

INTERORTO

CATALOGUE







CONTENTS

BRACKETS	4
----------	---

BANDS	11
-------	----

TUBES	12
-------	----

ATTACHMENTS	14
-------------	----

ADHESIVE	15
----------	----

WIRES	18
-------	----

WIRE PRODUCTS	23
---------------	----

ELASTOMERICS	26
--------------	----

EXTRAS	28
--------	----

INFORMATION AND EDUCATION PRODUCTS	32
------------------------------------	----

DENTAL KNIVES AND SPATULAS	34
----------------------------	----

PLIERS	36
--------	----

INSTRUMENTS	42
-------------	----

RACKS	47
-------	----

3

1. BRACKETS

CANNON ULTRA™ HAVE YOU TRIED THE SMART NEW WAY TO DO ORTHODONTICS?



Low friction (levelling), vertical control (intrusion) and space closure – all made possible by this patented unique bracket!

Dr. James CANNON

Developer of the system and designer of the bracket



METAL

Full rotational control
for greater exibility

Rhomboid low profile design
for patient comfort and secure bonding

Generous tie wing area
for easier ligation

Durable one piece design

Torque in base



Colour enhanced ID
for easier identification

Centered hook for
accuracy and comfort

0.035" wing slot for
fully controlled tipping

0.018" edgewise slot
for traditional movements

State of the art base design
for enhanced bond strength



Cannon brackets are offered in full sets or individually (package of 10) in 0.018" x 0.025", with special tubes, available for either bonding or welding.

Recognizing the use for both frictionless and edgewise type of tooth movement, this bracket has been designed to offer the best of both worlds.

The advantages can be summarized:

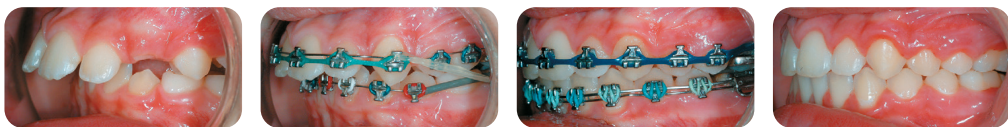
- Beautiful results in a short time.
- Treatment planned and performed on the basis of a biological concept of occlusion itself.
- Clear reduction in treatment time, as well as operator/ chair time
- Unique vertical control, based on a differential diagnosis of vertical occlusion.
- Short levelling phase, based on frictionless tooth movement
- Space closure like you never thought possible



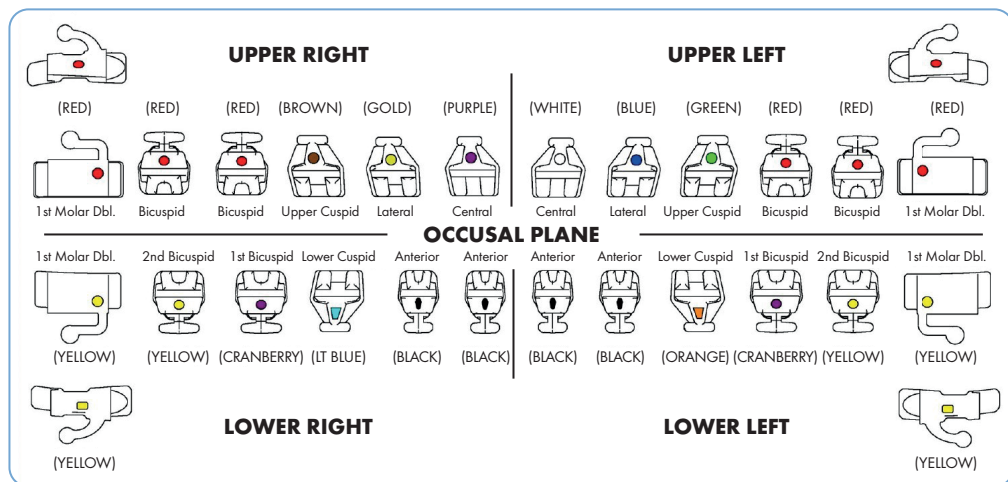
Case 1:



Case 2:



Colour coding:



AESTHETIC



Bracket available in aesthetic version.

BOOKS AND LITERATURE



The Cannon Ultra System

An excellent book written by Dr.Cannon and Dr.Williams. Step-by-step explanation of the technique with lot of illustration. Available in English, Polish and Slovak.



METAL

STRATUS – ECONOMY BRACKETS

An economy priced quality bracket.
Available in sets with 0.018" or 0.022" slot. Well fitting base with 80micron net.

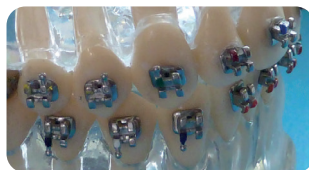
Available only in Roth prescription.



STRATUS V-SLOT BRACKETS

- Increase bracket efficiency with a vertical slot!
- Especially useful in levelling and incisor intrusion.
- Achieve maximal advantage with Niti and TMA wires.
- Enable biomechanical efficiency through simple bracket/wire connection

A new version of an old principle!



MULTIPLEX – SELF-LIGATING BRACKETS

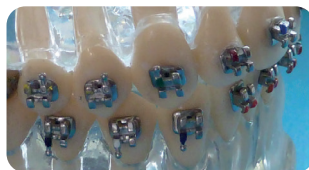
Copy of original Damon bracket, slot 0.022"



BEGG BRACKETS

The best bracket for uprighting
and sagittal tooth movement.

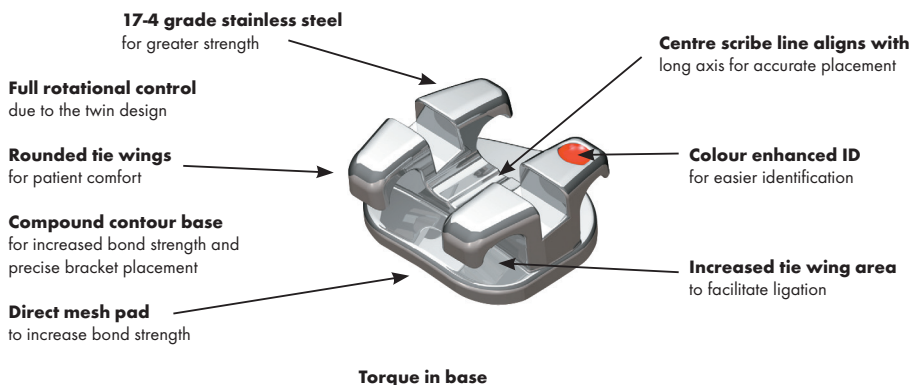
Old time favourite!



MAGNUM™ – THE BRACKET FOR ALL OCCASIONS

Magnum is a high quality American produced bracket with many refinements and superior esthetics. This low profile bracket is available in 0.018" and 0.022" slot.

Superior bracket with enhanced comfort and flexibility.



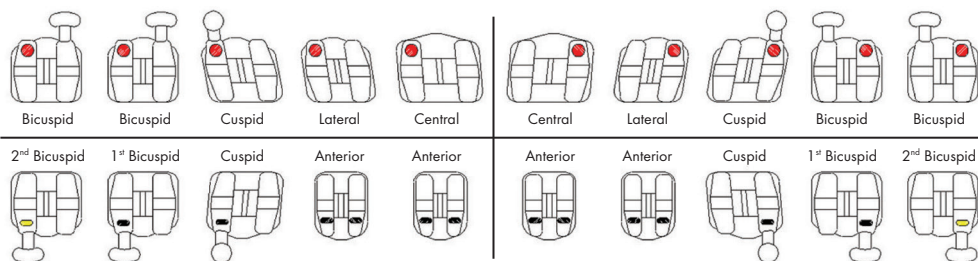
Precision shaped base with 80 gauge foil mesh bonding pad that matches the curvature of the tooth for maximum contact and a strong, consistent bond.



Available with extended bonding pad for bicuspids to dramatically increase bond strength.

Available in slot 0.018", or 0.022"

We stock Roth prescription, other prescriptions also available.





AESTHETIC

AVANTI – BEAUTIFULLY FUNCTIONAL BRACKETS



Crystal clear material adapts perfectly to the tooth color

Colour enhanced ID for easier identification

Nickel-free metal-lined slot for improved sliding efficiency, strength, and accurate positioning

Mesial and distal pockets provide greater inter-bracket distance, reducing wire forces and improving patient comfort

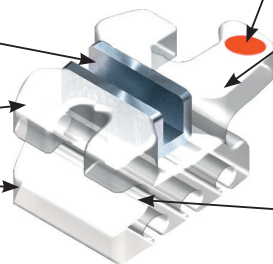
Contour tie wings for patient comfort

Compound contour base for an ideal bracket fit

Rounded corners for enhanced patient comfort

Ample tie wing area for easier ligation

Torque in base



The attractive, comfortable Avanti composite brackets feature a nickel-free silver alloy-lined archwire slot that makes them a safe alternative for nickel-sensitive patients. The metal liner is precisely integrated into the bracket body, creating a pleasantly aesthetic device that delivers the sliding mechanics of a metal slot.

Delivering sliding mechanics of low friction methods in an aesthetically pleasing bracket system.

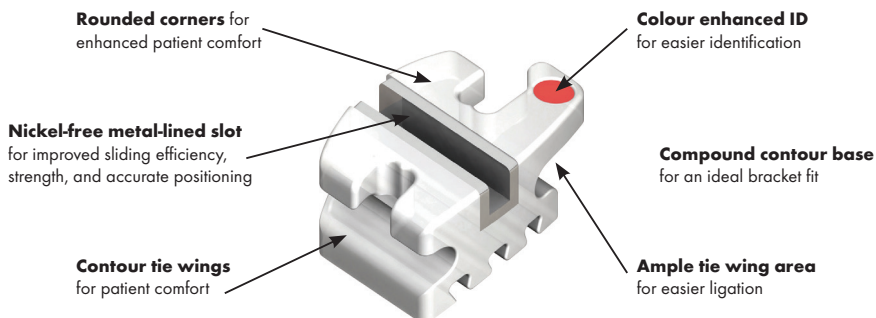




SPLENDORE – A HIGH QUALITY CERAMIC BRACKET WITH METAL LINED SLOT

The preferred aesthetic choice

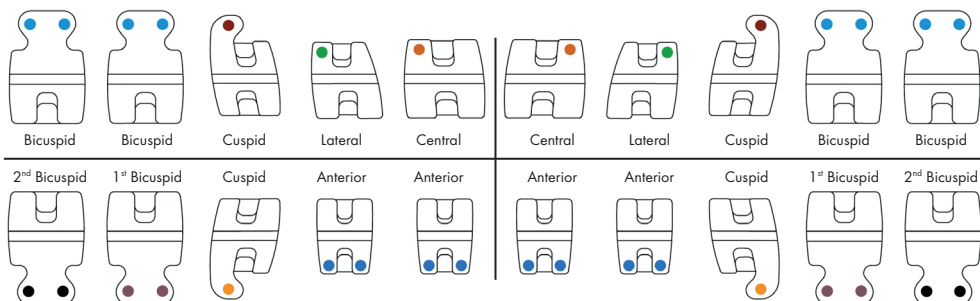
Splendore offers everything you need in an aesthetic bracket. Accurate shape, good looks, metal lined slot and a unique state-of-the-art dovetail base for good retention. De-bonding can be achieved in a normal way using currently available bonding techniques.



Splendore brackets feature a distinctively designed dove tailed base for increased surface contact, allowing for excellent adhesion. The brackets are designed with a porous coating that provides millions of additional undercuts that firmly grip the adhesive. As a result, additional primer agents are not required to bond Splendore brackets to the tooth's enamel.

Available in slot 0.018", or 0.022"

We stock Roth prescription, other prescriptions also available.





SMILES – CERAMIC BRACKETS

- Made from 99,9% pure polycrystalline alumina
- Resistant to cracking, fracturing, and slot-wear
- Impervious to staining or discoloration
- Translucent appearance
- Superior bond strength



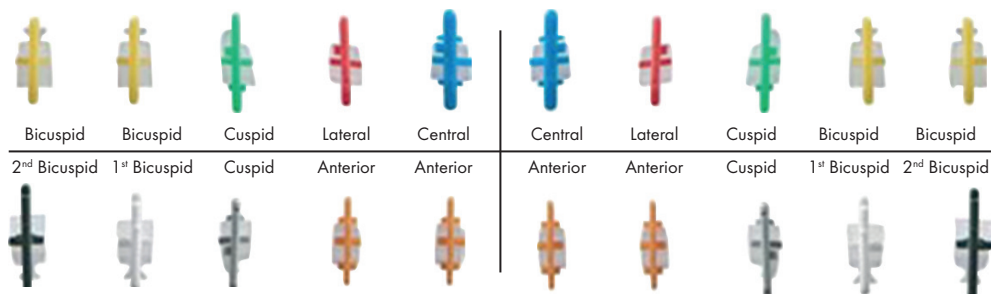
SMILES – SELF-LIGATING BRACKETS

- Self-ligating ceramic bracket with absolutely no metal showing
- Opening and closing the slot is very easy
- The lower 4's and 5's are metal self-ligating brackets with the same design



BELLA – CERAMIC BRACKETS

Constructed of 99,9% pure polycrystalline alumina for unsurpassed strength, a translucent appearance, and resistance to staining, cracking, fracturing, and slot wear. Superior retention and easy debonding can also be achieved, thanks to the deep groove design. Plastic color markers provide easy identification and placement of the brackets.



2. BANDS

SMART MOLAR BANDS

A complete line of contoured molar bands for all your treatment needs. Our molar bands feature increased buccal height for greater flexibility in the placement and positioning of buccal tubes and lingual attachments, precision-shaped tooth anatomy for a tight, secure fit with excellent retention.

Good shape and height!

We offer:

- plain bands
- maxillary bands with triple tubes
- maxillary bands with triple tubes and palatal sheaths
- mandibular bands with double tubes



SMART	UNITEK	GAC	DENTAURUM	SNAPFIT
33	33	7	11	7
33+	33,5	8	12	8
34	34	9	13	9
34+	34,5	10	14	10
35	35	11	15	11
35+	35,5	12	16	12
36	36	13	17	13
36+	36,5	14	18	14
37	37	15	19	15
37+	37,5	16		16
38	38	17	22	17
38+	38,5	18	23	18
39	39	19	24	19
39+	39,5	20	25	20
40	40	21	27	21
40+	40,5	22		22
41	41	23	28	23
41+	41,5	24		24
42	42	25	32	25
42+	42,5	26		26
43	43	27		27
43+	43,5	28		28
44	44	29		29
44+	44,5	30		30

Other conversions also available.

SNAPFIT MOLAR BANDS

Better contour, elasticity and morphology.



3. TUBES WELDABLE AND BONDABLE



MAXILLARY SINGLE TUBES:

-10° (ROTH) torque
Main tube: 0.022" x 0.028"
or 0.018" x 0.025"

MANDIBULAR SINGLE TUBES:

-25° (ROTH) torque or -20° (MBT)
Main tube: 0.022" x 0.028"
or 0.018" x 0.025"



MAXILLARY DOUBLE TUBES:

-10° (ROTH) torque
Auxiliary tube: 0.018" x 0.025"
Main tube: 0.022" x 0.028"
or 0.018" x 0.025"

MANDIBULAR DOUBLE TUBES:

-25° (ROTH) torque or -20° (MBT)
Auxiliary tube: 0.018" x 0.025"
Main tube: 0.022" x 0.028" or
0.018" x 0.025"



MAXILLARY TRIPLE TUBES:

-10° (ROTH) or -14° (MBT) torque
Auxiliary tube: 0.018" x 0.025"
Main tube: 0.022" x 0.028"
or 0.018" x 0.025"

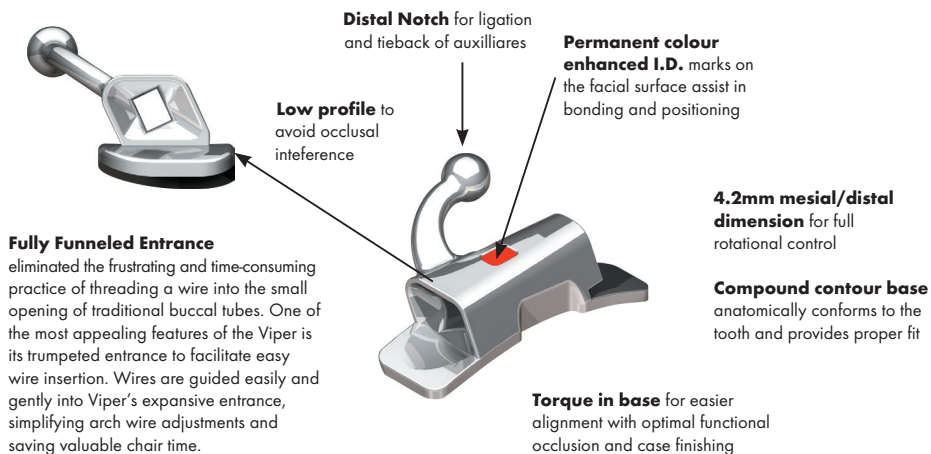




VIPER™ SINGLE LOW PROFILE BUCCAL TUBES

An elegant well made single tube with special funnel entrance for easy wire insertion.

Rounded surfaces for exceptional patient comfort



One product offers you three great options... *three powerful designs to facilitate all treatment methods*



Weldable



Bondable extended pad



Viper™ Low Profile Mini 2nd molar Tube

Specially designed for partially erupted 2nd molars

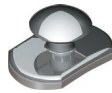


4. ATTACHMENTS

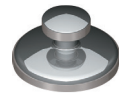
LINGUAL BUTTONS WITH LOW PROFILE HEAD FOR MAXIMAL PATIENT COMFORT

For bonding or welding, flat or curved base, also as round micro button.

Available as:
Nickel free button
Ceramic button



Weldable



Bondable extended pad

LINGUAL SHEATHS

Available with or without mesial/distal hooks or with mesial indent.



LINGUAL CLEATS

Available for bonding and welding. Ideal for criss-cross elastics.



EYELET

Low profile, but easy access model.



ERUPTION APPLIANCES

Round or rectangular bases for ideal attachment to ectopic canine.



Guided (5 pc)

SURGICAL BALL HOOKS

Avoid complicated operation wires by using these ball hooks.



CRIMPABLE STOPS

Maintain wire positioning or limit tooth movement



5. ADHESIVES

Performa adhesives feature superior bonding characteristics ideal for metal, ceramic, plastic / composite appliances.

PERFORMA LIGHT ACTIVATED ORTHODONTIC ADHESIVE

Formulated for very little bracket flow and easy clean up around the brackets after bonding.

Available as:



1. Full kit - Kit of 5 syringe



2. Starter kit - Kit of 1 syringe

PERFORMA SELF CURED KIT

Components:

- 1x Self-Cure Primer 16 ml
- 5x Self-Cure Syringe 3,5g
- 1x Etch Solution 2,5 ml
- 10x Microbrushes
- 2x Mixing Pads



GLASS IONOMER BAND CEMENT KIT

Components:

- 1x Powder 35g
- 1x Liquid 15 ml
- 1x Measure Spoon
- Mixing Pads





RELIANCE FLOW TAIN

Flowable light cured composite with low viscosity which makes it ideal for retainers and splints.

1.5g Syringe



RELIANCE CONDITIONER

Increase the efficiency of bonding by using one of the **conditioners**

- **Porcelain enhancer**
- **Metal enhancer**
- **Plastic/composite enhancer**

Applied prior to bonding for stronger bonds.

(10 cc bottle)



RELIANCE ETCHANT GEL

Phosphoric acid gel is a medium viscosity etchant gel used for etching enamel prior to bonding procedures. Etchant Gel is thixotropic, stays where placed and will not run. Does not dry out and has a long shelf life when properly stored. Washes off clean.

(23 g bottle)



MICROBRUSHES

Microbrushes can be used for: Etchants, Bonding Agents, Cavity Liners, Fluoride Varnishes, Acetone plus many more day to day situations.

(4 tubes of 100 applicators)





CHEEK RETRACTORS

DOUBLE – SIDE RETRACTORS

These flexible, comfortable retractors provide broad visibility and access for bonding. Autoclavable.



CHEEK RETRACTORS

Plastic lip retractors are ideal for use in taking photographs, or for difficult posterior bonding cases.



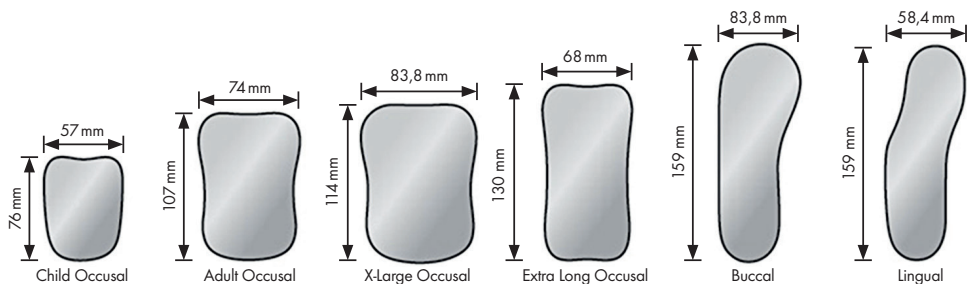
LIP RETRACTORS – SMART RETRACTORS

Designed to eliminate the need for photographic mirrors and cheek retractors when taking occlusal photos, the Smart Retractor is inserted between the lip and teeth. It is raised for maxillary images and lowered for mandibular ones. Available in three sizes— small, medium, and large.



All three sizes come in a pack.

MIRRORS



MIRROR HOLDER

The universal mirror handle is designed to work with most intraoral mirrors. You can position the mirror inline with the handle or the mirror can be angled. There is approximately 35° of rotation to allow comfortable positioning for buccal and occlusal views.





6. WIRES

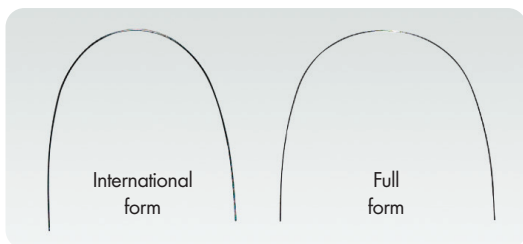
FAIRFIELD ORTHODONTICS (Wires made in USA)

ARCHES

All arch shapes are available in following sizes:

ROUND	RECTANGULAR
0.012"	0.016" x 0.016"
0.014"	0.016" x 0.022"
0.016"	0.017" x 0.025"
0.018"	0.018" x 0.025"

Arches are available in two shapes:



MIDLINE MARKING



To accommodate every preference and clinical situation our wires are available in following materials:

NICKEL TITANIUM

High quality, super-elastic wire, with shape memory and highly polished to reduce surface friction. Ideal for initial levelling. The combination of low forces and minimum friction offers the opportunity of moving teeth with a reasonably constant force over long distance. Less wire changes necessary.

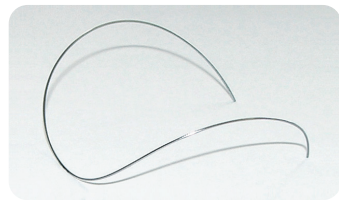
THERMAL NITI

A special version of our NiTi wires, with high super-elasticity and excellent shape memory. With transition temperature set at normal mouth temperature, these wires apply gentle intermittent forces. Rapid tooth movement under physiological conditions.



REVERSE CURVE OF SPEE

Shorter “curves” than any other on the market, and therefore still effective when shortened for patient comfort. Available in standard sizes in full form with/without the dimple.



STRAIGHT LEGS INTRUSION SPEE CURVE

Best wire for incisor intrusion without causing molar or premolar eruptions (avoid brackets on canines).

Biomechanically correct and technically simple!



STAINLESS STEEL

Our equivalent of TMA wire (nickel-free) available in full form in all different sizes. Bend it anyway you want! Excellent for offsets, loops or cantilevers offering constant force over a long distance. TMA wire is also available in straight lengths.

STAINLESS STEEL STRAIGHT LENGTHS

The ideal solution for those who prefer to bend arches or other auxiliaries themselves. High quality stainless steel lengths available in all usual sizes.



AUSTRALIAN WIRE

An „old favorite“, offering high resilience, perfect for loop arches.

Available in „regular“
quality and in dimensions:

0.012”

0.014”

0.016”

0.018”

0.020”





TI-BEND

Our equivalent of TMA wire (nickel-free) available in full form in all different sizes. Bend it anyway you want! Excellent for offsets, loops or cantilevers offering constant force over a long distance. TMA wire is also available in straight lengths.



Ti-BEND T-LOOPED RETRACTION SYSTEM

This well tried system of space closure is based on TMA type of wire which after suitable levelling can easily be placed as necessary

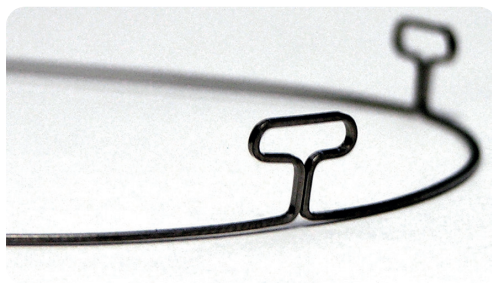
Available in three sizes:

0.016" x 0.022"

0.017" x 0.025"

0.019" x 0.025"

With loop spacing
(measured along the wire, between loops)
from 24mm to 46mm with 2mm intervals.
Simple activation – pull through the tubes in
the molars and bend up. Good biomechanical
properties in a simple form.



ARCHWIRE MARKERS AND MARKER'S ORGANIZER

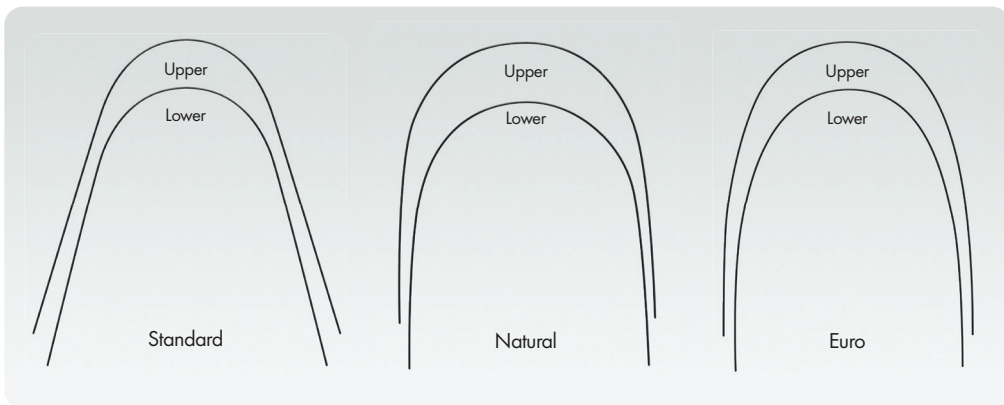
The perfect answer for those who wish to avoid cross-infection by using individual archwire markers. Organize your work and use the smart pop-up dispenser boxes for 100 markers.





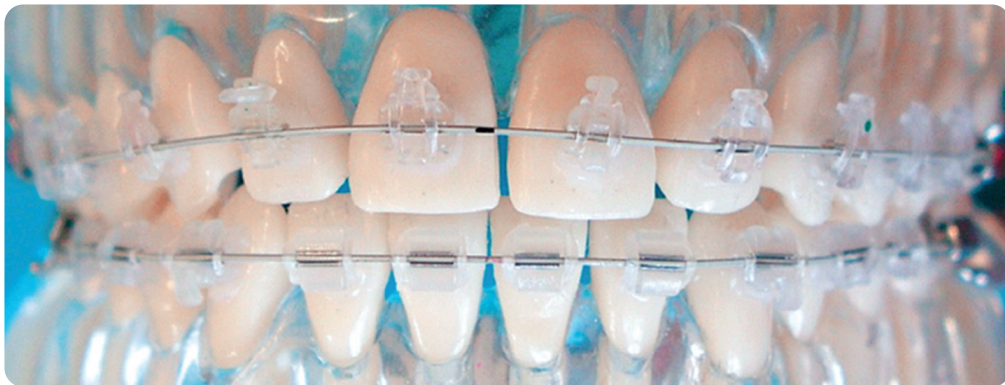
DENTALLINE (Wires made in Germany)

ROUND	RECTANGULAR
0.012"	0.016" x 0.016"
0.014"	0.016" x 0.022"
0.016"	0.017" x 0.025"
0.018"	0.018" x 0.025"



NiTi SUPER-ELASTIC AND STAINLESS STEEL WHITE COLOUR WIRE

The latest development offering a chance of super aesthetic fixed appliance system. Available as round and rectangular in all usual sizes. White colour wires also available in stainless steel.





TMA WIRE

Wire from TMA. High elasticity can be optimally shaped, compensatory bends can be ideally realized. Provides an excellent form of stability. Available as arches and straight lengths.



AUSTRALIAN WIRE

Available as spools and straight lengths.

Choose the grade that best meets your clinical needs:
(from stiff to stiffest)

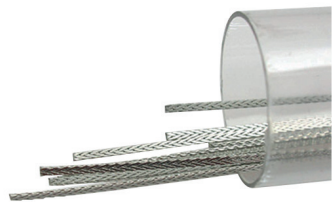
- REGULAR: Easiest to bend
- REGULAR+: Increased tensile strength, bends easily
- SPECIAL: Higher force with minimal breakage
- SPECIAL+: Requires caution when bending to avoid fracture
- PREMIUM: More difficult to bend – occasional breakage to be expected
- PREMIUM+: Extremely resilient, not suitable for sharp bends



LINGUAL RETAINER WIRE

Our lingual wire retains the teeth in position at the end of orthodontic treatment. Contours easily to the lingual surface of the tooth. Wire is compatible with all types of adhesive and cuts easily without fraying.

(6 and 8 strand)

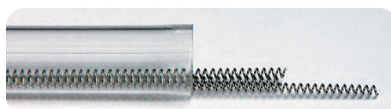


7. WIRE PRODUCTS

NICKEL TITANIUM

NiTi OPEN/CLOSED SPRINGS

OPEN	CLOSED
0.010" x 0.030"	6 mm
0.012" x 0.030"	9 mm
0.014" x 0.030"	12 mm
As 7" lengths (3pc) or 15" spool	(10 pc)



Open



Closed

DISTALIZING SPRINGS

OPEN
0.010" x 0.036"
0.010" x 0.045"
As 7" lengths (3 pc) or 15" spool



FLEX DEVELOPER

Universal, non-breakable jumping device, easy to adapt and highly efficient even in non-cooperative patients. Flex developers also available as starter kits.



Starter Kit



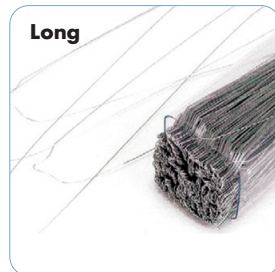
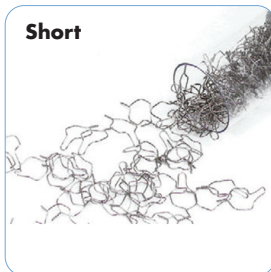
Kit



STAINLESS STEEL

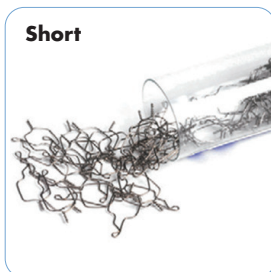
LIGATURE TIES

Short	Long
0.010"	0.010"
	0.012"
	0.014"
(500 pc)	(1 000 pc)
Also available in tooth colour	



KOBAYASHI TIES

Short	Long
0.012"	0.010"
0.014"	0.012"
	0.014"
(500 pc)	(100 pc)



OPEN/CLOSED COIL SPRINGS

OPEN	CLOSED
0.010" x 0.030"	0.010" x 0.030"
	0.010" x 0.036"
40" spool (3 pc)	



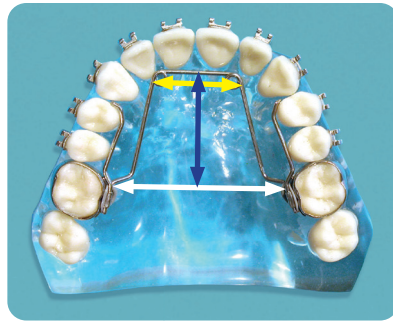


OTHERS

BI-HELIX

The Bi-helix arch is made of 0,9 mm stainless steel (feder-hart). The arch is available in different sizes: small, medium, large and extra large and can be fitted in about 3 minutes. The helices should not touch the soft tissue or teeth.

Inter helix (Yellow, mm)	Molar width (White, mm)	Arch length (Blue, mm)	
14.0	26.0	18.0	XS
16.0	28.0	20.0	S
18.0	30.0	22.0	M
20.0	32.0	24.0	L
22.0	34.0	26.0	XL



PALATAL ARCH BAR

Design incorporating a mid-palatal loop, provides control of upper first molars that require stabilization, rotation, torquing, or expansion.



SOLDER-FLUX

Perfectly premixed ratio of silver solder and flux. Ready to use straight out of the package.





8. ELASTOMERICS

Brilliant rainbow of colorful chains, and ligature ties.

Latex-free elastic chain and ligatures are designed with similar materials and properties, offering high flexibility and memory and are developed to resist breakage or tearing.

CHAIN ELASTOMERIC

Latex-free chains available in three styles of spacing:



Long



Short



Continuous

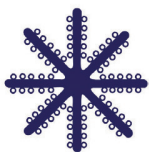


LIGATURE TIES

Latex-free ligature ties are designed to maximize office efficiency while promoting patient compliance.



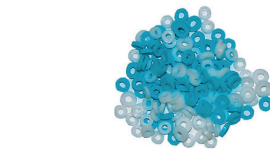
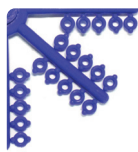
ELASTIC-O-LOOP SEPARATORS



radio-opaque



knobbed



radio-opaque loose /blue or white/
small (0.040") or large (0.045")



ELASTIC TRACTION

LATEX
Latex 2,5oz LIGHT - 1/8, 3/16, 1/4, 5/16, 3/8
Latex 4,5oz MEDIUM - 1/8, 3/16, 1/4, 5/16, 3/8
Latex 6,5oz HEAVY - 1/8, 3/16, 1/4, 5/16, 3/8
LATEX FREE
2,5oz LIGHT - 1/8, 3/16, 1/4, 5/16, 3/8
4,5oz MEDIUM - 1/8, 3/16, 1/4, 5/16, 3/8
6,5oz HEAVY - 1/8, 3/16, 1/4, 5/16, 3/8
NEON
2,5oz LIGHT - 1/8, 3/16, 1/4, 5/16, 3/8
4,5oz MEDIUM - 1/8, 3/16, 1/4, 5/16, 3/8
6,5oz HEAVY - 1/8, 3/16, 1/4, 5/16, 3/8
1/8" (3.2 mm), 3/16" (4.8 mm), 1/4" (6.4 mm), 5/16" (7.9 mm), 3/8" (9.4 mm)



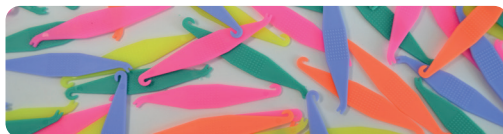
ROTATION WEDGES

Preformed tabs quickly snap over bracket tie wings for rotating individual teeth.



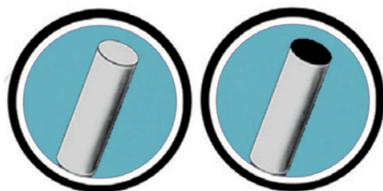
ELASTIC DIRECTORS

Elastic Directors make placing and removing elastics easy for patients.



ELASTIC THREAD (solid) AND TUBE (hollow) SPOOLS

clear
0.025" - 0.64 mm
0.030" - 0.75 mm



LIP BUMPER SLEEVE

Slides over wire to reduce irritation and maintains space where desired. Ideal for extraction site maintenance.



9. EXTRAS

COMFORT COVER

Comfort Cover™ is a specially designed flexible plastic lip bumper shield that snaps securely into place on your orthodontic brackets, and totally covers your braces from end to end. It provides hours and hours of pain relief caused by irritation from orthodontic brackets and wires.



LIP PROTECTOR

Soft, clear plastic lip protectors fit easily over brackets, wires, and buccal tubes. These patient friendly lip protectors help guard against soft tissue discomfort for patients who are active in sports or play musical instruments. One size fits all. Trimmable for accurate fit. Compatible with all bracket types.



(2 pc/pk – 1 upper and 1 lower protector)

CLEAR FLAVOURED WAX

Economy pack

Available in three flavours:

Mint
Bubble gum
No flavor

(100 pc/pk)





IMPRESSION TRAYS – STAINLESS STEEL

The ideal impression trays for orthodontic impressions. Deep form and perfect retention offered by the perforations. Experience shows these are the best trays for orthodontic impressions.

Available in 6 sizes.



IMPRESSION TRAYS – DISPOSABLE

Made of advanced medical grade polystyrene, which is designed to be disposable and will not bend or flex. Provides sharp detail all the time. Can be easily customized with hot water. Sturdy ergonomic handles for comfortable control.



PEDO



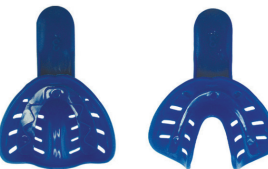
MEDIUM



EXTRA SMALL



LARGE



SMALL



EXTRA LARGE



BOWLS AND SPATULAS

Bring colour and fun to impression taking

Perfectly shaped flexible bowl with well contoured spatula.

It can't be better!



SPRING TOOTH BRUSHES

- Handle – Back and front grip holds up even when wet
- Spring Shaft – Rubber infused between the bends of plastic creates ideal flex
- Neck / Head – Slight Pivot action works well with braces
- Bristles – Matching color, Dupont soft nylon bristles



MODEL BOX

Perfect for storing your models!

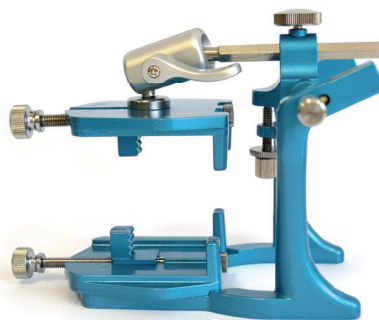
Store your models in these sturdy stable boxes. Made of heavy duty card board these boxes can be stacked.



PLASTERLESS ARTICULATOR

Every office should have at least one of these! The articulator is ideal for mounting open bite cases or functional problem cases, as well as for laboratory set-ups!

*Ideal for demonstrating treatments for patients!
Easily adjustable and very stable in use!*





RETENTION BOXES

SLIMLINE

The perfect box for simple retention appliances, offers good protection and fits in every pocket. Ideal for splint aligners.



CLASSIC

Good model, large enough to accommodate all types of retention appliances and activators, available in several colours, also assorted.



MAXILLARY PROTRACTION MASKS

MULTI-ADJUSTABLE FACEMASK

- **Ergonomic forehead rest.**
- **Horizontal crossbar.**
- **Ergonomic chin cup with full range of motion option.**

Multi-adjustable for precise angle of force delivery. Multiple elastic stops eliminate slippage.

The set screw gives the option for a fixed position, or for a full range of motion. Glides smoothly along the mainframe without side-to-side rotation. Allows the patient to open and close the mouth comfortably with a full range of motion.

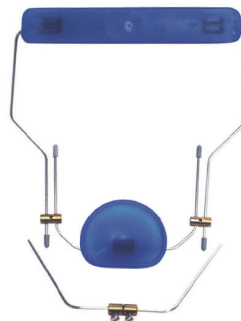


Large variety of patterns and colours!

REVERSE PULL FACEMASK

This reverse pull facemask offers maximum stability and comfort. Featuring leather padding in the forehead and chin rests.

- Ideal for treatment of maxillary insufficiency.
- Adjustable screws facilitate quick vertical and horizontal fit.
- Stainless steel / plastic construction.
- Includes hexagonal key for adjusting



10. INFORMATION AND EDUCATION PRODUCTS

TYPODONT WITH FIXED TEETH

An economic, well-made typodont, with fixed teeth. Can be mounted with the prescription of your choice.

Also available to demonstrate various malocclusions.

Call to discuss the possibilities and to receive an offer!



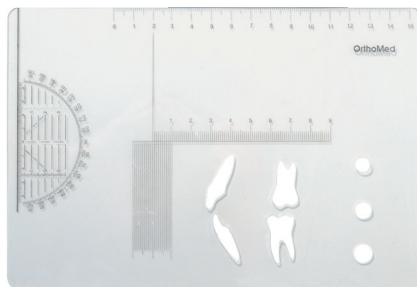
CEPHALOMETRIC TRACING FILM

8" x 10" tracing acetate with a 0.003" matte finish and tissue interleaf.



WILLIMETER

Developed by Dr.S.Williams. Special cephalometric measuring device featuring the quick Wits analysis and angle protractor and tooth template.



HYGIENE FLIERS

These few pictures are better than a thousand words.

This flier of our design, describes all the important facts regarding oral hygiene in orthodontic therapy. Explains the facts and underlines the importance of dental care.

**Available in Slovak, Czech,
German and English.**



PATIENT REGISTRATION/TREATMENT CARD

All information stored on this double folding A4 card. Developed by Dr. S. Williams to include all relevant data in one document.

Ideal for your clinic!

Individualization possible for order over 100 cards.

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PRŮBĚH: _____																																																	



11. DENTAL KNIVES AND SPATULAS

Introducing the whole scale of knives and spatulas manufactured by **GRANTON, UK**.
Made of first class stainless steel with plastic coloured handles.

PLASTER KNIVES	No.
2 1/2" / 6 cm	49000
3" / 7,5 cm	49010
3" / 7,5 cm with prosthetic flask opener	49020



49000



49010

WAX KNIVES	No.
big, bent	49100
small, bent	49110
big, dished, polished	49120
small, dished, polished	49130



49120



49130

LABORATORY KNIVES	No.
Clip Point, 4,5 cm	49400
Sheep Foot	49410



49400



49410



49200

PLASTER MIXERS	No.
wide, curved 11 cm	49200
wide, straight 11 cm	49210
medium, curved 10 cm	49220
medium, straight 10 cm	49230
narrow, curved 11 cm	49240
narrow, straight 11 cm	49250



49210



49230



49230

PALETTE KNIVES (flexible)	No.
9 cm	49320
7,5 cm	49309
10 cm	49310
15 cm	49311
10 cm	49284
15 cm	49286
17,5 cm	49287



49309



49310



49311



49284



49287

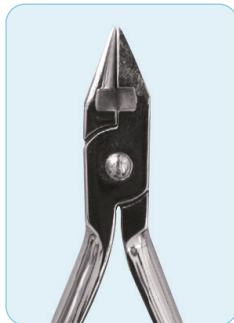


12. PLIERS

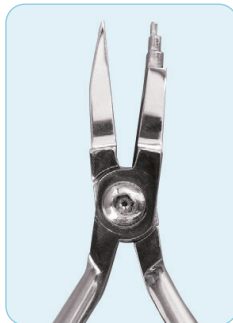
LOOP FORMING AND BENDING PLIERS



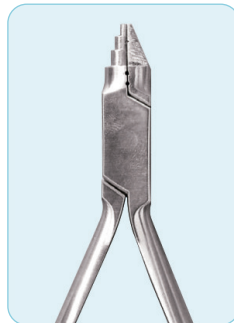
Angle Bird Beak Plier
NK-101
For round wires up to 0.030".



**Angle Bird Beak Plier
WITH CUTTER**
NK-101A
Also cuts the wire!
up to 0.030".



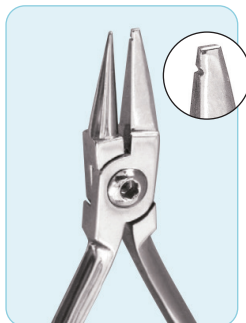
**Tweed Loop Forming Plier
(1piece)**
NK-102
Fixed one piece tip with three
forming sections for making
Omega loops.up to 0.030".



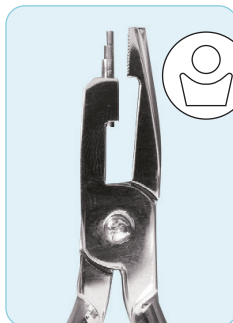
Young plier
NK-102A
Perfect plier for bending
rectangular wire. Forms loops,
helices and sharp angles.



Light wire plier
NK-103
Longer beaks, excellent for
bending small diameter loops.
For wire up to 0.016".



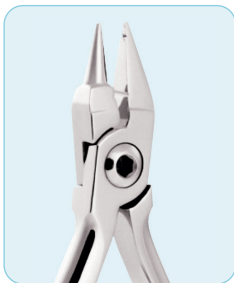
**Light wire plier
with groove**
NK-104
Added precise 0.010" groove
on the pyramid beak helps to
repeat perfect loop diameters
quickly and easily.



**Loop forming plier
Tweed style**
NK-105
For making loops in round or
rectangular wire up to
0.022"x0.028".
The concave beak has slight
parallel serrations to keep the
wire at the right angle while
forming the loop.



**Omega Loop forming plier
Tweed style**
NK-106
Rounded concave beak
for making more uniform
Omega loops.



Super Looper
NK-107

For round and rectangular wire up to 0.020". Two grooves at the tip help in bending identical vertical loops. A utility groove at the back for closing loops.



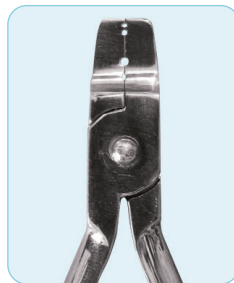
**Loop Closing Plier,
Nance Style**
NK-108

Four section tip for forming various size loops in rectangular and round wire up to 0.028".



**Rectangular/Ribbon
Arch Plier**
NK-109

Forming plier for square and rectangular wire up to 0.022"x 0.028".



Lingual Arch Plier
NK-110

To form double and triple back bends in either 0.030" or 0.036" wire for inserting lingual sheaths. Ideal for TPA.



**Arch Forming and
Contouring
Plier with Grooves**
NK-111

With three grooves for wires 0.016", 0.018" and 0.022".



**Arch Forming and
Contouring
Plier Without Grooves**
NK-112



Three Jaw Aderer Plier
NK-113

Precision aligned tips ensure consistent bends.



**Hollow Chop Arch
Forming Plier**
NK-114

Ideal for forming and contouring archwires, in particular NiTi wires up to 0.030".



Adams Plier
NK-115

Square beaks, parallel at 1mm opening. Easily bends and forms wires up to 0.050".



Adams Plier
NK-116

The classic plier with tungsten carbide coating. Easily bends and forms wires up to 0.050".



Classic Universal Plier
NK-118BJ

Universal heavy duty bending and cutting plier.



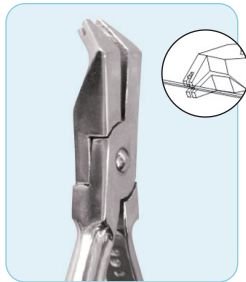
"V" Bend Stop Plier
NK-121

Special design for making 1mm "V" bends to shorten archwire or provide a positive stop. Ideal for NiTi round and rectangular wires up to 0.019"x0.025".



Band Crimping Plier
NK-122

Contours gingival surface of preformed bands to better fit tooth anatomy.



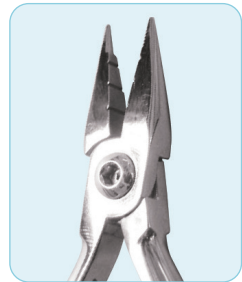
Hook Crimping Plier Angled
NK-123

For placement and securing of crimpable archwire hooks and power hooks.



Hook Crimping Plier Straight
NK-124

For placement and securing of crimpable archwire hooks and power hooks.



Jarabak Plier
NK-129

Excellent for precise bending of light wires. Three sets of precision grooves assure accurate bending and closing loops. Wires up to 0.020".



Torqueing Plier

NK-134 wide, NK-134N narrow

Designed to place a torque in a specific section of the archwire (single tooth) without distortion in the remainder of the wire.

The key (0.016" & 0.018" or 0.018" & 0.022") is designed to torque the section between holding beaks.



Cinch Back Plier

NK-136

For forming and cinching round an rectangular wire up to 0.028".



Round and Concave Oculist Plier
NK-138

Round and concave beaks bend round or rectangular wire up to 0.020".

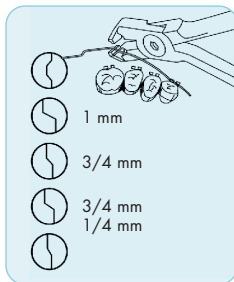


NiTi Distal bend plier

FFD-006



Detailing step plier
NK-125



Detailing Step Plier Straight

NK-125 for 1 mm, NK-126 for 1/2 mm, NK-127 for 3/4 mm, NK-128 for 1/4 mm

Double sided offset beak for bayonet bends. Produced right or left step-up or step down in 1/2 mm, 1/4 mm, 3/4 mm or 1 mm increments.



UTILITY PLIERS



How Plier

NK-151, NK-152

Different size of gripping pads to hold the wire securely.
NK-151 2.4mm pad
NK-152 3.2mm pad



How Plier Curved

NK-153

45 deg offset angle
Pad = 2.4mm



Weingart Plier

NK-154

Holds wire firmly at convenient angle. Rounded beaks.

DIRECT BONDING BRACKET AND BANDS REMOVERS



Bracket Removing Plier

NK-201

Useful for ceramic and stainless steel brackets. Completely lip safe.



Bracket Removing Plier with Pad

NK-202

For quick and comfortable removal of direct bond brackets. Will also remove adhesive from tooth.



Posterior Band Removing Plier with Pad

NK-203

A plastic padded tip and a sharp beak allow easy band removal using slight pressure.



Band Seating Plier

NK-205

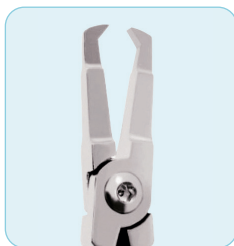
The plier grips the bracket wing securely while seating the band. It fits between the small twin squares, allowing maximum gripping and preventing slippage.



Bracket Removing Plier Angled

NK-206

60 deg angle allows access to anterior and posterior brackets.



Direct Bond Removing Plier Straight

NK-207



Adhesive Removing Plier Long

NK-208



Adhesive Removing Plier Short

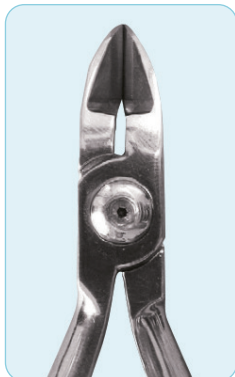
NK-209



WIRE AND LIGATURE CUTTERS *

* all cutters have diamond honed cutting edges

CUTTERS



**Pin and Ligature Cutter
Straight**
NK-214

For easy and efficient cutting of pins and ligatures, soft wire up to 0.015" (maximum cutting capacity).



**Pin and Ligature
Cutter 15deg**
NK-218

Effective for cutting of pins, ligatures, soft wire and elastics up to 0.015" (maximum cutting capacity).



**Mini Pin and Ligature
Cutter**
NK-215

For cutting pins and ligatures, soft wire up to 0.015" (maximum cutting capacity).



**Mini Pin and Ligature
Cutter 7deg**
NK-217

Maximum capacity soft wire up to 0.015".



Hard Wire Cutter Straight
NK-216

With tungsten carbide inserts to provide extra hardness required for cutting all sizes and types of archwire. Cuts rectangular wire up to 0.022"x 0.028" and round up to 0.020".



Hard Wire Cutter 15 deg
NK-219

With tungsten carbide inserts to provide extra hardness required for cutting all sizes and types of archwire. Cuts rectangular wire up to 0.022"x 0.028" and round up to 0.020".



**Heavy Duty Hard
Wire Cutter**
E-529

Up to 1.5 mm.



Ligature Cutter Standard
603-101

Ligature cutter, 15 degree.



DISTAL END CUTTERS



Distal End Cutter

NK-211

Cuts hard wire and braided wire and then safely holds the loose distal ends of the wire. Maximum cutting capacity rectangular wire up to 0.022"x0.028" and round wire 0.020".



Mini Distal End Cutter

NK-212

Nice, small and handy.



**Mini Distal End Cutter
with Long Handle**

NK-220



13. INSTRUMENTS

MOSQUITOS AND NEEDLE HOLDERS



Ligature Tying Plier
303



Force Modular Separator
304



**Mathieu Needle Holder,
Narrow**
NK-305 NTC



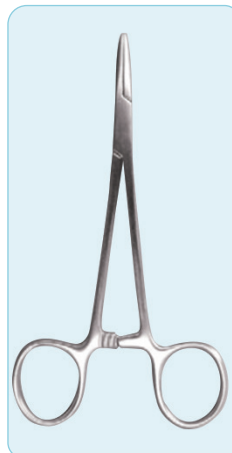
**Mathieu Needle Holder,
Mini**
NK-305 MTC



**Mathieu Needle Holder,
Wide**
NK-306



**Smaha Ultra Fine Tip
Mathieu Needle Holder**
NK-307-M



Mosquito Straight
307



Mosquito Curved
308



TWEEZERS



Direct Bond Bracket Holder, Straight
NK-301



Direct Bond Bracket Holder, Curved
NK-302



Bracket Placer, Tweezer
NK-321



Buccal Tube Holder/ Easy Access Tweezer
NK-332



Keats Reverse Action Tweezer
NK-332A



Direct Bond Brackets with Slot
NK-339



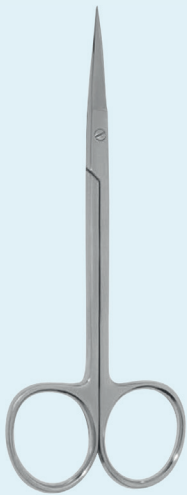
Tweezer
NK-340



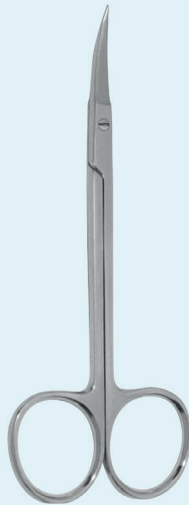
Tweezer
NK-342



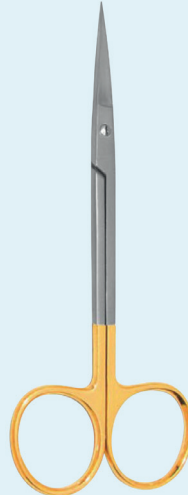
SURGICAL SCISSORS



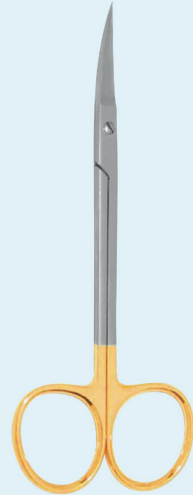
Iris Scissors – Straight
N-1167
11.5 cm



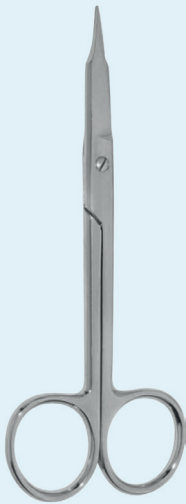
Iris Scissors – Curved
N-1168
11.5 cm



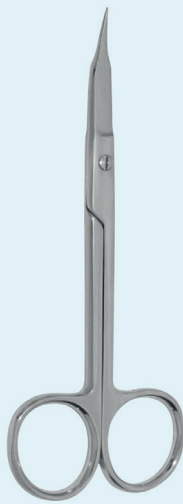
Iris Scissors – Straight
N-1169
TC 11.5 cm



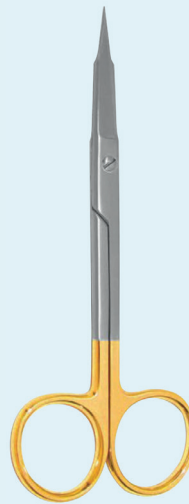
Iris Scissors – Curved
N-1170
TC 11.5 cm



**Goldman Fox
Scissors – Straight**
N-1171
13 cm



**Goldman Fox
Scissors – Curved**
N-1172
13 cm



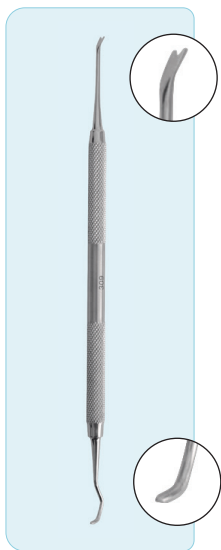
**Goldman Fox
Scissors – Straight**
N-1173
TC 13 cm



**Goldman Fox
Scissors – Curved**
N-1174
TC 13 cm



DIRECTORS SCALERS AND REMOVERS



Ligature Remove Director

EG-309 normal,
NK-309 slim



Ligature Remove Director

EG-310 normal,
NK-310 slim



Ligature Director, scaler

EG-311 normal,
NK-311 slim



Ligature Director

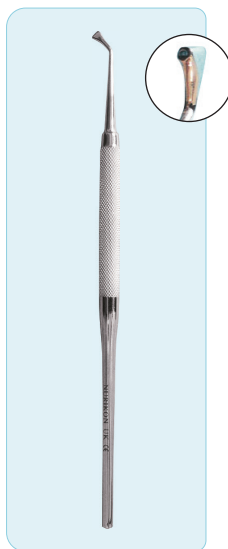
NK-312



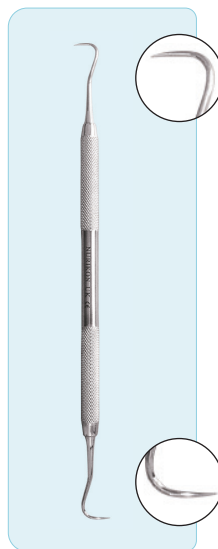
Band Pusher, Scaler
ENK-313



Schure Band Seater
NK-314



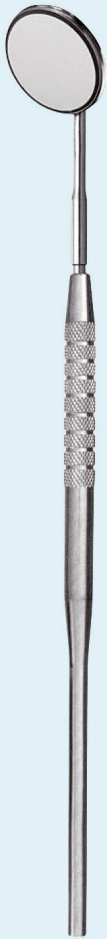
Distal Bender
NK-315



Elastic Remover
NK-316



OTHER INSTRUMENTS



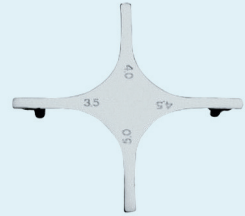
Mirror
NK-320



Cement spatula
NK-318 large
NK-319 small



Bracket Height Gauge
NK-333



Bone Bracket Position Gauge
NK-334



Band Pusher
NK-335 small,
NK-336 large



Cold and High Heat Sterilizable Bite Stick

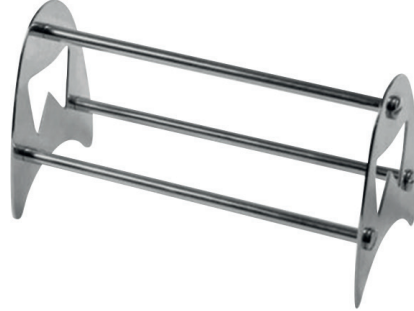
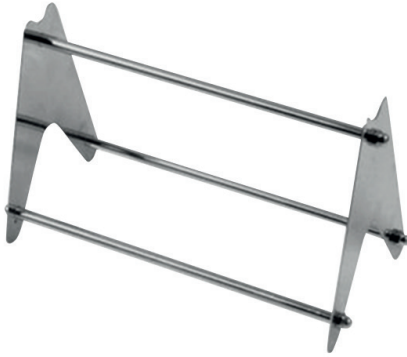


14. RACKS

METAL PLIER RACKS

Excellent plier racks for your practice.

Available in two sizes 19.5x11x9cm and 17.1x11x9cm.



PLIER RACKS

Round Instrument Holder

This durable, clear 4" cylinder easily holds up to 15 pliers, while an inner 1 1/4" cylinder stores narrow instruments such as scalers, explorers, and band seaters.





WARRANTY INFORMATION

Interorto warrants that this instrument will be free from defects in materials and workmanship for five years from the date of purchase, provided recommended sterilization methods are strictly followed and the instrument is used under controlled conditions. Misuse, abuse or failure to properly maintain or care for the instrument will void warranty claims. The sole remedy for defective instrument shall be repair or replacement at Interorto's option. Warranty claims should be sent with the instrument (shipment prepaid) to Interorto. Warranty does not cover routine maintenance, sharpening or reconditioning.

STERILIZATION

Many types of pliers may be subject to corrosion if left in the presence of germicide sterilizing solutions. It is for this reason that we recommend dry heat sterilization. Heat sterilized instruments should be dried while hot, so as to prevent corrosion.

Please refer to the instructions below, for Autoclave, Dry Heat and Cold Sterilization cycles.

AUTCLAVE AND DRY HEAT

1. Pre-clean the instruments using an ultrasonic solution with neutral pH and containing rust inhibitors. The use of distilled / de-ionised water will provide further protection against rust and discoloration.
2. Dry joints thoroughly with hair dryer or similar device, ensuring joint is free from moisture.
3. Place the instruments flat on autoclave with jaws open.
4. Operate sterilization cycle at 132 °C (275 F) for 3 minutes. This is the typical cycle parameter for steam autoclave. Refer to the instructions of the brand and Model No. being used.
5. Lubricate joints after sterilization cycle.

COLD STERILIZATION: 2% GLUTARALDEHYDE

1. After ultrasonic cleaning and drying the instruments, immerse the instruments in solution. The sterilisation requires minimum 10 hour immersion.
2. Remove the instruments from the solution. Rinse in sterile water. Dry joints thoroughly with hair dryer or similar device, ensuring joint is free from moisture.
3. Lubricate joints after sterilization cycle.



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