Premium-Line pliers.







One program to cover all areas.

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

Made in Germany.

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









10 year guarantee!**



- * For instructions on how to clean and take care of the Dentaurum pliers and instruments, please refer to our separate information sheet REF 989-590-20. Repair service available on manufacturer's site (e.g. wear).
- **The 10 year guarantee is on material and workmanship, loosening of cutting inserts, breakage and cornosion of pilers' 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.



Ortho-Cast M-Series cap removal pliers sterilizable

l pliers REF 003-805-00

With replaceable blade.

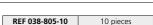
Only suitable for use with Ortho-Cast M-Series buccal tubes.

Components supplied:

Pliers, fitted with a blade plus two replacement blades

and one hex key.

Premium-Line · 10 year guarantee



1 piece



Blade

sterilizable

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

Components supplied:

10 blades + 2 screws



Special bracket debonding pliers, 45° angled sterilizable

For the removal of brackets and adhesive residues.

45° angled cutting surface, specially ground to fit purpose. Hard metal inserts.

Premium-Line · 10 year guarantee

REF 004-350-00	1 piece



Bracket removing pliers, straight

sterilizable

For removing brackets between bracket base and adhesive. With hard metal inserts.

Length: 13.0 cm

Premium-Line · 10 year guarantee

REF 004-346-00 1 piece	
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Bracket removing pliers

sterilizable

For removing brackets between bracket base and adhesive.

Premium-Line · 10 year guarantee

REF 003-349-00	1 piece



Plastic insert

sterilizable

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

REF 038-356-00	4 pieces

Bracket removing pliers, angled sterilizable

For easy removal of lingual brackets and brackets in the posterior region. Inserts made of hard metal.

Premium-Line · 10 year guarantee





Oliver-Jones band removing pliers

sterilizable

With replaceable plastic tip. With hard metal insert.

Premium-Line · 10 year guarantee

REF 026-347-00	1 piece
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Plastic tip

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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Johnson contouring pliers

sterilizable

Curvature of the beaks only on one side. For contouring and adapting bands and crowns.

Premium-Line · 10 year guarantee



REF 003-114-00 1 piece



Separating pliers

sterilizable

For expanding Dentalastics® separating rings before positioning.

Premium-Line · 10 year guarantee

DEE 04E 460 00	1 -:



How pliers, straight

sterilizable

Universal pliers for the multi-bracket technique. Due to the slender working tips these pliers are perfect for positioning bands with prewelded brackets. Also in the lower anterior area. **Not suitable for debonding brackets.**

REF 003-112-00	1 piece





How pliers, curved

sterilizable

These curved pliers are especially suited for the posterior region. **Not suitable for debonding brackets.**

Premium-Line · 10 year guarantee





Side cutter Maxi

sterilizable

Inserts made of hard metal.

We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!

Max. wire thickness: ø 1.0 mm, hard

Premium-Line · 10 year guarantee





Distal end cutter Mini

sterilizable

For shortening the archwire ends in the multi-bracket technique. Delicate design. Wire holder. Inserts made of hard metal.

Length: 12.0 cm

Max. wire thickness:

Ø 0.56 mm x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-701-00	1 piece



Distal end cutter Mini

sterilizable

With longer handle for easier handling when shortening archwire ends. Delicate design. Wire holder.

Inserts made of hard metal.

Length: 14.0 cm

Max. wire thickness:

Ø 0.56 mm x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee





Distal end cutter Maxi

sterilizable

For shortening the archwire ends in the multi-bracket technique. Robust design. Wire holder.

Inserts made of hard metal.

Length: 12.0 cm

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

Premium-Line \cdot 10 year guarantee





Flush Cutter Mini, with silicone O-ring

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

Length: 11.7 cm

Max. wire thickness: ø 0.50 mm / 20

REF 003-705-00	1 piece
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Flush Cutter Maxi, with silicone O-ring sterilizable

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

Length: 14.2 cm

Max. wire thickness: Ø 0.50 mm / 20 **Premium-Line · 10 year guarantee**

REF 003-706-00	1 piece
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Silicone O-ring

sterilizable

For Flush Cutter Mini and Maxi, REF 003-705-00 and 003-706-00

REF 037-356-00	10 pieces



Ligature cutter Mini sterilizable

Accuracy right to the tip for smooth cutting of soft ligature wires. With hard metal inserts.

We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!

Max. wire thickness: ø 0.4 mm, soft **Premium-Line · 10 year guarantee**

REF 014-151-00 1 piece



Ligature cutter 45°

sterilizable

45° angled cutting tips for easy cutting of ligatures, especially in the posterior areas. With hard metal inserts. We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness! Max. wire thickness: Ø 0.4 mm, soft

Premium-Line · 10 year guarantee

RFF 014-152-00	1 niece



Side cutter Medium sterilizable

Black DLC coating. Smooth cuts guaranteed by accurate cutting edges. Inserts made of hard metal. We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness!

Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee**

REF 016-153-00 1 piece



Light Wire pliers

sterilizable

For especially fine wire bending in the light wire technique. Max. wire thickness: Ø 0.5 mm, spring hard

REF 003-130-00	1 niece
REF 003-130-00	1 piece



Premium-Line pliers / Fixed appliance technique



Begg Light Wire pliers

sterilizable

For especially fine wire bending in the light wire technique. Additional cutting device. Inserts made of hard metal. Max. wire thickness: ø 0.5 mm, spring hard

Premium-Line · 10 year guarantee

REF 004-130-00 1 piece



Angle / Tweed ribbon arch pliers

For applying torque to square wires. Parallel grip prevents crushing of wire. Inserts made of hard metal. Max. wire thickness:

Ø 0.56 mm x 0.70 mm / 22 x 28

Premium-Line · 10 year guarantee

REF 003-442-00	1 piece



Weingart universal pliers

sterilizable

For positioning the arch and bending the arch wire ends. Accurately closing serrated tips. With hard metal inserts. Also suitable for debonding brackets.

Max. wire thickness: ø 0.5 mm. hard Premium-Line · 10 year guarantee

REF 003-120-00	1 piece



Weingart universal pliers Mini

sterilizable

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

Not suitable for debonding brackets.

Max. wire thickness: ø 0.5 mm, hard Premium-Line · 10 year guarantee

REF 003-121-00 1 piece



Lingual bending pliers

sterilizable

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

Steps: 1.5 mm; 2.0 mm; 2.5 mm and 3.0 mm

Max. wire thickness: ø 0.5 mm, hard

Premium-Line · 10 year guarantee

KEF 003-121-00	i piece

1 piece



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 003-001-00



Premium-Line pliers / Fixed appliance technique

Jarabak Light Wire pliers sterilizable

With guiding grooves.

Max. wire thickness: ø 0.5 mm, spring hard

Premium-Line · 10 year guarantee





Tweed loop forming pliers

sterilizable

For especially fine bendings.

Max. wire thickness: Ø 0.5 mm, hard **Premium-Line · 10 year guarantee**

REF 012-350-00 1 piece



Tweed loop forming pliers

sterilizable

For especially fine bendings. With individually replaceable hard metal tip. Max. wire thickness: ø 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 012-351-00	1 piece
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qiT

sterilizable

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

REF 038-357-00	3 pieces





De La Rosa contouring pliers sterilizable

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

Premium-Line · 10 year guarantee

REF 00/1-109-00	1 niece



Lingual arch bending pliers sterilizable

For individual construction and activation of lingual/palatal bars. Using these pliers, the bent tips of the wire will fit into all Dentaurum lingual/palatal tubes ø 2 x 0.9 mm.

Max. wire thickness: ø 0.9 mm, hard

REF 003-185-00	1 niece



Premium-Line pliers / Fixed appliance technique



Crimping pliers, for Herbst TS / SUS sterilizable

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

REF 003-710-00	1 piece
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Crimping pliers

sterilizable

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

Premium-Line · 10 year guarantee

REF 003-711-00	1 piece



Angle wire bending pliers standard sterilizable

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

Max. wire thickness: ø 0.7 mm, hard

Premium-Line · 10 year guarantee

REF 003-139-00	i piece



Angle wire bending pliers

sterilizable

Sturdy constructed pliers with one cone and one pyramid shaped beak. Inserts made of hard metal. Max. wire thickness: Ø 0.7 mm. hard

Premium-Line · 10 year guarantee

REF 004-139-00	1 piece



Facebow bending pliers Magnum sterilizable

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

DEE 002 100 01	1 piece

Premium-Line pliers / Fixed appliance technique

Hollow chop pliers Extra-Mini sterilizable

Ideally suited for forming different loops and adjusting preshaped arches for the fixed appliance technique. Max. wire thickness: Ø 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-350-00	1 piece
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Hollow chop pliers Mini

sterilizable

For loop forming and bending of round and rectangular wires. Max. wire thickness: Ø 0.5 mm, hard

Premium-Line · 10 year guarantee

REF 003-351-00 1 piece	REF 003-351-00	1 piece
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Hammer head pliers

sterilizable

For bending nickel-titanium arches/wires in the molar region. The two ends fit together like a tongue and groove around the nickel titanium wire, so that the ends of the wire attain the required bend with one squeeze of the pliers.

Max. wire thickness:

ø 0.45 mm / 18, \boxtimes 0.41 mm x 0.56 mm / 16 x 22

Premium-Line · 10 year guarantee

REF 003-355-00 1 piece



Aderer 3-prong pliers Extra-Mini sterilizable

For bending wires/arches for the fixed appliance technique. Specially suited for bending NiTi wires/arches such as rematitan® LITE and Tensic®.

Max. wire thickness:

ø 0.5 mm, hard, \boxtimes 0.48 mm x 0.64 mm / 19 x 25







Premium-Line pliers / Removable appliance technique



Hollow chop pliers Medium

For bending small springs, eyelets and loops. Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee** REF 003-053-00 1 piece



Hollow chop pliers Maxi

For bending springs, loops and space maintainers. Max. wire thickness: Ø 0.8 mm, hard **Premium-Line · 10 year guarantee** **REF 003-233-00** 1 piece



Ruhland loop forming pliers Magnum

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

Max. wire thickness: Ø 1.1 mm. hard

REF 001-650-00 1 piece



Adams pliers Medium

With two smooth, rectangular beaks. With guiding grooves.

Length: 12.0 cm

Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee**

Premium-Line · 10 year guarantee

REF 003-514-00	1 piece



Adams pliers Medium

With two smooth, rectangular beaks. Hard metal coated working faces.

Length: 12.0 cm

Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee** REF 003-515-00 1 piece



Adams pliers Medium

With two smooth, rectangular beaks. Inserts made of hard metal. With guiding groove.

Length: 12.0 cm

Max. wire thickness: Ø 0.7 mm, spring hard **Premium-Line · 10 year guarantee**

RFF 004-515-00	1 niece

Premium-Line pliers / Removable appliance technique

Adams pliers Maxi

With two smooth, rectangular beaks.

Length: 14.5 cm

Max. wire thickness: ø 0.8 mm, hard **Premium-Line · 10 year guarantee**

REF 003-094-00	1 piece



Adams pliers Medium

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

Length: 14.0 cm

Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee** **REF 003-516-00** 1 piece



Adams pliers Maxi

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

Length: 16.0 cm

Max. wire thickness: ø 0.8 mm, hard **Premium-Line · 10 year guarantee**

REF 004-095-00 1 piece



Wire bending pliers, wide

Serrated tips. With guiding groove.

Max. wire thickness: Ø 0.8 mm, hard

Premium-Line • 10 year quarantee

REF 033-452-00 1 piece



Wire bending pliers Maxi

Serrated tips. With guiding groove. Universal bending and cutting pliers. Inserts made of hard metal.

Max. wire thickness: ø 0.9 mm, hard

Cuts up to: ø 0.7 mm, hard

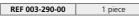
Premium-Line · 10 year guarantee

REF 013-522-00	1 niece



Universal wire bending pliers

With serrated tips and guiding grooves. Hard metal coated working faces. Max. wire thickness: Ø 0.8 mm, hard





Premium-Line pliers / Removable appliance technique



Pointed beak pliers

Smooth beaks with guiding groove. Inserts made of hard metal. Max. wire thickness: Ø 0.7 mm, spring hard **Premium-Line · 10 year guarantee**

REF 004-455-00	1 piece
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Pointed beak pliers

Serrated beaks with guiding groove. Fine pointed. Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee**

REF 035-455-00	1 piece
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Young loop pliers

Universal pliers for different size loops. Ideal for labial arches. Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee**

REF 012-074-00	1 piece



Aderer 3-Prong pliers Mini

Length: 12.5 cm

Max. wire thickness: ø 0.7 mm, hard **Premium-Line · 10 year guarantee**

REF 003-201-00	1 niece



Aderer 3-Prong pliers Medium

Length: 12.5 cm

Max. wire thickness: ø 0.9 mm, hard **Premium-Line · 10 year guarantee**

REF 003-200-00	1 niece



Aderer 3-Prong pliers Maxi

Sturdy design. **Length: 15.0 cm**

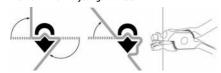
Max. wire thickness: ø 1.5 mm, hard **Premium-Line · 10 year guarantee**

DEE 003 303 00	1 piece

Premium-Line pliers / Removable appliance technique

Arrow clasp former

Max. wire thickness: ø 0.7 mm, hard **Premium-Line · 10 year guarantee**



REF 012-520-00 1 piece



Arrow clasp bending pliers

Max. wire thickness: Ø 0.7 mm, hard **Premium-Line · 10 year guarantee**



REF 012-521-00 1 piece





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

EQ-Line pliers. Dental instruments.

Good quality pliers at reasonable prices. A versatile range for the orthodontic practice and laboratory.





EQ-Line pliers / Fixed appliance technique



Bracket removing pliers sterilizable

For removing brackets.

REF 045-005-00	1 piece
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Plastic insert

sterilizable

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

REF 038-356-00	4 pieces



Distal end cutter sterilizable

For shortening the archwire ends in the multi-bracket technique. Wire holder. Inserts made of hard metal. Max. wire thickness:

Ø 0.56 mm x 0.70 mm / 22 x 28

REF 045-021-00	1 piece
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Side cutter Medium

sterilizable

For cutting wires and arches. Inserts made of hard metal. We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness! Max. wire thickness: ø 0.7 mm, hard



Oliver-Jones band removing pliers sterilizable

With replaceable plastic tip.

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Plastic tip

sterilizable

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

REF 039-357-00	10 pieces
KEF 039-35/-00	TO bleces



How pliers, straight sterilizable

Universal pliers for the multi-bracket technique.

The special tip design makes these pliers suited for seating individual anterior bands.

REF 045-006-00	1 piece

EQ-Line pliers / Fixed appliance technique

Angle / Tweed ribbon arch pliers sterilizable

For applying torque to square wires. Parallel retention prevents compression of the wire.

Max. wire thickness:

Ø 0.56 mm x 0.70 mm / 22 x 28

REF 045-000-00	1 piece



Weingart universal pliers

sterilizable

For positioning the arch and bending the arch wire ends. Max. wire thickness: ø 0.5 mm, hard

REF 045-003-00	1 piece
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Nance loop bending pliers

sterilizable

With four-step beaks for producing loops of different sizes in round and rectangular wires.

Max. wire thickness: ø 0.7 mm, spring hard

REF 045-010-00	1 piece



Jarabak Light Wire pliers

sterilizable

Max. wire thickness: ø 0.5 mm, spring hard

REF 0//5_009_00	1 niece



Tweed loop forming pliers sterilizable

For especially fine bendings.

Max. wire thickness: ø 0.5 mm, hard

RFF 045-001-00	1 piece



Angle wire bending pliers

sterilizable

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

Max. wire thickness: ø 0.7 mm, hard



EQ-Line pliers / Removable appliance technique



Loop forming pliers Medium

Max. wire thickness: ø 0.7 mm, hard

REF 045-012-00	1 piece
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Loop forming pliers Maxi

E.g. for bending space maintainers. Max. wire thickness: ø 0.8 mm, hard

REF 045-013-00	1 piece
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Ruhland loop forming pliers Magnum

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

Max. wire thickness: ø 1.1 mm, hard

REF 045-014-00	1 piece



Adams pliers Medium

With two smooth rectangular beaks. With guiding groove. Max. wire thickness: ø 0.7 mm, hard

REF 045-015-00	1 piece
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Adams pliers Maxi

With two smooth rectangular beaks. With groove.

Max. wire thickness: ø 0.8 mm, hard

REF 045-016-00	1 piece
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Adams pliers Maxi

With one smooth, rectangular and one smooth, rounded beak. Max. wire thickness: ø 0.8 mm, hard

REF 045-017-00	1 piece
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Wire bending pliers Maxi

Max. wire thickness: ø 0.9 mm, hard Cuts up to: ø 0.7 mm, hard

REF 045-019-00	1 piece

EQ-Line pliers / Removable appliance technique

Pointed beak pliers

Smooth beaks with guiding groove. Fine pointed. Max. wire thickness: ø 0.7 mm, hard

REF 045-018-00	1 piece



Young loop pliers

Universal pliers for different size loops. Ideal for labial arches. Max. wire thickness: Ø 0.7 mm, hard



Aderer 3-Prong pliers Extra-Mini

Max. wire thickness: ø 0.8 mm, hard

REF 045-020-00	1 piece



Aderer 3-Prong pliers Mini

Max. wire thickness: ø 0.7 mm, hard

REF 045-007-00	1 piece



Aderer 3-Prong pliers Medium

Max. wire thickness: ø 0.9 mm, hard

RFF 045-008-00	l l'niece



Heavy gauge side cutter Magnum

Little force required for cutting through large size wires due to special design.

We do not recommend using the front third of the cutters for cutting wires with the maximum indicated thickness! Max. wire thickness: Ø 1.3 mm, hard





Instruments



Crimping tweezers

sterilizable

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

REF 025-277-00 1 piece



Crimping tweezers sterilizable

With long placement and angulation aid. For bracket placement. The blade at the end of the tweezers can be used for angulating brackets.

REF 025-276-00	1 piece



Crimping tweezers

sterilizable

For posterior teeth.

Specially suited for placing brackets and buccal tubes in the posterior area.

REF 025-279-00	1 piece



Crimping tweezers

sterilizable

Delicate tweezer design for easy bracket and buccal tube placement.



discovery® pearl debonding instrument sterilizable

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

REF 019-001-00	1 piece



sl-instrument, for discovery® sl

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

REF 023-276-00	1 piece
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sl-instrument, for discovery® sl 2.0 sterilizable

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

REF 023-277-00	1 piece

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

Instruments

Scaler, double-ended

sterilizable

For removing adhesive and cement residues.

With serrated band seater.

EF 027-349-00	l 1 piece



Separating strips*

sterilizable

Width: 4 mm

Coating	REF	Quantity
double-sided	018-001-01	12 pieces
one-sided	018-002-01	12 pieces



Scissors

For cutting thin metal bands.

Version	REF	Quantity
straight	007-024-00	1 piece
curved	008-025-00	1 piece



Band seating instrument, plastic sterilizable to a maximum of 180 °C / 356 °F

With hard metal, triangular serrated tip.

REF 026-355-00	1 piece



Band pusher

acc. to Mershon

sterilizable

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

DEE 024 200 04	1 20000





Instruments



Bracket positioning gauge

sterilizable

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

With metal tips.

REF 030-390-00 1 piece



Needle holder Medium

acc. to Mathieu

sterilizable

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

REF 000-030-00	1 piece



Needle holder Medium, with finger ring

acc. to Bachmann

sterilizable

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

REF 000-035-00	1 piece
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Needle holder Mini

acc. to Mathieu

sterilizable

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

REF 000-031-00	1 piece



Mosquito forceps, without hook sterilizable

Crown forceps or for placing Dentalastics® plastic ligatures.

REF 000-730-00	1 piece
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Mosquito forceps, with hook

sterilizable

For placing Dentalastics® plastic ligatures.

REF 000-731-00	1 piece

Instruments

Mosquito forceps, curved

sterilizable

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

REF 000-732-00	1 piece



Dental mirror with reference lines (assembled), lingual

sterilizable

REF 023-279-00	1 piece
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Dental mirror with reference lines (without grip), lingual

sterilizable

REF 023-279-10	1 piece
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Positioning tool, lingual sterilizable

REE 023-278-00	1 niece



Ligator

sterilizable

For fast ligating of the complete arch and figure-eight ligatures. Y-shaped tip simplifies the twisting of the ligatures.

Max. wire thickness: ø 0.3 mm, soft





Accessories (for ligator REF 023-292-00)

ster	iliz	ab	le

Spare part	REF	Quantity
Hard metal tip	023-293-00	1 piece
Spool	023-294-00	1 piece
Screw	023-295-00	1 piece







Instruments



Ligature tightener and adapter sterilizable

Ligature adjuster and tucker for long preformed ligatures.

REF 022-274-00	1 piece
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Ligature adapter, double ended

For bending and adapting wire ligatures.

REF 021-273-00	1 piece
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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
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Arch turret without torque

For forming flat, plain arches made of rectangular wires.

For rectangular wires:

☑ 0.41 mm / 16

☑ 0.43 mm / 17

Ø 0.46 mm / 18Ø 0.51 mm / 20

Ø 0.56 mm / 22

Color: blue

REF 004-180-00	1 piece



Arch turret with torque / 16

in 0°, 7°, 10°, 13° and 16° Torque

Color: red

REF 004-186-00	1 piece

Instruments

Arch turret with torque / 16 x 16

For forming flat or angulated (torque) rectangular arches. $\[\square \]$ 0.41 mm x 0.41 mm / 16 x 16 in 0°, 10°, 16° and 23° Torque Specially designed for the Ricketts® technique. Color: green

REF 004-187-00	1 piece
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Arch turret with torque / 18

REF 004-182-00 1 piece



Arch turret with torque / 22

For forming flat or angulated (torque) rectangular arches. ☑ 0.56 mm x 0.70 mm / 22 x 28 in 0°, 7°, 10°, 13° and 16° Torque Color: silver





LinguForm arch turret without torque

For forming flat, plain arches made of round or rectangular wires for the lingual technique.

ø 0.35 mm / 14, \boxtimes 0.35 mm / 14

ø 0.41 mm / 16, Ø 0.41 mm / 16

ø 0.46 mm / 18, \boxtimes 0.46 mm / 18

ø 0.48 mm / 19, \boxtimes 0.48 mm / 19

ø 0.51 mm / 20, ⊠ 0.51 mm / 20

Color: silver





Measuring gauge

With drag indicator for measuring tensile and compressive forces. Suitable for measuring on the model.

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



Instruments



Dental vernier

acc. to Beerendonk

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

REF 042-750-00 1 piece



Dental vernier (Münchner design)

With extra delicate tips. Suitable for width and distance measurements on the model.

REF 042-751-00	1 piece
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Ruler

acc. to Bernklau

sterilizable

Material: stainless steel

Perfect for all diagnostic measurements, both intra-oral and on the model.

REF 044-730-01	1 piece
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Wedge gauge

For checking the gap width on palatal expanders.

REF 043-720-00	1 piece



Ruler

Material: plastic

For measuring labial arches, Adams clasps, palatal bars, etc. Color: white REF 766-000-00 1 piece



Ruler (Münchner design)

Material: stainless steel

With 1/2 mm and mm increments.

Length: 15.0 cm

REF 044-731-00 1 piece	REF 044-731-00	1 piece
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Measuring grid

acc. to Schmuth

For parallax-free, optical measurement of the dental arch. When looking through the grid the red sighting grid should be covered by the corresponding black measuring lines to ensure parallax compensation for precise measurement of distances.

REF 003-366-00	1 piece

Instruments

Instrument set acc. to Korkhaus

Set with orthometer, mm disk, cm disk and bow divider with sleeve.

DEE 020 200 02	1
REF 029-360-02	l 1 set



Orthometer

For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

REF 029-364-00	1 piece
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Bow divider, with sleeve

For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

REF 029-361-02	1 piece
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Centimeter disc

For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

RFF 029-362-00	1 niece



Millimeter disc

For Instrument set acc. to Korkhaus (REF 029-360-01 and 029-360-02).

REF 029-363-00	1 niece



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!





Bow divider

Standard design. For surveying the model and measuring tooth widths by positioning on the model.

Not approved for intra-oral use!

REF 030-395-03	1 piece



Tip for bow divider

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

REF 030-396-02	1 piece	



Accessories



Tracing-protractor template, standard

Material: plastic With protractor and tooth symbols. For evaluation of radiographs. Dimensions: 207 mm x 132 mm

Color: transparent

REF 004-368-00	1 piece



Tracing-protractor template

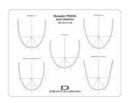
acc. to Ricketts®

Material: plastic

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

Dimensions: 197 mm x 74 mm Color: transparent, clear

REF 004-369-00	1 piece



Penta arch template

acc. to Ricketts® Material: plastic For determining the

For determining the Penta archwire shape. Dimensions: 30.3 cm x 21.6 cm

Color: transparent, clear

REF 004-373-00 1 piece	ner 004-373-00 1 piece
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Tracing foil

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

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

Accessories

Maintenance and protection oil

For the maintenance of pliers and instruments. Application in particular before sterilisation.

REF 055-201-00	50 ml
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Stand for wires and pliers

Material: plastic

With 6 tubes for straight wires.

Do not use disinfectants containing ethanol,

phenol or alcohol. Color: transparent, clear Height: approx. 13 cm Width: approx. 18 cm

REF 055-101-01	1 piece



Stand for pliers

Material: plastic

Do not use disinfectants containing ethanol, phenol or alcohol.

Color: transparent, clear

suitable for	Length	REF	Quantity
approx. 7 pliers	13.0 cm	055-000-00	1 piece
approx. 14 pliers	25.5 cm	055-100-00	1 piece



Stand for pliers

Material: plastic

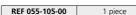
For 15 pliers.

Do not use disinfectants containing ethanol,

phenol or alcohol.

Dimensions: 30 cm x 20 cm x 6.5 cm (W x D x H)

Color: white







Accessories



Bur stand magnetic holder

Partly plastic.

- permanent magnets ensure firm retention of the instruments
- magnet holder without instruments
- do not use disinfectants containing ethanol, phenol or alcohol

REF 089-430-00	1 piece
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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





Marking pencil Wax pencil

Color: white

REF 043-700-00	6 pieces
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Marking pencil

indelible



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