thread	4.009 **
	Dentalastics® rotation wedge / plastic ligatures / separators / Personal ligatures	4.009
	Elasto-Force, plastic chains	4.009
Class II appliances	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 element	1.000, 1.003
	SUS ² turbo spring	1.003
	SUS ² compression spring (Nickel titanium)	3.200
	SUS ² ball retainer clasp	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

Product groups	Product	Identification no.*
Class II appliances	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
	Variety click / Variety click SP	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.

** Also contains traces of other elements. Please ask if you have any queries.

Materials list

1. Stainless steel

Composition in weight %

Identification No.	Material		C	Si	Mn	Cr	Mo	Ni	P	S	Other	Fe
	Designation	Number (DIN, AISI)*										
1.000	Stainless steel	1.4301	≤ 0.07	≤ 1.0	≤ 2.0	17.0–19.5	—	8.0–10.5	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.001	Stainless steel	1.4303	≤ 0.06	≤ 1.0	≤ 2.0	17.0–19.0	—	11.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.002	Stainless steel	1.4305	≤ 0.10	≤ 1.0	≤ 2.0	17.0–19.0	—	8.0–10.0	≤ 0.045	0.15–0.35	N ≤ 0.11/ Cu ≤ 1.0	Residue
1.003	Stainless steel (remanium®)	1.4310	0.05–0.15	≤ 2.0	≤ 2.0	16.0–19.0	≤ 0.8	6.0–9.5	≤ 0.045	≤ 0.015	N ≤ 0.11	Residue
1.004	Stainless steel	1.4401	≤ 0.07	≤ 1.0	≤ 2.0	16.5–18.5	2.0–2.5	10.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.005	Stainless steel	1.4404	≤ 0.03	≤ 1.0	≤ 2.0	16.5–18.5	2.0–2.5	10.0–13.0	≤ 0.045	≤ 0.03	N ≤ 0.11	Residue
1.006	Stainless steel (Noninlum®)	1.4456	≤ 0.1	≤ 1.0	16.0–20.0	16.0–20.0	1.8–2.5	≤ 0.2	≤ 0.05	≤ 0.05	V ≤ 0.2 N 0.7–1.0	Residue
1.007	Stainless steel	1.4460	≤ 0.05	≤ 1.0	≤ 2.0	25.0–28.0	1.3–2.0	4.5–6.5	≤ 0.035	≤ 0.3	N 0.05–0.20	Residue
1.008	Stainless steel	1.4541	≤ 0.08	≤ 1.0	≤ 2.0	17.0–19.0	—	9.0–12.0	≤ 0.045	≤ 0.3	Ti 5 x C bis 0.7	Residue
1.009	Stainless steel	1.4542	≤ 0.07	≤ 0.7	≤ 1.5	15.0–17.0	≤ 0.6	3.0–5.0	≤ 0.040	≤ 0.03	Cu 3.0–5.0 Nb 5 x C bis 0.45	Residue
1.010	Stainless steel	1.4435	≤ 0.03	≤ 1.0	≤ 2.0	17.0–19.0	2.5–3.0	12.5–15.0	≤ 0.045	≤ 0.025	N ≤ 0.11	Residue
1.011	Stainless steel	AISI 302	≤ 0.15	≤ 1.0	≤ 2.0	17.0–19.0	—	8.0–10.0	≤ 0.045	≤ 0.03	—	Residue
1.012	Stainless steel (dentaflex®)	AISI 302 B	≤ 0.15	2.0–3.0	≤ 2.0	17.0–19.0	—	8.0–10.0	≤ 0.045	≤ 0.03	—	Residue
1.013	Stainless steel (remanium®)	AISI 304	≤ 0.08	≤ 1.0	≤ 2.0	18.0–20.0	—	8.0–10.5	≤ 0.045	≤ 0.03	—	Residue
1.014	Stainless steel (Noninlum®)	1.3808	0.15–0.25	0.2–0.6	9.5–12.5	16.5–18.0	2.7–3.7	0.05	0.02	0.01	Cu 0.25 N 0.45–0.55	Residue

*Note: Stainless steel with foreign standards which correspond to the DIN material numbers are also acceptable.

2. Copper and precious metal alloys

Composition in weight %

Identification No.	Material		Ag	Cu	Ni	Pb	Zn	Fe	Mn	Sn	Sb	Al	Others
	Designation	Number (DIN)*											
2.000	Argentan	2.0770	—	45–48	9–11	0.5–2.0	38–45	≤ 0.05	≤ 0.5	≤ 0.3	—	—	≤ 0.1
2.001	Argentan	2.0780	—	56–58	11–13	0.3–1.5	26–33	≤ 0.05	≤ 0.5	≤ 0.3	—	—	≤ 0.1
2.002	Argentan	2.0790	—	59–63	17–19	0.3–1.5	Residue	≤ 0.03	≤ 0.7	—	—	—	≤ 0.4
2.100	Brass	2.0321	—	62.0–65.5	≤ 0.3	≤ 0.1	Residue	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	—	—
2.101	Brass	2.0360	—	59.0–62.0	≤ 0.3	≤ 0.1	Residue	≤ 0.01	≤ 0.1	≤ 0.1	≤ 0.1	—	—
2.200	Silver filler	2.5153 L-Ag75	74–76	Residue	—	≤ 0.02	2.0–4.0	—	—	—	—	≤ 0.005	≤ 0.1
2.201	Silver filler	2.5147 L-Ag44	43–45	29–31	—	≤ 0.02	Residue	—	—	—	—	≤ 0.005	≤ 0.1
2.202	Silver filler	2.5159 L-Ag55Sn	54–57	21–23	—	≤ 0.02	Residue	—	—	2.0–5.0	—	≤ 0.005	≤ 0.1
2.203	Silver filler	2.5151 L-Ag72	71–73	Residue	—	≤ 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	—	—	Residue	—	—	—	—	—	≤ 0.3
2.300	Gold filler	—	38.5–39.5	Residue	—	—	—	—	—	—	—	—	Au 33.0
2.301	Au-Pt alloy	—	16–17	8–10	—	—	—	—	—	—	—	—	Au 60–62 Pt 13–14

3. Non-precious metal alloys

Composition in weight %

Identification No.	Material Designation	Number (DIN)*	Ni	Fe	Mn	Cr	Mo	W	Ti	Si	C	Co	Al	S	O	H	N	Others
3.000	CoCr alloy (remaloy®)	—	19–23	4–6	≤ 1.0	18–22	3–5	3–5	0.1–2.0	≤ 0.5	≤ 0.03	Residue	—	≤ 0.1	—	—	—	—
3.001	CoCr alloys (Elgiloy®)	—	14–16	Residue	1.0–3.0	19–21	6–8	—	—	—	≤ 0.3	38–42	—	—	—	—	—	Be 0.01–0.09
3.002	CoCr alloy	—	—	27–31	≤ 1.0	28–32	4–6	—	—	≤ 0.1	≤ 0.35	31–35	—	—	—	—	—	—
3.003	CoCr alloy (topic, Ortho-Cast NF)	—	≤ 0.1	—	≤ 0.3	28–32	4–6	—	—	≤ 1.0	≤ 1.0	Residue	—	—	—	—	≤ 0.3	—
3.100	titanium	3.7025	—	≤ 0.15	—	—	—	—	Residue	—	≤ 0.06	—	—	—	≤ 0.12	≤ 0.013	≤ 0.05	—
3.101	titanium	3.7065	—	≤ 0.3	—	—	—	—	Residue	—	≤ 0.06	—	—	—	≤ 0.35	≤ 0.013	≤ 0.05	—
3.102	TiAl6V4	3.7165	—	≤ 0.3	—	—	—	—	Residue	—	≤ 0.08	—	5.5–6.75	—	≤ 0.2	≤ 0.025	≤ 0.05	V 3.5–4.5
3.103	TiMo alloy (rematitan® Special)	—	—	—	—	—	11.5	—	78	—	—	—	—	—	—	—	—	Zr ≤ 6 Sn ≤ 4.5
3.104	Titanium (equilibrium* ti)	3.7035	—	≤ 0.2	—	—	—	—	Residue	—	≤ 0.06	—	—	—	≤ 0.18	≤ 0.013	≤ 0.05	—
3.200	NiTi alloy (rematitan® LITE (Tensic®) (Equire))	—	50–60	≤ 0.5	—	—	—	—	Residue	—	≤ 0.1	—	≤ 0.1	—	≤ 0.1	≤ 0.01	≤ 0.01	—
3.201	NiTiCu alloy	—	50–60	≤ 0.5	—	—	—	—	Residue	—	≤ 0.1	—	≤ 0.1	—	≤ 0.1	≤ 0.017	≤ 0.01	Cu < 1.0
3.300	NiCoCrMo alloy	MP35N®	33–37	≤ 1	≤ 0.15	19–21	9–10.5	—	≤ 1	≤ 0.15	≤ 0.025	Residue	—	≤ 0.01	—	—	—	P ≤ 0.015 B ≤ 0.015

4. Plastics

5. Ceramic materials

Composition in weight %

Identification No.	Material Designation	Symbol (DIN)*
4.000	Epoxide	EP
4.001	Polyamide	PA
4.002	Polycarbonate	PC
4.003	High-density polyethylene	PE-HD
4.004	Low-density polyethylene	PE-LD
4.005	Polymethylmethacrylate	PMMA
4.006	Polypropylene	PP
4.007	Polystyrene	PS
4.008	Polytetrafluorethylene	PTFE
4.009	Polyurethane	PUR
4.010	Polyvinylchloride	PVC
4.011	Polyvinylsiloxane	
4.100	Acrylonitrile butadiene styrene	ABS
4.101	Ethylene vinylacetate	EVA
4.200	Synthetic isoprene rubber	IR
4.201	Natural rubber	NR
4.202	Silicone rubber	Q
4.203	Silicone	SI

Identification No.	Material Designation	Number (DIN)*	Al ₂ O ₃	ZnO	MgO	Other
5.000	Aluminum oxide	—	99.99	—	—	≤ 0.01
5.001	Band cement	—	—	80–86	6–10	≤ 10

Alloy elements

Ag	silver	O	oxygen
Al	aluminum	P	phosphorus
Au	gold	Pb	lead
Be	beryllium	Pt	platinum
C	carbon	Rh	rhodium
Cr	chromium	S	sulphur
Cu	copper	Sb	antimony
Co	cobalt	Si	silicon
Fe	iron	Sn	tin
H	hydrogen	Ti	titanium
Mn	manganese	V	vanadium
Mo	molybdenum	W	tungsten
N	nitrogen	Zn	zinc
Nb	niobium	Zr	zirconia
Ni	nickel		

Note: The materials listed in tables 1–4 enable easy identification of chemical compositions. Not all the listed materials are used by Dentaaurum. You can find the most recent materials list at www.dentaaurum.com.

Date of information: February 2018

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 MPa	= 1 N/mm ²
1 N/mm ²	= 145.14 p. s. i.
1 p. s. i.	= 0.00689 N/mm ²

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 l	= 1000 ml = 2.11 pints
	= 1.06 quarts = 0.26 gallons

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

mm ∅ descr. ¹		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*			

*We accept no responsibility for the accuracy of this information

inch	mm
1/64	0.0156
1/32	0.0312
1/16	0.0625
1/8	0.1250
3/16	0.1875
1/4	0.2500
5/16	0.3125
3/8	0.3750
1/2	0.5000
5/8	0.6250
3/4	0.7500
1	1.0000

°C	°F	°C	°F
-40	-40	110	230
-30	-22	120	248
-20	-4	130	266
-10	+14	140	284
0	+32	150	302
10	50	200	392
20	68	300	572
30	86	400	752
40	104	500	932
50	122	600	1112
60	140	700	1292
70	158	800	1472
80	176	900	1652
90	194	1000	1832
100	212	2000	3632

System International (SI)		
Basic size	Basic unit	Symbol
Length	meter	m
Mass	kilogram	kg
Time	second	s
Electric current	ampere	A
Thermodynamic temperature	kelvin	K
Luminous intensity	candela	cd
Amount of substance	mole	mol

1 at	= 0.981 bar = 0.981 x 10 ⁵ Pascal (Pa)
1 kp	= 9.81 Newton (N)
1 PS	= 0.746 kW
0 °C	= 273 Kelvin (K)

mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
0.0254	0.001	0.4318	0.017	0.8382	0.033	1.2192	0.048	1.6256	0.064
0.0508	0.002	0.4572	0.018	0.8636	0.034	1.2446	0.049	1.6510	0.065
0.0762	0.003	0.4826	0.019	0.8890	0.035	1.2700	0.050	1.6764	0.066
0.1016	0.004	0.5080	0.020	0.9144	0.036	1.2954	0.051	1.7018	0.067
0.1270	0.005	0.5334	0.021	0.9398	0.037	1.3208	0.052	1.7272	0.068
0.1524	0.006	0.5588	0.022	0.9652	0.038	1.3462	0.053	1.7526	0.069
0.1778	0.007	0.5842	0.023	0.9906	0.039	1.3716	0.054	1.7780	0.070
0.2032	0.008	0.6069	0.024	1.0000	0.0394	1.3970	0.055	1.8034	0.071
0.2286	0.009	0.6350	0.025	1.0160	0.040	1.4224	0.056	1.8288	0.072
0.2540	0.010	0.6604	0.026	1.0414	0.041	1.4478	0.057	1.8542	0.073
0.2794	0.011	0.6858	0.027	1.0668	0.042	1.4732	0.058	1.8796	0.074
0.3048	0.012	0.7112	0.028	1.0922	0.043	1.4986	0.059	1.9050	0.075
0.3302	0.013	0.7366	0.029	1.1176	0.044	1.5240	0.060	1.9304	0.076
0.3556	0.014	0.7620	0.030	1.1430	0.045	1.5494	0.061	1.9558	0.077
0.3810	0.015	0.7874	0.031	1.1634	0.046	1.5748	0.062	1.9812	0.078
0.4064	0.016	0.8128	0.032	1.1938	0.047	1.6002	0.063	2.0000	0.0787

Environment.

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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