



Welcome to our International Catalogue



WINNER OF
THE QUEEN'S AWARDS FOR ENTERPRISE
INTERNATIONAL TRADE 2013

DB Orthodontics has come a long way since we began exporting in 2004. In those 13 years we have built up a strong network of distributors, serving customers across 6 continents, to thoroughly establish DB Orthodontics in the International Market. During this time we have been awarded the UK's most prestigious business award in recognition of outstanding achievement; The Queen's Awards For Enterprise for International Trade. It is with great pride that in January 2017 we opened an American office in San Diego, to enable us to distribute our products to Orthodontists across the United States and Canada.



Customers visiting our booth at the International Orthodontic Congress 2015.

Through our Research and Development Office, we are constantly improving existing products and striving to produce new innovative ranges. Working closely in conjunction with leading Orthodontic Specialists and Consultants, enables us to remain at the forefront of product development.

In this most recent edition of the catalogue we are pleased to be able to introduce you to our new Evolve Flow buccal tubes, which is already established within the UK as one of our best-selling products. We can now also offer a wider choice of shades in the Colour Boutique Elastomeric range. Our ever popular Ixion instrument range has also seen many new additions, including a popular new Utility Weingart (page 77) and our new Intra-Oral detailing pliers (page 103). The new, unique, Safe Cinch product is already reducing clinicians' chairtime and increasing patient comfort (page 82), plus there's many more new laboratory products towards the rear of the catalogue.

We are proud that the DB Orthodontics' brand represents high quality, state of the art products, excellent customer service and value for money, for both our domestic and international customers.

We would like to thank all of our customers for their support and we look forward to working together for many more years to come.

David, Christian & Victoria

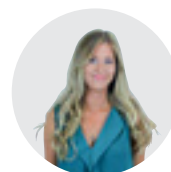
Meet the International team



James Lee,
International Sales Manager
North and South America



Simon Green,
International Sales Manager
Africa, Asia, Middle East, Oceania



Rebecca Bailey,
International Sales Manager
Europe



Karen Whiteoak,
Export Customer Services



Justine Bairstow,
Export Customer Services



Georgia Bradford-Thornton,
Export Customer Services

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Permanent Ideal Occlusion
DB04-2008



Other malocclusions available
on request



Consultation Model with
Evolve™ Stainless Steel Brackets
DB04-2022

Consultation Model with ½
Standard and ½ Mini Evolve™
Stainless Steel Brackets

DB04-2027

Consultation Model with Evolve™
Mini Stainless Steel Brackets

DB04-2026



Image shows UL & LL with
mini Evolve and UR & LR with
standard Evolve.



Consultation Model
with Mode Brackets
DB04-2031



Image shows UL & LL with
mini Spa and UR & LR with
standard Spa.



Consultation Model with
Spa™ Brackets
DB04-2024

Consultation Model with
½ Standard and ½ Mini
Spa™ Brackets
DB04-2028

Consultation Model with
Spa™ Mini Brackets
DB04-2029



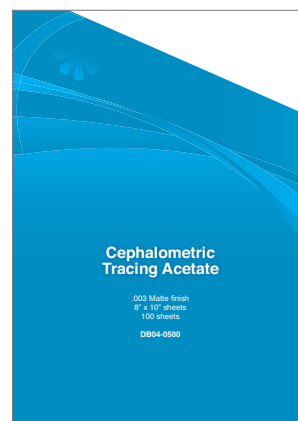
Consultation Model with
Hydra™ Brackets
DB04-2030



Cephalometric Tracing Acetate

8" x 10" sheets. Sold in packs of 100.

DB04-0500



Cephalometric Tracing Template

Sold as each.

LT3612-01

Coloured Chinagraph Pencils

Sold as each.

Black	DB04-0510
Red	DB04-0512
White	DB04-0514
Yellow	DB04-0515



Looking for a solution to reduce emergency appointments?

Introducing the Ixion Safe Cinch



Problem 1: Wire Poke

The wires slide out distally through the molar tubes or brackets as teeth align or wire slides round. This is specially a problem with SLBs and Lingual technique.



Problem 2: Long Unsupported Span

The fine, flexible wires drop out of molar tubes and may be too light to be held by conventional cinching.



Problem 3: Loose Tube

Bonded molar tubes that debond can easily come off the back of the wire even when conventionally cinched, causing safety concerns.



Solution: Safe Cinch

The Ixion Safe Cinch is a simple solution to prevent any of these problems from occurring.

Airo strips













An innovative interproximal reduction system that makes interproximal enamel removal safer and more accurate without creating sharp corners or subgingival ledges.

Designed for use with all orthodontic treatments, these strips curve and flex along the natural contours of the teeth to avoid cutting lips and gums, to prevent excessive enamel removal, and to maximise patient comfort.

- Stainless steel strips with high quality diamond powder
- Medical grade plastic casing
- Single-handed, ergonomic design reduces hand fatigue
- Effective for anterior teeth and easy access to posterior areas
- User and patient friendly
- Autoclavable up to 140°C (steam heat only)



	Yellow IPR 0.06mm Single-Sided, Extra-Fine Diamond Serrated. Sold in pack of 8.	DB05-0900
	Red IPR 0.12mm Double-Sided Medium Diamond. Sold in pack of 8.	DB05-0901
	Dark Blue IPR 0.15mm Double-Sided Coarse Diamond. Sold in pack of 8.	DB05-0902
	Green IPR 0.20mm Double-Sided Coarse Diamond. Sold in pack of 8.	DB05-0903
	Clear IPR 0.10mm Single-Sided Medium-Fine Diamond, Serrated. Sold in pack of 8.	DB05-0904
	Cyan IPR 0.12mm Single-Sided Medium-Coarse. Diamond. Sold in pack of 8.	DB05-0905
	Purple IPR 0.25mm Double-Sided Coarse Diamond. Sold in pack of 8.	DB05-0906
	Brown IPR 0.30mm Double-Sided Coarse Diamond. Sold in pack of 8.	DB05-0907
	Intro pack (1 of each colour). Sold in pack of 8.	DB05-0908
	Incremental Thickness Gauge (Set of 6) Stainless Steel - 0.1, 0.2, 0.25, 0.3, 0.4, 0.5mm. Sold individually.	DB05-0915

Interproximal Diamond Bur

For interproximal stripping. Friction grip. Sold in packs of 5.

Medium	DB04-1017
Super Fine	DB04-1018
Fine	DB04-1019



Stripping Discs

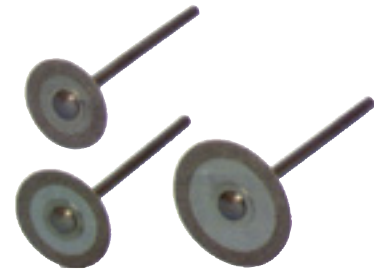
Serrated diamond discs with fine diamond grit for separating ceramics, plaster, acrylics, resin veneers. Sold as each.

Single/Double Sided	Diameter	Max. RPM	Code
Double Sided	19mm	20,000	DB04-1000
Double Sided	22mm	15,000	DB04-1001

Superflex Discs

Diamond discs with fine diamond grit for initially separating and contouring porcelain. Available single or double sided. Sold as each.

Single/Double Sided	Diameter	Max. RPM	Code
Double sided	16mm	20,000	DB04-1010
Double sided	19mm	20,000	DB04-1011
Double sided	22mm	15,000	DB04-1012
Single sided Upper	19mm	20,000	DB04-1013
Single sided Upper	22mm	15,000	DB04-1014
Single sided Lower	19mm	20,000	DB04-1015
Single sided Lower	22mm	15,000	DB04-1016



Disc Guards

For safe, efficient and effective interproximal reduction. Protects patient's lips, cheeks and gums from laceration. Easy to use: attach disc guard to adaptor (DB04-1003), slide adaptor onto slow speed straight handpiece, insert disc and close chuck latch. Set of 3.

DB04-1002

Adaptor

For use with disc guards (DB04-1002). Fits most slow speed straight handpieces. Sold as each.

DB04-1003



Interproximal Stripper Kit

For removal and recontouring of interproximal enamel. Kit comes with six 4mm double sided abrasive strips, medium grit. Replacement strips sold in packs of 12.

Enamel stripper kit	DB05-0324
Abrasive strips double sided 4mm	DB05-0324B
Abrasive strips single sided 4mm	DB05-0324S
Abrasive strips double sided 6mm	DB05-0328D
Abrasive strips single sided 6mm	DB05-0328S

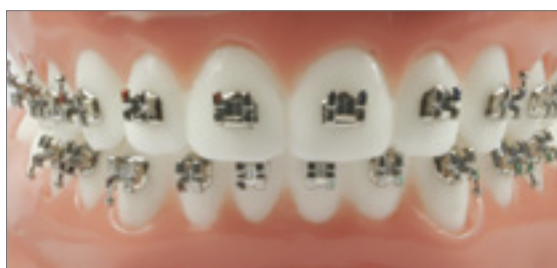


**BEST
SELLERS**

The Evolve stainless steel bracket system features a two piece bracket, metal injection moulded from advanced 17-4 low nickel alloy brazed to an 80 gauge mesh base.

The bracket slot is CNC milled and finished with an advanced polishing process resulting in a perfectly smooth slot.

Also available with gingivally offset bicuspid brackets. Available in .018 and .022 Roth* and MBT*.



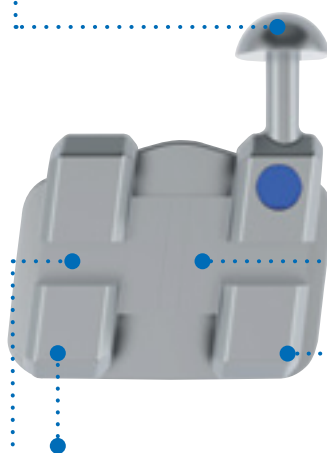
Bracket Kits	Code
Evolve MBT .022 Hks 3, 4, 5	DB16-0260
Evolve MBT .022 Hks 3	DB16-0261
Evolve MBT .022 Hks 3, 4 & 5 offset	DB16-0262
Evolve MBT .022 No Hks	DB16-0263
Evolve MBT .018 Hks 3, 4, 5	DB16-0264
Evolve MBT .018 Hks 3	DB16-0265

Bracket Kits	Code
Evolve Roth .022 Hks 3, 4, 5	DB16-0250
Evolve Roth .022 Hks 3	DB16-0251
Evolve Roth .018 Hks 3	DB16-0252
Evolve Roth .018 No Hks	DB16-0253
Evolve Roth .022 Hks 3, Offset 4 & 5	DB16-0254
Evolve Roth .018 Hks 3, 4, 5	DB16-0255

NEW & IMPROVED

Mushroom shaped hook

Secures chains and attachments and prevents slipping in between patient appointments.



Centre Scribe Line

For accurate placement in line with the axis of the tooth.

Rounded Tie Wings

For patient comfort

Bevelled Tie Wings

To reduce visibility from the front without compromising on strength.

Ultra Low Friction Slot

CNC manufactured slot and advanced polishing process creates mirror finish by removing high surface peaks at molecular level.



*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).

MBT* Prescription .022					Roth* Prescription .022			
Maxillary Arch	Torq°	Angle°	Width (mm)	Code	Torq°	Angle°	Width (mm)	Code
Right Central	17	4	4.0	DB16-0100	12	5	4.0	DB16-0040
Left Central	17	4	4.0	DB16-0101	12	5	4.0	DB16-0041
Right Lateral	10	8	3.0	DB16-0102	8	9	3.0	DB16-0042
Left Lateral	10	8	3.0	DB16-0103	8	9	3.0	DB16-0043
Right Cuspid w/ Hook	-7	9	3.5	DB16-0104	0	11	3.5	DB16-0046
Left Cuspid w/ Hook	-7	9	3.5	DB16-0105	0	11	3.5	DB16-0047
Right Cuspid	-7	9	3.5	DB16-0106	0	11	3.5	DB16-0044
Left Cuspid	-7	9	3.5	DB16-0107	0	11	3.5	DB16-0045
Right Bicuspid	-7	0	3.0	DB16-0108	-7	0	3.0	DB16-0048
Left Bicuspid	-7	0	3.0	DB16-0109	-7	0	3.0	DB16-0049
Right Bicuspid w/ Hook	-7	0	3.0	DB16-0110	-7	0	3.0	DB16-0050
Left Bicuspid w/ Hook	-7	0	3.0	DB16-0111	-7	0	3.0	DB16-0051
Right Bicuspid & Offset	-7	0	3.0	DB16-0112	-7	0	3.0	DB16-0052
Left Bicuspid & Offset	-7	0	3.0	DB16-0113	-7	0	3.0	DB16-0053
Right Bicuspid w/ Hook & Offset	-7	0	3.0	DB16-0114	-7	0	3.0	DB16-0054
Left Bicuspid w/ Hook & Offset	-7	0	3.0	DB16-0115	-7	0	3.0	DB16-0055
Mandibular Arch	Torq°	Angle°	Width (mm)	Code	Torq°	Angle°	Width (mm)	Code
Anterior Right	-6	0	2.5	DB16-0120	0	0	2.5	DB16-0056
Anterior Left	-6	0	2.5	DB16-0121	0	0	2.5	DB16-0057
Right Cuspid	-6	3	3.0	DB16-0122	-11	5	3.0	DB16-0058
Left Cuspid	-6	3	3.0	DB16-0123	-11	5	3.0	DB16-0059
Right Cuspid w/ Hook	-6	3	3.0	DB16-0124	-11	5	3.0	DB16-0060
Left Cuspid w/ Hook	-6	3	3.0	DB16-0125	-11	5	3.0	DB16-0061
Right 1st Bicuspid	-12	2	3.0	DB16-0126	-17	0	3.0	DB16-0062
Left 1st Bicuspid	-12	2	3.0	DB16-0127	-17	0	3.0	DB16-0063
Right 1st Bicuspid w/ Hook	-12	2	3.0	DB16-0130	-17	0	3.0	DB16-0064
Left 1st Bicuspid w/ Hook	-12	2	3.0	DB16-0131	-17	0	3.0	DB16-0065
Right 2nd Bicuspid	-17	2	3.0	DB16-0128	-22	0	3.0	DB16-0066
Left 2nd Bicuspid	-17	2	3.0	DB16-0129	-22	0	3.0	DB16-0067
Right 2nd Bicuspid w/ Hook	-17	2	3.0	DB16-0132	-22	0	3.0	DB16-0068
Left 2nd Bicuspid w/ Hook	-17	2	3.0	DB16-0133	-22	0	3.0	DB16-0069
Right 1st Bicuspid & Offset	-12	2	3.0	DB16-0134	-17	0	3.0	DB16-0070
Left 1st Bicuspid & Offset	-12	2	3.0	DB16-0135	-17	0	3.0	DB16-0071
Right 1st Bicuspid w/ Hook & Offset	-12	2	3.0	DB16-0138	-17	0	3.0	DB16-0072
Left 1st Bicuspid w/ Hook & Offset	-12	2	3.0	DB16-0139	-17	0	3.0	DB16-0073
Right 2nd Bicuspid & Offset	-17	2	3.0	DB16-0136	-22	0	3.0	DB16-0074
Left 2nd Bicuspid & Offset	-17	2	3.0	DB16-0137	-22	0	3.0	DB16-0075
Right 2nd Bicuspid w/ Hook & Offset	-17	2	3.0	DB16-0140	-22	0	3.0	DB16-0076
Left 2nd Bicuspid w/ Hook & Offset	-17	2	3.0	DB16-0141	-22	0	3.0	DB16-0077

*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).



Due to demand our most popular stainless steel bracket Evolve, is now available in 'Mini'. Evolve Mini brackets have the same features loved by those orthodontists familiar with our standard Evolve brackets, including its low profile design, mushroom shaped hook and a reliable mesh bonding base. Evolve Mini brackets also benefit from up to a 20% reduction in the overall size, resulting in greater inter-bracket span and improved patient aesthetics.



Standard bracket

Mini bracket

Mini Bracket Kits	Code
Evolve Mini Roth .022 Hks 3, 4, 5	DB16-0350
Evolve Mini Roth .022 Hks 3	DB16-0351
Evolve Mini Roth .018 Hks 3, 4, 5	DB16-0352
Evolve Mini Roth .018 Hks 3	DB16-0353

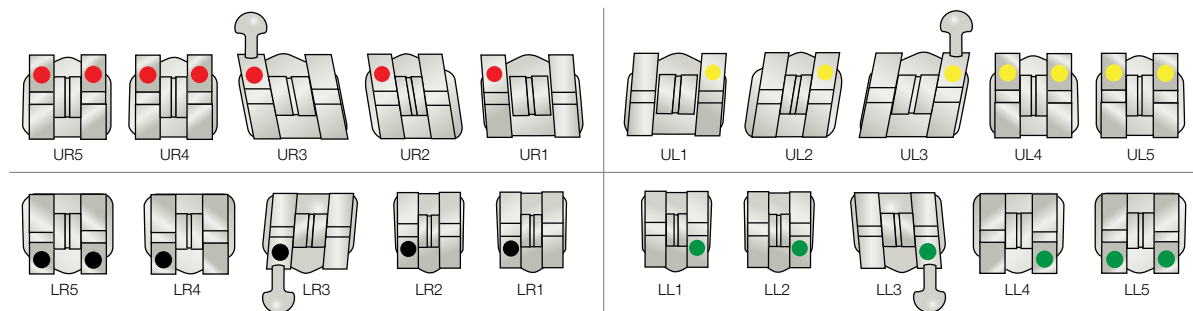
Mini Bracket Kits	Code
Evolve Mini MBT .022 Hks 3, 4, 5	DB16-0360
Evolve Mini MBT .022 Hks 3	DB16-0361
Evolve Mini MBT .018 Hks 3, 4, 5	DB16-0362
Evolve Mini MBT .022 Hks 3 Offset 4, 5	DB16-0363

MBT* Prescription .022				Roth* Prescription .022		
Maxillary Arch	Torq°	Angle°	Width (mm)	Torq°	Angle°	Width (mm)
Right Central	17	4	2.9	12	5	2.9
Left Central	17	4	2.9	12	5	2.9
Right Lateral	10	8	2.7	8	9	2.7
Left Lateral	10	8	2.7	8	9	2.7
Right Cuspid w/ Hook	-7	9	3.0	0	11	3.0
Left Cuspid w/ Hook	-7	9	3.0	0	11	3.0
Right Bicuspid	-7	0	2.8	-7	0	2.8
Left Bicuspid	-7	0	2.8	-7	0	2.8
Right Bicuspid w/ Hook	-7	0	2.8	-7	0	2.8
Left Bicuspid w/ Hook	-7	0	2.8	-7	0	2.8
Mandibular Arch	Torq°	Angle°	Width (mm)	Torq°	Angle°	Width (mm)
Anterior Right	-6	0	2.4	0	0	2.4
Anterior Left	-6	0	2.4	0	0	2.4
Right Cuspid w/ Hook	-6	3	2.7	-11	5	2.7
Left Cuspid w/ Hook	-6	3	2.7	-11	5	2.7
Right 1st Bicuspid	-12	2	2.8	-17	0	2.8
Left 1st Bicuspid	-12	2	2.8	-17	0	2.8
Right 1st Bicuspid w/ Hook	-12	2	2.8	-17	0	2.8
Left 1st Bicuspid w/ Hook	-12	2	2.8	-17	0	2.8
Right 2nd Bicuspid	-17	2	2.8	-22	0	2.8
Left 2nd Bicuspid	-17	2	2.8	-22	0	2.8
Right 2nd Bicuspid w/ Hook	-17	2	2.8	-22	0	2.8
Left 2nd Bicuspid w/ Hook	-17	2	2.8	-22	0	2.8
Right 1st Bicuspid & Offset	-12	2	2.8	-17	0	2.8
Left 1st Bicuspid & Offset	-12	2	2.8	-17	0	2.8

*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).



ID marks with enhanced colours for easy identification.



Also available in the Evolve range:



**Evolve Contoured
1st Molar Bands**
see page 22



**Evolve Flow
Bondable Tubes**
see page 20



**Evolve Bondable
Tubes**
see page 21



**Evolve Convertible
Tubes**
see page 21

Suggested instruments for Evolve brackets:



ix850
**Direct Bond Bracket
Holder**
see page 89



ix867
Bracket Height Gauge
3.5mm - 5mm .022
see page 93



ix828
Direct Bond Remover
(Angled)
see page 79

Mode

Self Ligating Bracket

The Mode SLB is a passive system uniquely designed to reduce friction not only due to the clip position but also the highly polished slot liner. This results in improved sliding mechanics which may speed up the alignment phase in crowded cases.

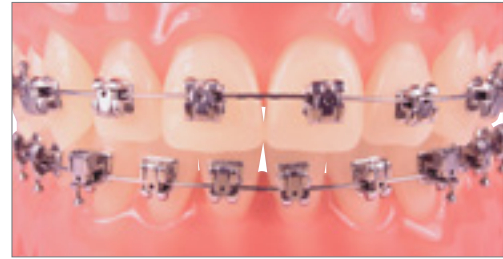
A patented clip design enables the orthodontist to have confidence in the opening and closing mechanism, as a definite 'click' can be heard throughout the duration of treatment when the gate is closed. The gate also benefits from a 'fuss free' approach requiring no special instrumentation to open or close the gate.

Roth* .022 hooks 3, 4 and 5. Kit 5-5 upper / lower.

DB19-0140

MBT* .022 hooks 3, 4 and 5. Kit 5-5 upper / lower.

DB19-0240



Highly polished metal slot liner

This helps reduce friction.

Laser marked base

The brackets are easily identified should a 'mix up' occur.

80 mesh gauge pad

The optimum bonding base for adhesion.



Patented positive spring locking mechanism

The orthodontist has confidence in a reliable and positive locking mechanism of the gate.

Manufactured in highest quality 17-4 grade Stainless Steel
Excellent product strength and durability.

'Fuss-free' opening mechanism
The orthodontist does not need a special instrument to open or close the bracket gate.

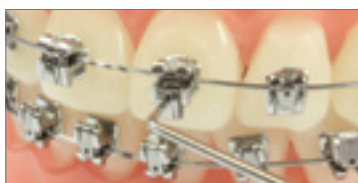
Both the body and gate are manufactured from MIM technology
This results in a smooth and rounded shape, excellent for patient comfort.



Consultation Model with Mode Brackets **DB04-2031**

*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).

Roth* Prescription .022					MBT* Prescription .022			
Maxillary Arch	Torq°	Angle°	Width (mm)	Code	Torq°	Angle°	Width (mm)	Code
Left Central	12	5	3.40	DB19-0100	17	4	3.40	DB19-0200
Right Central	12	5	3.40	DB19-0101	17	4	3.40	DB19-0201
Left Lateral	8	9	3.00	DB19-0102	10	8	3.00	DB19-0202
Right Lateral	8	9	3.00	DB19-0103	10	8	3.00	DB19-0203
Left Cuspid w/ Hook	-2	10	3.30	DB19-0104	-7	8	3.30	DB19-0204
Right Cuspid w/ Hook	-2	10	3.30	DB19-0105	-7	8	3.30	DB19-0205
Left Bicuspid w/ Hook	-7	0	3.00	DB19-0108	-7	0	3.00	DB19-0208
Right Bicuspid w/ Hook	-7	0	3.00	DB19-0109	-7	0	3.00	DB19-0209
Mandibular Arch	Torq°	Angle°	Width (mm)	Code	Torq°	Angle°	Width (mm)	Code
Anterior	-1	0	2.70	DB19-0120	-6	0	2.70	DB19-0220
Left Cuspid w/ Hook	-11	0	3.20	DB19-0121	-6	3	3.20	DB19-0221
Right Cuspid w/ Hook	-11	0	3.20	DB19-0122	-6	3	3.20	DB19-0222
Left 1st Bicuspid w/ Hook	-17	0	3.00	DB19-0125	-12	2	3.00	DB19-0225
Right 1st Bicuspid w/ Hook	-17	0	3.00	DB19-0126	-12	2	3.00	DB19-0226
Left 2nd Bicuspid w/ Hook	22	0	3.00	DB19-0129	-17	2	3.00	DB19-0229
Right 2nd Bicuspid w/ Hook	22	0	3.00	DB19-0130	-17	2	3.00	DB19-0230



Opening & Closing

- Mode brackets benefit from a simple approach requiring no special instruments to open or close.
- We recommend a single ended probe such as DB05-0304.

Treatment Phases

• Phase 1 – Leveling and Aligning

Thermal Ni-Ti Euroline Round .012 (DB21-0012).

• Phase 2 – Space Closure

Stainless Steel Euroline Round .012 or .014 (DB02-0012/14)

for treatment requiring less friction.

Stainless Steel Euroline Rectangular .016 x .016 (DB02-1616)

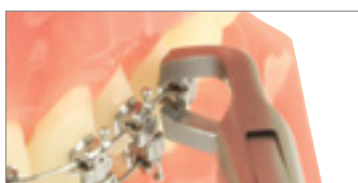
for treatment requiring greater friction.

• Phase 3 – Working Wire

Beta Titanium Euroline Rectangular .016 x .022 (DB23-1622/1725).

• Phase 4 – Finishing Stage

Beta Titanium Euroline Rectangular (DB23-1925/2125).



Debonding

- Mode brackets can be debonded in exactly the same way as standard stainless steel brackets.
- The Ixion IX828 Angled Direct Bond Remover is perfect for debonding all stainless steel brackets.

*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).

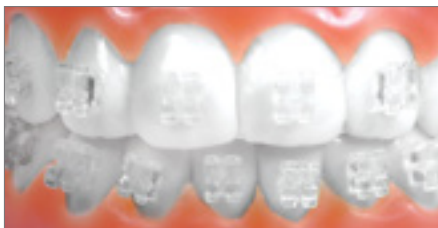


Each SPA bracket is made from a **Mono Sapphire Crystal** using advanced milling techniques and 3D analysis to better contour the bracket base. This ensures the anatomical shape and fit.

SPA brackets are **transparent**, allowing the natural shade of the patient's tooth to be seen through the bracket resulting in excellent patient aesthetics.

The **smooth surface, contoured shape** and small size - **only 2mm profile** - achieves excellent patient comfort.

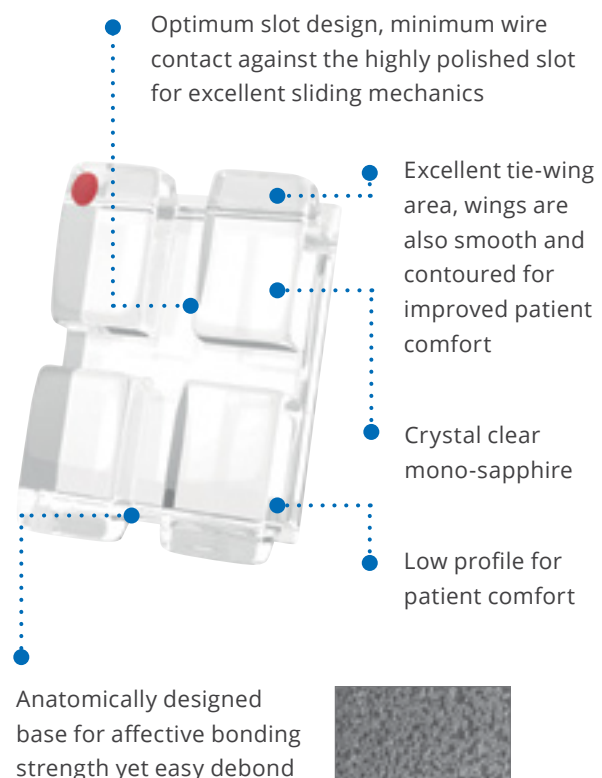
SPA brackets de-bond easily, similar to a metal bracket, thanks to the numerous micro-protuberances on the base surface which is compatible with all types of orthodontic adhesive.



Bracket Kits	Code
Spa MBT .022 Hk's 3	DB38-0550
Spa Roth .022 Hk's 3	DB38-0551
Spa Roth .022 Hk's 3, 4, 5	DB38-0552
Spa MBT .018 Hk's 3	DB38-0553

Now also available in Mini.

Bracket Kits	Code
Spa Mini Roth .022 Hk's 3, 4, 5	DB38-0652
Spa Mini MBT .022 Hk's 3, 4, 5	DB38-0653
Spa Mini Roth .022 Hk's 3	DB38-0654
Spa Mini MBT .022 Hk's 3	DB38-0655



Spa brackets are my go to aesthetic bracket. Patients like the look and feel of them, they function well and I don't need to worry about tricky ceramic debonds any longer. I feel like I'm using metal brackets but with the bonus of aesthetics.

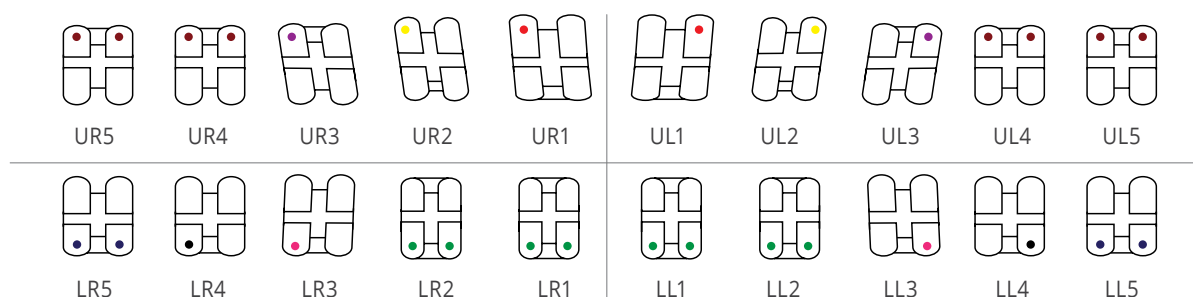
Ailbhe McMullin,
Consultant Orthodontist, Manchester Children's Hospital



*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).

MBT* Prescription .022					Roth* Prescription .022			
Maxillary Arch	Torq°	Angle°	Width (mm)	Code	Torq°	Angle°	Width (mm)	Code
Right Central	18	4	3.20	DB38-0500	11	4	3.20	DB38-0400
Left Central	18	4	3.20	DB38-0501	11	4	3.20	DB38-0401
Right Lateral	11	8	3.0	DB38-0502	8	9	3.0	DB38-0402
Left Lateral	11	8	3.0	DB38-0503	8	9	3.0	DB38-0403
Right Cuspid	-8	8	3.20	DB38-0504	-2	8	3.20	DB38-0404
Left Cuspid	-8	8	3.20	DB38-0505	-2	8	3.20	DB38-0405
Right Cuspid w/ Hook	-8	8	3.50	DB38-0504H	-2	8	3.50	DB38-0404H
Left Cuspid w/ Hook	-8	8	3.50	DB38-0505H	-2	8	3.50	DB38-0405H
Right 1st Bicuspid	-8	0	3.20	DB38-0506	-7	0	3.20	DB38-0406
Left 1st Bicuspid	-8	0	3.20	DB38-0507	-7	0	3.20	DB38-0407
Right 1st Bicuspid w/ Hook	-8	0	3.20	DB38-0506H	-7	0	3.20	DB38-0406H
Left 1st Bicuspid w/ Hook	-8	0	3.20	DB38-0507H	-7	0	3.20	DB38-0407H
Right 2nd Bicuspid	8	0	3.20	DB38-0508	7	0	3.20	DB38-0408
Left 2nd Bicuspid	8	0	3.20	DB38-0509	7	0	3.20	DB38-0409
Right 2nd Bicuspid w/ Hook	8	0	3.50	DB38-0508H	7	0	3.50	DB38-0408H
Left 2nd Bicuspid w/ Hook	8	0	3.50	DB38-0509H	7	0	3.50	DB38-0409H
Mandibular Arch	Torq°	Angle°	Width (mm)	Code	Torq°	Angle°	Width (mm)	Code
Anterior Right	-6	0	3.0	DB38-0510	0	0	3.0	DB38-0410
Anterior Left	-6	0	3.0	DB38-0510	0	0	3.0	DB38-0410
Right Cuspid	-6	4	3.20	DB38-0512	-11	7	3.20	DB38-0412
Left Cuspid	-6	4	3.20	DB38-0513	-11	7	3.20	DB38-0413
Right Cuspid w/ Hook	-6	4	3.50	DB38-0512H	-11	7	3.50	DB38-0412H
Left Cuspid w/ Hook	-6	4	3.50	DB38-0513H	-11	7	3.50	DB38-0413H
Right 1st Bicuspid	-6	2	3.20	DB38-0514	-17	3	3.20	DB38-0414
Left 1st Bicuspid	-13	2	3.20	DB38-0515	-17	3	3.20	DB38-0415
Right 1st Bicuspid w/ Hook	-13	2	3.50	DB38-0514H	-17	3	3.50	DB38-0414H
Left 1st Bicuspid w/ Hook	-13	2	3.20	DB38-0515H	-17	3	3.50	DB38-0415H
Right 2nd Bicuspid	-18	2	3.20	DB38-0516	-21	6	3.20	DB38-0416
Left 2nd Bicuspid	-18	2	3.20	DB38-0517	-21	6	3.20	DB38-0417
Right 2nd Bicuspid w/ Hook	-18	2	3.50	DB38-0516H	-21	6	3.50	DB38-0416H
Left 2nd Bicuspid w/ Hook	-18	2	3.50	DB38-0517H	-21	6	3.50	DB38-0417H

ID marks with enhanced colours for easy identification.



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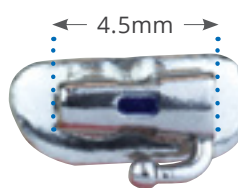


Evolve Flow buccal tubes have fast become one of our most popular products. Clinicians love the ease of insertion of the wire into the tube thanks to the fully funnelled entrance.

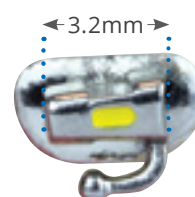
The occlusal / gingival positioning guide ensures a secure grip which guarantees ease of placement, while the low profile hook and distal notch allow easy placement of attachments.

Go with the flow...

First Molar
Evolve Flow Tube



Second Molar
Evolve Flow Tube



Positioning Guide

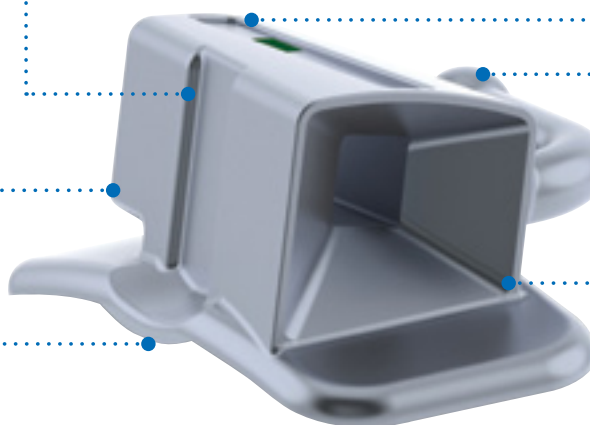
Occlusal / gingival positioning guides ensure a secure grip and ease of placement

Distal Notch

Evolve Flow features a distal notch for ligation and tieback of auxiliaries.

Contoured Base

Anatomically contoured base with occlusal indent ensures accurate fit, whilst the 80 gauge mesh pad ensures superior bond strength.



Low Profile

The contoured surfaces are low profile and tapered for patient comfort.

Low Profile Hook

Low profile hooks guarantee patient comfort and allow for easy placement of attachments.

The Funnelled Entrance

The Evolve Flow funnelled entrance allows for easy wire insertion.

**BEST
SELLERS**

Roth* .022	1st Molars	2nd Molars
Upper Left	DB07-1350UL	DB07-1371UL
Upper Right	DB07-1350UR	DB07-1371UR
Lower Left	DB07-1350LL	DB07-1371LL
Lower Right	DB07-1350LR	DB07-1371LR

MBT* .022	1st Molars	2nd Molars
Upper Left	DB07-1360UL	DB07-1372UL
Upper Right	DB07-1360UR	DB07-1372UR
Lower Left	DB07-1360LL	DB07-1372LL
Lower Right	DB07-1360LR	DB07-1372LR

Roth* .018	1st Molars	2nd Molars
Upper Left	DB07-1370UL	DB07-1373UL
Upper Right	DB07-1370UR	DB07-1373UR
Lower Left	DB07-1370LL	DB07-1373LL
Lower Right	DB07-1370LR	DB07-1373LR

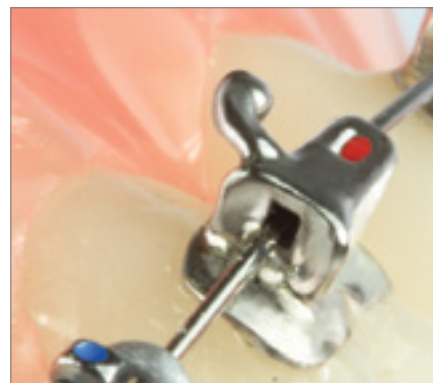
MBT* .018	1st Molars	2nd Molars
Upper Left	DB07-1362UL	DB07-1374UL
Upper Right	DB07-1362UR	DB07-1374UR
Lower Left	DB07-1362LL	DB07-1374LL
Lower Right	DB07-1362LR	DB07-1374LR

*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).



Evolve bondable tubes are available in Roth* and MBT* .018 and .022. Features include:

- Comfort Ball Hook
- Colour Enhanced I.D.
- Low Profile Design
- Full Funnelled Entrance
- Occlusal Indent
- Compound-Contour Moulded Base
- Torque-In Base
- 80 Gauge Mesh Base



MBT* .022	1st Molar	2nd Molar	Roth* .022	1st Molar	2nd Molar
Upper Left	DB07-1060UL	DB07-1061UL	Upper Left	DB07-1050UL	DB07-1051UL
Upper Right	DB07-1060UR	DB07-1061UR	Upper Right	DB07-1050UR	DB07-1051UR
Lower Left	DB07-1060LL	DB07-1061LL	Lower Left	DB07-1050LL	DB07-1051LL
Lower Right	DB07-1060LR	DB07-1061LR	Lower Right	DB07-1050LR	DB07-1051LR



Manufactured with the same features as the standard Evolve tube, but with the addition of a convertible cap. Our convertible tubes incorporate a tie wing design for secure ligation.

MBT* .022	1st Molar	Roth* .022	1st Molar
Upper Left	DB07-1080UL	Upper Left	DB07-1090UL
Upper Right	DB07-1080UR	Upper Right	DB07-1090UR
Lower Left	DB07-1080LL	Lower Left	DB07-1090LL
Lower Right	DB07-1080LR	Lower Right	DB07-1090LR

*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).



Contoured 1st Molar Bands

1st Molar bands available in .022 Roth* and MBT* prescription pre-welded with non-convertible low profile buccal tubes.

- Permanently etched marking system.
- Etched inner surface for better retention.
- Band size range of 29.5 - 43.5 including half sizes.



DB80 - Plain molar bands available



Maxillary Tube - Double Upper

Non convertible with mesial hook.

	Torque	Rotation
Roth* DB90	-10°	8°
MBT* DB91	-14°	10°

Maxillary Tube - Single Upper

Non convertible with mesial hook.

	Torque	Rotation
Roth* DB92	-10°	8°
MBT* DB93	-14°	10°

Mandibular Tube - Single Lower

Non convertible with mesial hook.

	Torque	Rotation
Roth* DB90	-25°	5°
MBT* DB91	-10°	0°

Evolve Molar Band Kits	Code
Evolve Molar Band Starter Kit - Roth .022" Contains 244 pre-welded bands - double upper tube / single lower tube	DB90-S/KIT
Evolve Molar Band Trial Kit - Roth .022" Contains 72 pre-welded bands - double upper tube/single lower tube	DB90-S/KIT/UK
Evolve Molar Band Starter Kit - MBT .022" Contains 244 pre-welded bands - double upper tube/single lower tube	DB91-S/KIT
Evolve Molar Band Trial Kit - MBT .022" Contains 72 pre-welded bands - double upper tube/single lower tube	DB91-S/KIT/UK

**Organizer
DB16-1005**



Stackable Band Tray
DB16-1001**



*The prescriptions are not implied to be an exact version of any other system, nor do we claim any endorsement by the doctor(s).

**Each tray sold separately.

Attachments

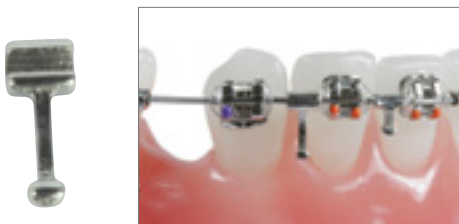
Spiral hooks

Excellent for use with Infinitas mini implants. Can attach auxiliary attachments at 3 different levels. Fits archwires up to .021" x .025". Spiral hooks can be cut using hard wire cutter to obtain desired length. Sold in packs of 10.

Left	DB22-0487
Right	DB22-0488



Excellent for use with Infinitas mini implants.



**BEST
SELLERS**

Crimpable bi-directional ball hooks

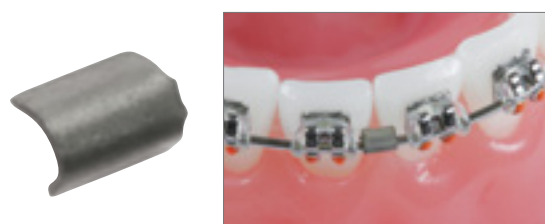
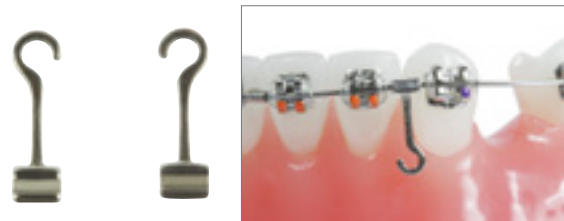
Easily placed onto any size archwire inside or outside of the mouth. Secure anchor for any auxiliary attachment. Bi-directional hook for easy ligation. Smooth for patient comfort. Fits archwires up to .021" x .025". Sold in packs of 10.

1.3mm	DB22-0482
3mm	DB22-0483

Crimpable archwire hooks

Excellent for use with Infinitas Mini Implant attachments. Securely attach closed coil springs or any auxiliary attachments. Can be placed onto archwires inside or outside of the mouth. 5.5mm tall and fits archwires up to .021" x .025". Sold in packs of 10.

Left	DB22-0480
Right	DB22-0481



Crimpable arch stops

Can be inserted without removing the archwire. Once positioned onto the archwire, crimp it with a crimping plier (ix834).

Pack 10	DB22-0486H
Pack 100	DB22-0486

Attachments

Bondable Lingual Cleat

Fine foil mesh base. Low profile cleats for minimum tissue irritation, welded to a fine Stainless Steel foil mesh base. Sold in packs of 10.

DB22-0465



Bondable Buttons

Elliptical mesh base. Sold in packs of 10.

A Round Base	DB22-0470
B Elliptical Base	DB22-0471

Bondable Eyelets

Easy bonded to any tooth.

.030" diameter. Sold in packs of 10.

DB22-0450



Rapid Alignment Tube

Excellent for initial alignment due to its narrow dimensions. Undercuts for increased strength. Easy debonding. Sold in packs of 10.

DB38-0555

Before treatment



After 2 -3 months



Photos courtesy of Dr. Richard Cousley.

straight8™

lingual retainer wire

- Straight8 retains the teeth in position at the end of orthodontic treatment
- Straight8 flattened 8 strand braided wire is a lower profile than other leading brands, only 0.028" x 0.008"
- Straight8 contours easily to the lingual surface of the tooth
- Straight8 is compatible with all types of adhesive and cuts easily without fraying
- Straight8 has received excellent feedback on performance during our clinical trials

Sold in 6" length packs of 10.

DB22-0458



straight8+

lingual retainer wire

In response to customer feedback we have further developed our Straight8 wire for those orthodontists searching for a 'dead soft' retainer wire for chairside retainers.

Sold on a 5ft reel.

DB22-0459



TOPTIP

Don't use fixed retainers?
We supply a full range of vacuum forming material and accessories.

- see page 124-126 for our full range.



infinitasTM
mini implant system

European patent no. EP2010094 (B1)
www.infinitas-miniimplant.com

Why choose Infinitas?

The simple yet comprehensive orthodontic mini implant system for an infinite number of anchorage applications.

We have strived for absolute perfection from the design stage to the manufacturing of the Infinitas Mini Implant system.

In essence, the Infinitas Mini Implant system has been designed by an orthodontist, for orthodontists, so that precise, reliable bone anchorage can be achieved using as simple a clinical process as possible.

The Infinitas Mini Implant system has been designed with Dr. Richard Cousley, a Consultant Orthodontist working in the UK hospital service and private practice. Dr. Richard Cousley has published papers and lectured widely on the technical aspects of bone anchorage. He developed the Infinitas Mini Implant system to overcome some of the limitations of existing mini implants, especially in terms of their lack of insertion precision, attachment difficulties and overly complex inventories.

A combination of clinical and computerised trials have proven the Infinitas Mini Implant system to be reliable and to provide comfort to both patient and clinician.

A versatile mini implant system offers fixed anchorage to increase the efficiency of orthodontic treatment. This is useful when you encounter the need for space closure, tooth uprighting, open bite correction, molar distalization, and a number of other applications.

When deciding which mini implant to purchase, there are a number of considerations for the clinician:

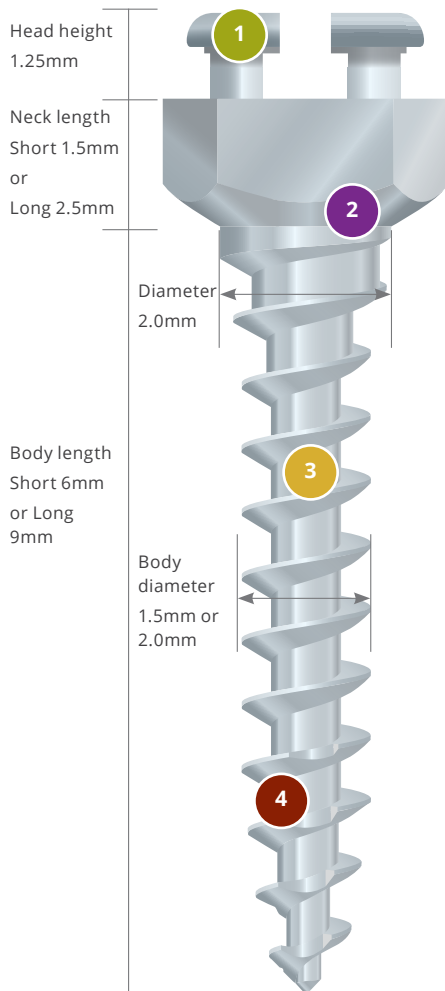
- How easily will auxiliaries such as closing coil springs or elastomeric chain attach to the head?
- How comfortable will it be for the patient?
- How easily will it integrate with my current treatment mechanics?
- Will I need to drill a pilot hole or will the mini implant self-drill?

These questions are all addressed with the sophisticated and intelligently designed Infinitas Mini Implant - the system of choice for many orthodontists.



Case images courtesy of Dr. Richard Cousley. Anterior Open Bite case treated with two Infinitas Mini Implants, rather than an osteotomy and without the need to wear any intermaxillary elastics.

The Infinitas Mini Implant System

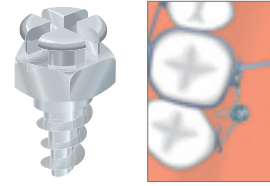


(Image shows 1.5mm Ø 9mm short neck Infinitas Mini Implant)

All Infinitas Mini Implants are manufactured from medical grade 5 titanium.

1 Unique Head Design for Universal Applications (patent pending)

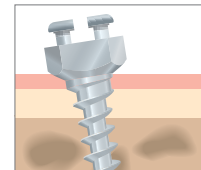
The head of the Infinitas Mini Implant is designed for direct attachment of many forms of traction. Auxiliaries, such as closing coil springs, elastomeric chain and .021" x .025" rectangular wire are held securely on one traction level, in the undercuts of this low profile head. In particular there is no need for custom made closing coil springs.



2 Angled Transmucosal Neck Design

The transmucosal neck of the Infinitas Mini Implant is designed to allow insertion at any angle due to the favourable contact between the mucosa and angled neck.

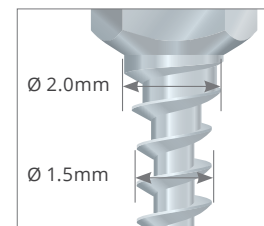
There are two neck heights: short neck for areas of thin mucosa and a long neck for areas of thick mucosa.



3 Unique Body Design

The Infinitas cutting thread is designed to increase mini implant stability. Its thread continues the full length of the mini implant body and therefore, through the cortical bone.

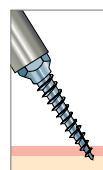
The unique tapered design of the mini implant is designed to enhance engagement of the cortical bone. The 1.5mm diameter version benefits from the coronal end of the body broadening out to a diameter of 2mm while still permitting easy interproximal placement.



4 Self-drilling Insertion Techniques

All Infinitas Mini Implants are designed to be self-drilling, to ease insertion and maximize stability. The self-drilling thread avoids the need to pre-drill a full pilot hole.

Note: During placement in dense cortical bone excessive torque is avoided with the use of the unique Infinitas Cortical Bone Punch.



Infinitas IMT Screw

The Infinitas IMT miniscrews can be used with both the Infinitas Clinical and Guidance kits.

Application / Indications for use:

- IMF in maxillary / mandibular fracture cases
- IMF and post-op traction in orthognathic cases
- Inter-maxillary traction in compromised dentitions



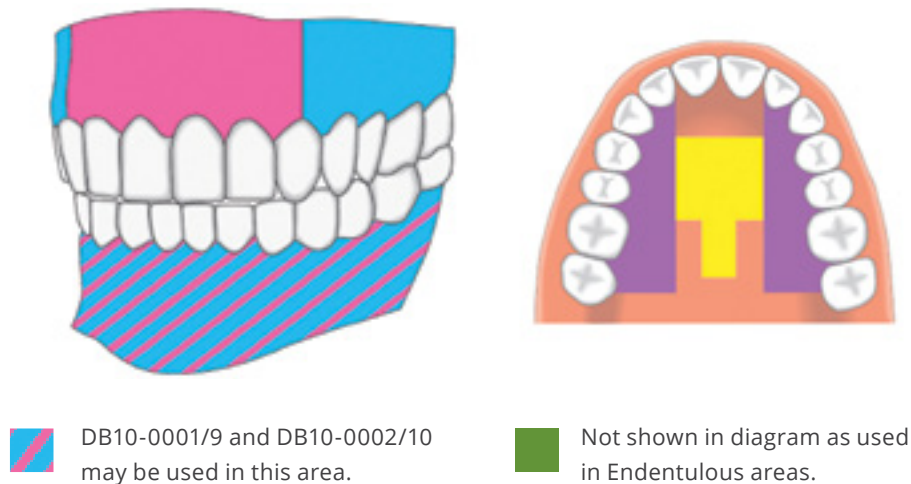
DB10-0100 1.5mm Ø 6mm length

DB10-0101 1.5mm Ø 9mm length

Selecting the correct Infinitas Mini Implant

The Infinitas System can be used to provide bone anchorage in virtually any maxillary/mandibular interproximal site and in the hard palate, although the most frequently utilised insertion site is buccal and mesial to the maxillary first molar.

The insertion site is determined by individual anchorage demands and anatomical factors (e.g. bone quantity, root and sinus positions). The exact insertion site is selected by studying each patient's dental model and radiographs (OPT and/or periapical views) together. General guidelines for usage are:



The insertion sites shown are intended for guidance only.

Colour coded	Diameter (mm)	Body Length (mm)	Neck	Non-sterile	Sterile	Typical Insertion sites
	1.5	6	Short	DB10-0001	DB10-0009	Anterior maxilla - perpendicular insertions Mandible - perpendicular insertions
	1.5	9	Short	DB10-0002	DB10-0010	Anterior maxilla - oblique insertions, Posterior maxillary buccal alveolus, Mandible - oblique insertions
	1.5	9	Long	DB10-0004	DB10-0012	Maxilla - palatal alveolus
	2.0	6	Long	DB10-0007	DB10-0015	Mid-palate
	2.0	9	Long	DB10-0008	DB10-0016	Edentulous areas Temporary restorative abutment

Infinitas IMT Screw

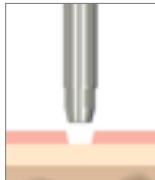
Diameter (mm)	Body Length (mm)	Neck	Code	Typical Insertion sites
1.5	6	Long	DB10-0100	Mandible - perpendicular insertions
1.5	9	Long	DB10-0101	Maxilla - perpendicular insertions

Infinitas Mini Implant Kits

Infinitas Intro Kit (including 5 Sterile mini implants)	DB10-0063
Infinitas Intro Kit (including 5 Non-sterile mini implants)	DB10-0064
Infinitas Complete Kit (including 5 Non-sterile mini implants)	DB10-0065
Infinitas Complete Kit (including 5 Sterile mini implants)	DB10-0060



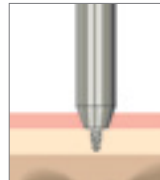
Kit contents: (Mini components in complete kit only).



Mucotome

(Standard or mini)

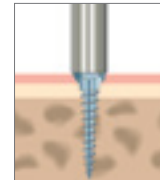
The mucotome removes a 2mm circle of mucosa for use in areas of thick or mobile mucosa.



Cortical Bone Punch

(Standard or Mini)

It is beneficial to use the cortical bone punch in areas of dense cortical bone e.g. the posterior mandible, mid-palate and palatal alveolus. Indentation of the cortical bone using the 2mm long diamond hard tip reduces insertion torque and prevents slipping of the implant tip.



Screwdriver insert

(Standard or mini)

Available as standard insert to fit standard handle or mini insert for use with a speed reducing handpiece. Infinitas Mini Implants are self-drilling and in many clinical situations can be placed directly through the mucosa.

Standard	DB10-0022
Mini	DB10-0027

Standard	DB10-0023
Mini	DB10-0028

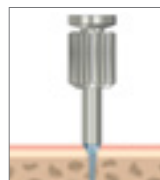
Standard	DB10-0021
Mini	DB10-0026



Standard handle

The ergonomic design of the standard handle allows greater stability when placing Infinitas Mini Implants. The handle is used to hold each standard insert using a simple latch grip method.

DB10-0020



Mini Screwdriver

The manual mini screwdriver allows the clinician to make final adjustments to the position of the cross head.

DB10-0025



Surgical Instrument Tray

The aluminium surgical instrument tray is designed to securely house each of the inserts to ensure they will not be damaged in transit.

DB10-0029

Infinitas Guidance Kit

Infinitas is a truly complete system featuring mini implants combined with highly specialised instruments and a unique 3D guidance system. The stent contains a guide cylinder which accurately guides all instrumentation to the prescribed position. Patented stent components, available in the Infinitas Guidance Kit, simplify the production of a 3D stent and ensure effortless and accurate mini implant insertion in any location.

- Reproducible 3D insertion.
- Provides stable insertion point (no slippage of implant tip on bone) during oblique insertion and especially helpful in difficult to access sites e.g. palate.
- Reduces perforation risks.
- Helpful for implant novices.
- Prescribes insertion details for other clinicians.
- Reduces surgery time & stress.
- Available with round or square baseplates to suit clinician's vacuum forming machine.



(Image shows Infinitas Guidance Kit DB10-0049S)

DB10-0049R









(Round Baseplates)

DB10-0049S

(Square Baseplate)

Guidance Kit Contains:

(Product description and order information for individual components.)

Infinitas Stent Analogue (packet of 5)	DB10-0030	
Infinitas Stent Abutment (packet of 5)	DB10-0031	
Infinitas Stent Guide Cylinder (packet of 5)	DB10-0032	
Analogue C/A Drill for Plaster Model (1 each)	DB10-0035	
Analogue S/T Drill for Plaster Model (1 each)	DB10-0036	
Analogue Lab Drill for Plaster Model (1 each)	DB10-0037	
Analogue Screwdriver (1 each)	DB10-0038	
Infinitas Baseplate 1.5mm - Round (packet of 5)	DB10-0040R OR DB10-0040S	
Infinitas Baseplate 1.5mm - Square (packet of 5)		



Infinitas Courses

We are proud to run our Mini Implant courses with Dr. Richard Cousley.



Course Overview

Dr. Richard Cousley has been a consultant orthodontist in Peterborough since 2001 and has used a variety of both implant and mini implant anchorage systems throughout this time. He has both lectured and published widely on orthodontic bone anchorage with a proven track record of clinical excellence and technique innovation, including his design of the Infinitas Mini Implant system.

The Infinitas Mini Implant system represents a synthesis of this theoretical and practical experience, such that bone anchorage should be a simple and routine option for all orthodontists and for many of your patients.

This well established course aims to equip the delegates with the essential theoretical and practical knowledge to easily begin using mini implant anchorage in clinical scenarios. The afternoon sessions also cover the latest advanced mini implant techniques (treatment planning and biomechanics), especially relating to palatal insertion sites and the treatment of anterior open bite cases.



Previous Course Feedback

Pre-Course Information - "Very good. Especially email night before!"

Content - "Very good combination of clinical cases and scientific content."

Style of presentation - "Good guides / presentation. Well broken with practical sessions."

Practical - "Very good. Informed use of equipment."

Other comments - "An excellent introduction to use of Infinitas System."

Delegate, London, UK

Pre-Course Information - "Good pre-course information with programme, timings etc."

Content - "Very good with lots of clinical tips and teaching on biomechanics was good."

Style of presentation - "Good, interesting presentations, able to ask questions as necessary."

Practical - "Good hands on practical using screwdriver and handpiece and good to practice with stent."

Delegate, Manchester, UK



For current course dates

Call Freephone **0800 783 3552** or visit **www.dbortho.com**

Suggested for use with the Infinitas Mini Implant System*

Speed Reducing Handpiece 128:1

For use with Infinitas mini inserts.

Infinitas Mini Implants should be inserted at speeds not exceeding 100 RPM. See Infinitas Clinical Manual for full information. This speed reducing handpiece is compatible with both air motors and electric motors:

Air Motors – set the speed to minimum (most operate on a minimum of 2000 RPM). This will result in an effective speed of 16 RPM.

Electric Motors – set the speed to 2500 RPM and set torque to minimum. This will result in an effective speed of 19.5 RPM.

*Check manufacturer's instructions for exact information.

DB06-WD74M**



With Infinitas mini screwdriver insert (DB10-0026).



Infinitas implant positioned into insert.



ISD900 Cordless screwdriver

Introducing the ISD900 cordless screwdriver with Torque Calibration System (TCS) recommended for use with the Infinitas Mini Implant System mini components for all difficult access insertion sites. The ISD900 will guarantee precise torque control due to the unique NSK torque calibration system which is extremely easy to use.

The ISD900 is very quiet and smooth running, patient friendly, lightweight and easy to handle due to the extension arm which enables the user to avoid lateral movements during insertion.

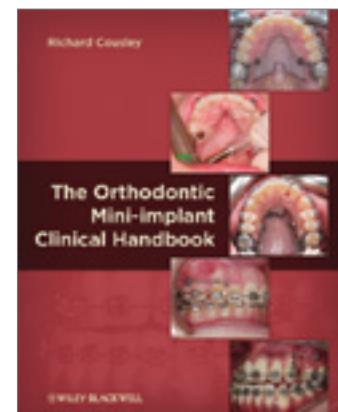
DB06-ISD900**

The Orthodontic Mini Implant Clinical Handbook by Dr. Richard Cousley

A must-have book for trainee and practicing orthodontists. It provides the essential theoretical and clinical mini implant information to enable the clinician to easily introduce skeletal anchorage into their practice in a wide variety of clinical scenarios.

The initial chapters cover general principles with subsequent chapters employing a step-by-step approach to guide the novice through the most common clinical uses for orthodontic mini-implants including: incisor retraction, molar distalisation, transverse and asymmetry corrections, and orthognathic surgery uses.

DB10-0053



*Please note: these are suggestions only and not available for sale outside UK.

**Please note: does not include insert.

Infinitas Accessories

Mini Implant Educational Model

Clear soft model with two Infinitas Mini Implants placed.

DB10-0071



Colour Boutique Clear Elastomeric Chain

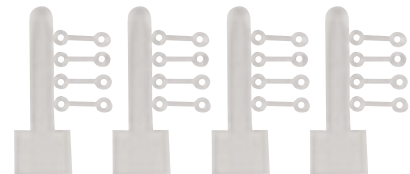
High elasticity and excellent rebound, medical grade polyurethane. Sold on 15ft reel.

Closed	DB03-3117
Open	DB03-3217
Open Long	DB03-3317

Link Modules

Excellent for rotating individual teeth and connecting bracket hooks. Provide continuous gentle forces. Clear in packages of 100 modules.

Assorted	DB03-0031
4.3mm	DB03-0032
6.0mm	DB03-0033
8.5mm	DB03-0034
11.5mm	DB03-0035



NiTi Preformed Springs

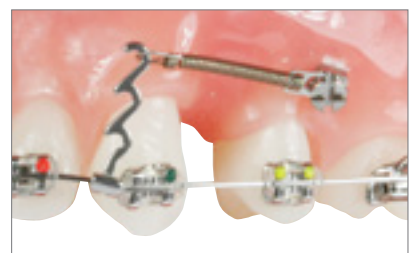
Nickel Titanium Preformed Springs close or open spaces at a level which is unapproachable with stainless steel springs. Sold in packs of 10. See **page 51** for force graphs.

Force	9mm	12mm
Light 150g	DB41-0150	DB41-0151
Medium 200g	DB41-0200	DB41-0201
Heavy 250g	DB41-0250	DB41-0251

Spiral Hooks

Excellent for use with Infinitas mini implants. Can attach auxiliary attachments at 3 different levels. Fits archwires up to .022" x .028". Spiral hooks can be cut using hard wire cutter to get desired length. Sold in packs of 10.

Left	DB22-0487
Right	DB22-0488



Band-it

LIGHT CURE CEMENT

Our light cure bonding adhesive solutions have been clinically tested against the leading orthodontic adhesives. Bond-it adhesive for metal and ceramic brackets and tubes, and Band-it cement for bands are now well established in the market place as the product range favoured by many orthodontists worldwide.

Medium viscosity means easy to use.

- Blue paste means easy to clean up.
- The resin and glass ionomer cement allows for the slow release of fluoride.
- Has no unpleasant taste.
- The syringe and capsule design provides easy and accurate delivery.
- Superior adhesion with a high resistance to washout and band looseness.
- Single syringe equals 30-40 bands



1 Syringe (5g)	DB09-0100
Economy Pack (4)	DB09-0101



Kit contains:

Adhesive syringe (2 or 4), Light cure sealant, Etchant, Mixing pad and Brushes.

Bond-it

LIGHT CURE ADHESIVE

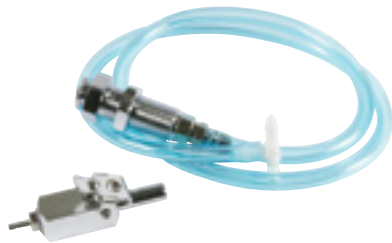
- High viscosity means a low drift for accurate bracket placement.
- Has a distinguishable colour to facilitate clean up of flash.
- Is the only adhesive that transitions to tooth colour after 2-3 weeks.
- Superior bond strength compared to leading brands.

Kit (2 Syringe)	DB09-0200
Kit (4 Syringe)	DB09-0201
Replacement parts	
Adhesive syringe (5g)	DB09-0202
Light cure sealant (7ml)	DB09-0203
Etchant (4g)	DB09-0204
Mixing pad (pk 50)	DB09-0205
Brushes (pk 25)	DB09-0206

db* orthodontics | *Micro Etcher*

Recommended by leading lecturers as one of the most valuable tools for dentistry. The Micro Etcher's precision micro-roughening improves bond strength by up to 400%. Surface area and surface reactivity is dramatically increased for maximum bond strength. Sandblasting is fast and easy with most surface roughening procedures requiring only a few seconds. The Micro Etcher features 360° rotatable and interchangeable nozzles. Fully autoclavable.

DB06-0071



Quick Disconnect Kit

Allows easy connection to air hose for chair side sandblasting. Consists of male and female connection with barbed tee.

DB06-0074

Tubing Assembly	DB06-0072
Replacement Carbine Nozzle	DB06-0075
Male Connection	DB06-0076
Handpiece Adaptor 4-5 Hole	DB06-0077
Female Connection with Barbed Tee	DB06-0078

Aluminium Oxide

50 micron white. 450g.

Air abrasion for surface etching.

DB06-0073



Dry Tips

Sold in packs of 50.

Small size, green **4S04-0200**

Large size, blue **4S04-0201**

Mini Mold

Choose from 7 different Mini-Mold Treatment Aids.

Mini Mold Starter Kit

Kit includes: 24 Mini-Mold tips (3 of each style),
2 tip handles, detailed step-by-step instructions.

DB09-0250



Each Mini-Mold Treatment Aid includes:

- 10 Mini-Mold tips (same type)
- 1 tip handle and detailed step-by-step instructions (Bite-Ramp pk of 8).



**Excellent for
Bonded Retainer**



Bracket

Mini-Mold Tips
Creates edgewise brackets, ideal for minor tooth adjustments.

DB09-0252



Button

Mini-Mold Tips
Creates a functional low profile button quickly and easily.

DB09-0253



Habit Control

Mini-Mold Tips
The small conical spike ends thumb sucking and tongue thrusting.

DB09-0254



Bite-Ramp

Mini-Mold Tips
Creates a bite opening ramp on the lingual of the upper anterior teeth
3mm **DB09-0251**
5mm **DB09-0251L**



Tube Bonder

Mini-Mold Tips
Designed to create a temporary tube
DB09-0258



Posterior Molar Pad

Mini-Mold Tips
Designed to open the bite from the posterior teeth.
DB09-0257



Wire Bonder

Mini-Mold Tips
Ideal for making direct bond lingual retainers.
4.5mm **DB09-0255**
3mm **DB09-0256**
(for wire sizes up to .020")

Original Microbrushes - Regular Tip

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.

DB04-0100



Bonding Brushes

Disposable bonding brushes. Sold in a box of 400.

DB09-0008

Nola Dry Field System

Obtain a totally dry field for the entire arch without drugs, absorbing pads and cotton rolls. System includes: Cheek Retractor, Silicone Tubing, Connectors, Saliva Ejector.

Description	Code	Unit
Nola Dry Field System Small	DB04-0405	kit
Nola Dry Field System Large	DB04-0406	kit
Saliva Ejector Small	DB04-0407	Pack 2
Saliva Ejector Large	DB04-0408	Pack 2
Cheek Retractor Small	DB04-0409	each
Cheek Retractor Large	DB04-0410	each
Low Volume Suction	DB04-0411	Pack 4
High Volume Suction	DB04-0412	Pack 4
Silicone Tubing	DB04-0413	Pack 10
'Y' Connector	DB04-0414	Pack 4



Uses

- Full arch bonding
- Pit and fissure sealant
- Fluoride treatment

Features

- Full arch access
- High fluid volume
- Comfortable
- Adjustable to arch length
- Excellent soft tissue retraction
- Autoclavable silicone tubing

Saliva Ejector

Help maintain a dry field. Saliva Ejectors are constructed of medical grade vinyl tubing. The metal insert allows the tubing to be bent into any configuration.

There is a quick disconnect fitting which allows for easy placement and removal.

Also available are adaptor tubes that provide a connector between a slow speed ejector system and the saliva ejector. Sold in packs of 3.



Saliva Ejector	DB04-0401
Adaptor Tubes	DB04-0402

Super Soft Tongue Blocks

Made out of a soft pliable plastic, Super Soft Tongue Blocks are perfect with or without a saliva ejector. They also hold the patient's mouth open without discomfort. Sold in packs of 50.

DB04-0400



create™

orthodontic alginate

Create Orthodontic Alginate has been specifically formulated for orthodontic use.

Create has an extra fast setting time, high elasticity and is tear resistant.

Create Orthodontic Alginate is an attractive fuchsia coloured powder with a red fruit flavour.

Create is also dust free: The powder is treated in such a way that no dust is generated during dosing and mixing. This facilitates the mixing process through easy absorption of the water by the powder, offering the orthodontist convenient and hygienic handling.

Create Orthodontic Alginate is sold in packs of 500g
DB04-0270

“

A good quality, well-priced impression material. Fast-setting and accurate and, unlike many other impression materials, my patients like the taste!

”

Spencer Nute,
Consultant Orthodontist, Southend Hospital



Tropical Mixing Bowls

Beautiful transparent colours.

Highly flexible to ensure smooth mixing.

Colour		Bowls	Spatulas
Yellow	●	DBL5-0003	DBL5-0032
Pink	●	DBL5-0004	DBL5-0033
Green	●	DBL5-0005	DBL5-0034
Orange	●	DBL5-0006	DBL5-0035
Blue	●	DBL5-0007	DBL5-0036
Pearl	●	DBL5-0008	DBL5-0037

Exacto-Bite

Can be used with either wax or silicone bite registration materials. Sold in packs of 25.

Exacto-Bite Blue 2mm	●	DB04-0133
Exacto-Bite White 4mm	○	DB04-0134



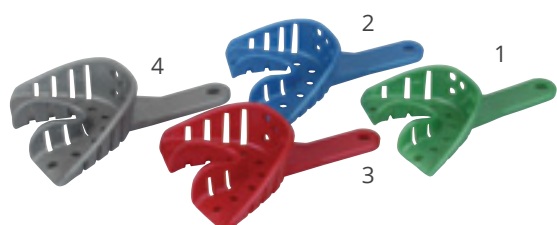
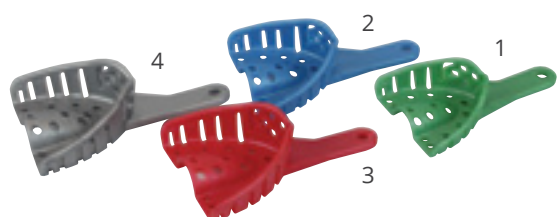
LockTight Impression Trays

LockTight disposable plastic impression trays provide superior retention of alginate without the need for tray adhesive. Each tray is anatomically shaped to ensure an accurate fit. LockTight Trays are colour and number coded for easy identification. Sold in a pack of 50.

Size	Colour	Upper	Lower
1	Red	DB04-0230U	DB04-0230L
2	Orange	DB04-0231U	DB04-0231L
3	Blue	DB04-0232U	DB04-0232L
4	Green	DB04-0233U	DB04-0233L
5	Yellow	DB04-0234U	DB04-0234L
6	Purple	DB04-0235U	DB04-0235L



**BEST
SELLERS**



Ultralock Impression Trays

Ultralock disposable plastic impression trays are anatomically shaped to ensure an accurate fit and to provide maximum retention. Edges are rounded for patient comfort. Ultralock trays are colour coded for easy identification. Sold as each.

Size	Colour	Upper	Lower
1	Green	DB04-0251U	DB04-0251L
2	Blue	DB04-0252U	DB04-0252L
3	Red	DB04-0253U	DB04-0253L
4	Silver	DB04-0254U	DB04-0254L

Metal Impression Trays

Perforated stainless steel impressions trays with rounded retention rims. Fully autoclavable. Sold as each.

Colour Code	Size	Upper	Lower
White ○	Xtra Small	DB04-0200U	DB04-0200L
Yellow ●	Small	DB04-0201U	DB04-0201L
Red ●	Medium	DB04-0202U	DB04-0202L
Light Blue ●	Large	DB04-0203U	DB04-0203L
Turquoise ●	Xtra Large	DB04-0204U	DB04-0204L
Blue ●	XXL	DB04-0205U	DB04-0205L

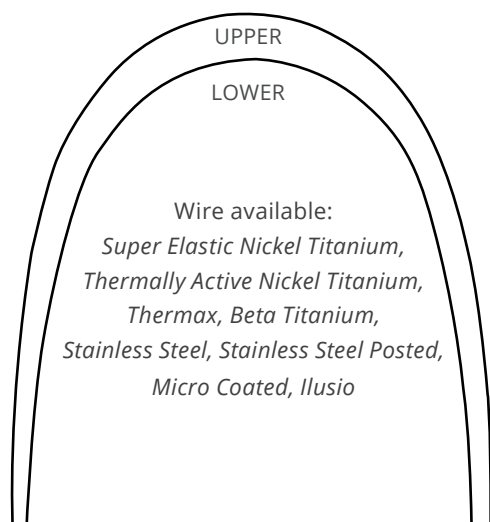


DB Archwires

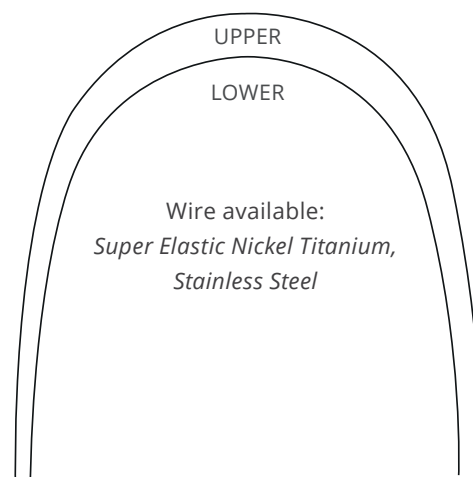
DB Archwires are manufactured to the highest possible standards using state of the art technology. Only the finest quality materials are used in order to provide optimum performance. All DB Archwires are subject to stringent testing to ensure consistency in shape and functionality.

Archforms

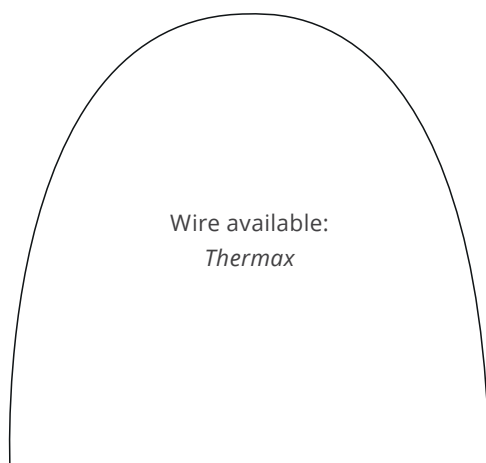
EuroLine™



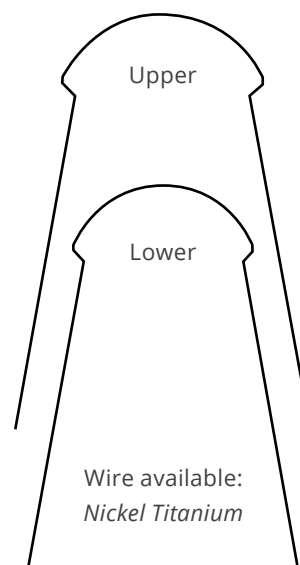
trueline ARCHWIRE



Damon*



Lingual**



*DB Orthodontics Ltd is not affiliated with and does not claim any endorsement byOrmco Corporation or Dr. Dwight Damon.

** Three sizes available. Example shows size 2 - Medium.

Super Elastic Nickel Titanium Archwires

These highly flexible archwires provide a light and continuous force. The quality of material ensures a high resistance to deformation, while the polished surface reduces friction. This enables fewer wire changes and longer intervals between appointments. DB Super Elastic Nickel Titanium archwires are perfect for the early stages of treatment including aligning, rotating and levelling. Sold in packs of 10.



EuroLine

Round	Upper	Lower
.012"	DB01-012U	DB01-012L
.014"	DB01-014U	DB01-014L
.016"	DB01-016U	DB01-016L
.018"	DB01-018U	DB01-018L
.020"	DB01-020U	DB01-020L

Rectangular	Upper	Lower
.016" x .016"	DB01-1616U	DB01-1616L
.016" x .022"	DB01-1725U	DB01-1725L
.017" x .025"	DB01-1825U	DB01-1825L
.018" x .025"	DB01-1925U	DB01-1925L
.019" x .025"	DB01-2020U	DB01-2020L
.021" x .025"	DB01-2125U	DB01-2125L

TrueLine

Round	Upper	Lower
.012"	DB01-TL012U	DB01-TL012L
.014"	DB01-TL014U	DB01-TL014L
.016"	DB01-TL016U	DB01-TL016L
.018"	DB01-TL018U	DB01-TL018L
.020"	DB01-TL020U	DB01-TL020L

Rectangular	Upper	Lower
.016" x .016"	-	-
.016" x .022"	DB01-TL1622U	DB01-TL1622L
.017" x .025"	DB01-TL1725U	DB01-TL1725L
.018" x .025"	DB01-TL1825U	DB01-TL1825L
.019" x .025"	DB01-TL1925U	DB01-TL1925L
.021" x .025"	DB01-TL2125U	DB01-TL2125L



Super Elastic Nickel Titanium on a Reel

Economical delivery of our high quality super elastic nickel titanium wire. Straightened and wound on a 15ft reel.

Size	Code
.012"	DB01-112R
.014"	DB01-114R
.016"	DB01-116R
.018"	DB01-118R

Reverse Curve Nickel Titanium Archwires

DB Reverse Curve archwires are manufactured using the same high quality material as our Super Elastic Nickel Titanium archwires. This ensures light and continuous forces, high resistance to deformation, and low friction. DB Reverse Curve archwires can be used to open or close the patient's bite, retract flared or protruding incisors, and prevent unwanted tooth movement while preserving the arch form. Sold in packs of 10.



Rectangular	Upper	Lower
.016" x .022"	DB51-1622U	DB51-1622L
.017" x .025"	DB51-1725U	DB51-1725L
.018" x .025"	DB51-1825U	DB51-1825L
.019" x .025"	DB51-1925U	DB51-1925L

Round	Upper	Lower
.014"	DB51-0014U	DB51-0014L
.016"	DB51-0016U	DB51-0016L
.018"	DB51-0018U	DB51-0018L

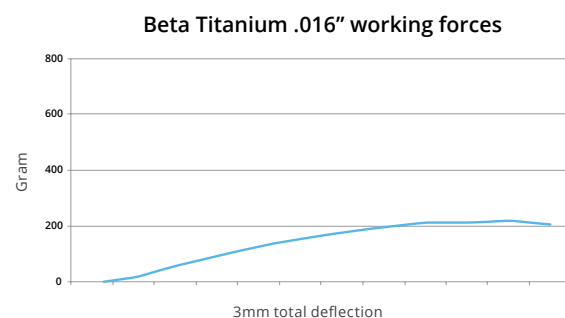
Beta Titanium Archwires

DB Beta Titanium archwires offer a medium force, approximately 40% higher than nickel titanium but 42% lower than stainless steel. This enables earlier use of larger wire sizes which increases treatment efficiency. DB Beta Titanium archwires have a moderate elastic modulus which allows for intricate loops and bends. These wires are nickel-free. Sold in packs of 10.



Rectangular	Upper	Lower
.016" x .022"	DB23-1622U	DB23-1622L
.017" x .025"	DB23-1725U	DB23-1725L
.018" x .025"	DB23-1825U	DB23-1825L
.019" x .025"	DB23-1925U	DB23-1925L
.021" x .025"	DB23-2125U	DB23-2125L

Round	Upper	Lower
.016"	DB23-0016U	DB23-0016L
.018"	DB23-0018U	DB23-0018L



Stainless Steel Archwires

These archwires are made from 304V medical grade stainless steel. The gold tone finish provides a higher tensile strength than standard stainless steel wires. This ensures excellent strength and resistance to breakage. The highly polished surface reduces friction between wire and bracket.

Round - Sold in packs of 100.

Rectangular – Sold in packs of 10.



EuroLine

Round	Upper	Lower
.012"	DB02-0012U	DB02-0012L
.014"	DB02-0014U	DB02-0014L
.016"	DB02-0016U	DB02-0016L
.018"	DB02-0018U	DB02-0018L
.020"	DB02-0020U	DB02-0020L

Rectangular	Upper	Lower
.016" x .016"	DB02-1616U	DB02-1616L
.016" x .022"	DB02-1725U	DB02-1725L
.017" x .025"	DB02-1825U	DB02-1825L
.018" x .025"	DB02-1925U	DB02-1925L
.019" x .025"	DB02-2020U	DB02-2020L
.021" x .025"	DB02-2125U	DB02-2125L

TrueLine

Round	Upper	Lower
.012"	-	-
.014"	DB02-TL0014U	DB02-TL0014L
.016"	DB02-TL0016U	DB02-TL0016L
.018"	DB02-TL0018U	DB02-TL0018L
.020"	-	-

Rectangular	Upper	Lower
.016" x .016"	-	-
.016" x .022"	DB02-TL1622U	DB02-TL1622L
.017" x .025"	DB02-TL1725U	DB02-TL1725L
.018" x .025"	DB02-TL1825U	DB02-TL1825L
.019" x .025"	DB02-TL1925U	DB02-TL1925L
.021" x .025"	DB02-TL2125U	DB02-TL2125L



Archwire Holder

Keeps your work area organised. Stores 12 separate sizes of archwire.

Hinged clear lid keeps arches clean. Durable and crystal clear acrylic construction.

DB04-0008

Orthogap Disposable Markers

Specially designed thick red wax tip provides an ideal way of marking any wire.

Markers sold in packs of 100.

DB04-0110



Thermal Nickel Titanium Archwires

DB Thermal Nickel Titanium archwires are advanced heat activated wires with superior memory properties. The martensitic properties mean that these soft wires are easily bent outside the mouth and during insertion. Once the wire reaches body temperature, the shape memory and super elastic properties are activated, resulting in a light and continuous force. This enables the use of larger wires earlier in treatment, with less patient discomfort. The highly polished surface reduces friction between wire and bracket. Sold in packs of 10.



Rectangular	Upper	Lower
.016" x .016"	DB21-1616U	DB21-1616L
.016" x .022"	DB21-1622U	DB21-1622L
.017" x .025"	DB21-1725U	DB21-1725L
.018" x .025"	DB21-1825U	DB21-1825L
.019" x .025"	DB21-1925U	DB21-1925L
.020" x .020"	DB21-2020U	DB21-2020L
.021" x .025"	DB21-2125U	DB21-2125L

Round	Upper	Lower
.012"	DB21-012U	DB21-012L
.014"	DB21-014U	DB21-014L
.016"	DB21-016U	DB21-016L
.018"	DB21-018U	DB21-018L
.020"	DB21-020U	DB21-020L



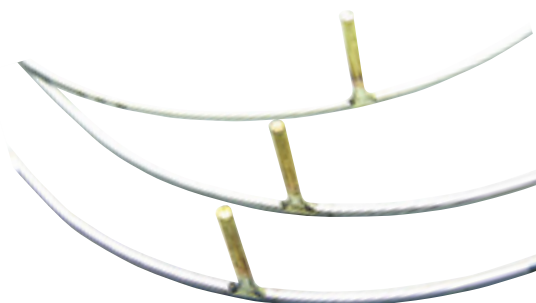
Stainless Steel Posted Archwires

Brass posts are fixed in place, eliminating the need to place and secure crimpable hooks. Posts are useful during the retraction and space closing phases, as well as providing an option for attaching headgear, elastics and springs. The strongest possible solder joint has been used to ensure the posts remain firmly attached to the archwire. DB Stainless Steel Posted archwires are made from 304V medical grade stainless steel to ensure strength and resistance to breakage. The highly polished surface reduces friction between wire and bracket.

Lower post positions: 24, 26, 28, 30mm

Upper post positions: 32, 34, 36, 38, 40, 42mm

Sold in packs of 10.



Rectangular	Upper	Lower
.016" x .022"	DB02-622UP*	DB02-622LP*
.018" x .025"	DB02-825UP*	DB02-825LP*
.019" x .025"	DB02-925UP*	DB02-925LP*

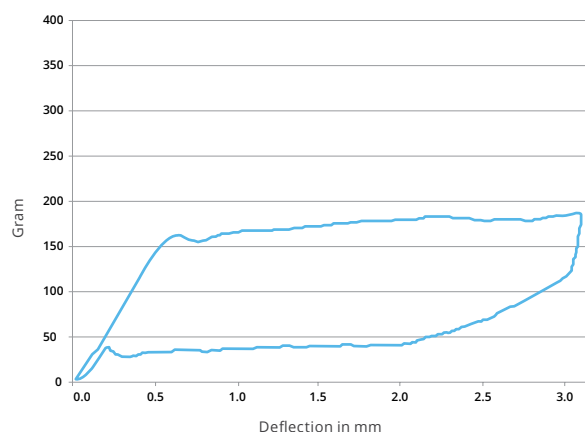
*Add post positions after UP/LP, e.g. DB02-622UP24.



Thermax Archwires

These innovative low force thermal nickel titanium archwires feature a unique alloy processing technique which offers true advantages over conventional archwires:

- Force activation occurs at 27-32°C with consistent results
- Allows engagement of a larger wire earlier in treatment
- May eliminate the need for smaller round or multi strand rectangular wire
- Available in EuroLine or Damon archforms*
- .014 wires are ideal for light aligning especially in crowded cases
- Sold in packs of 10



Euro Arch	Upper	Lower
.012"	DB12-0012U	DB12-0012L
.014"	DB12-0014U	DB12-0014L
.016"	DB12-0016U	DB12-0016L
.018"	DB12-0018U	DB12-0018L
.020"	DB12-0020U	DB12-0020L
.014" x .025"	DB12-1425U	DB12-1425L
.016" x .016"	DB12-1616U	DB12-1616L
.016" x .022"	DB12-1622U	DB12-1622L
.016" x .025"	DB12-1625U	DB12-1625L
.017" x .025"	DB12-1725U	DB12-1725L
.018" x .018"	DB12-1818U	DB12-1818L
.018" x .025"	DB12-1825U	DB12-1825L
.019" x .025"	DB12-1925U	DB12-1925L
.020" x .020"	DB12-2020U	DB12-2020L
.021" x .025"	DB12-2125U	DB12-2125L

Damon Arch	Dimpled	Etched
.014"	DB12-0014DD	DB12-0014D
.016"	DB12-0016DD	DB12-0016D
.018"	DB12-0018DD	DB12-0018D
.014" x .025"	DB12-1425DD	DB12-1425D
.016" x .016"	-	DB12-1616D
.016" x .022"	DB12-1622DD	-
.016" x .025"	DB12-1625DD	DB12-1625D
.018" x .018"	-	DB12-1818D
.018" x .025"	DB12-1825DD	DB12-1825D
.019" x .025"	-	DB12-1925D
.020" x .020"	DB12-2020DD	DB12-2020D

*DB Orthodontics Ltd is not affiliated with and does not claim any endorsement byOrmco Corporation or Dr. Dwight Damon.



DB Micro-Coated Aesthetic archwires provided the optimum cosmetic appearance. The wires are only coated on the labial surface, reducing friction and improving sliding mechanics compared to fully coated archwires. The PTFE coating is just .0005", so a true archwire size is achieved. The coating is resistant to staining and cracking, even if the archwire shape is changed.

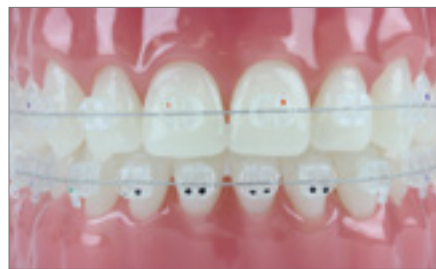
All DB Micro-Coated Aesthetic archwires are individually packed and sealed in an autoclavable pack to protect your patients from cross contamination.

Sold in packs of 10.

Nickel Titanium

Round	Upper	Lower
.012"	DB74-0012U	DB74-0012L
.014"	DB74-0014U	DB74-0014L
.016"	DB74-0016U	DB74-0016L
.018"	DB74-0018U	DB74-0018L
.020"	DB74-0020U	DB74-0020L

Rectangular	Upper	Lower
.016" x .016"	DB74-1616U	DB74-1616L
.016" x .022"	DB74-1622U	DB74-1622L
.017" x .025"	DB74-1725U	DB74-1725L
.018" x .025"	DB74-1825U	DB74-1825L
.019" x .025"	DB74-1925U	DB74-1925L
.021" x .025"	DB74-2125U	DB74-2125L



Stainless Steel

Round	Upper	Lower
.012"	DB75-0012U	DB75-0012L
.014"	DB75-0014U	DB75-0014L
.016"	DB75-0016U	DB75-0016L
.018"	DB75-0018U	DB75-0018L
.020"	DB75-0020U	DB75-0020L

Rectangular	Upper	Lower
.016" x .016"	DB75-1616U	DB75-1616L
.016" x .022"	DB75-1622U	DB75-1622L
.017" x .025"	DB75-1725U	DB75-1725L
.018" x .025"	DB75-1825U	DB75-1825L
.019" x .025"	DB75-1925U	DB75-1925L
.021" x .025"	DB75-2125U	DB75-2125L

Thermal

Round	Upper	Lower
.014"	DB76-0014U	DB76-0014L
.016"	DB76-0016U	DB76-0016L
.018"	DB76-0018U	DB76-0018L
.020"	DB76-0020U	DB76-0020L

Rectangular	Upper	Lower
.016" x .016"	DB76-1616U	DB76-1616L
.016" x .022"	DB76-1622U	DB76-1622L
.017" x .025"	DB76-1725U	DB76-1725L
.018" x .025"	DB76-1825U	DB76-1825L
.019" x .025"	DB76-1925U	DB76-1925L
.021" x .025"	DB76-2125U	DB76-2125L



These wires feature a unique surface treatment which causes light to be refracted by the wire. This results in an archwire which perfectly blends in with the teeth for optimum aesthetics.

The patent pending technology means that the surface of the wire will not chip, crack or stain, allowing your patients to enjoy a truly aesthetic treatment.

Ilusio Aesthetic Archwires remain the true size of the wire, unlike traditional fully coated archwires. Force properties and functionality of the material remain unaffected by the surface treatment.

Sold in packs of 10.



Nickel Titanium

Round	Upper	Lower
.012"	DB60-012U	DB60-012L
.014"	DB60-014U	DB60-014L
.016"	DB60-016U	DB60-016L
.018"	DB60-018U	DB60-018L
.020"	DB60-020U	DB60-020L

Square	Upper	Lower
.016" x .016"	DB60-1616U	DB60-1616L
.018" x .018"	DB60-1818U	DB60-1818L

Rectangular	Upper	Lower
.016" x .022"	DB60-1622U	DB60-1622L
.017" x .025"	DB60-1725U	DB60-1725L
.018" x .025"	DB60-1825U	DB60-1825L
.019" x .025"	DB60-1925U	DB60-1925L
.021" x .025"	DB60-2125U	DB60-2125L

Stainless Steel

Round	Upper	Lower
.012"	DB61-012U	DB60-012L
.014"	DB61-014U	DB60-014L
.016"	DB61-016U	DB60-016L
.018"	DB61-018U	DB60-018L
.020"	DB61-020U	DB60-020L

Square	Upper	Lower
.016" x .016"	DB61-1616U	DB61-1616L
.018" x .018"	DB61-1818U	DB61-1818L

Rectangular	Upper	Lower
.016" x .022"	DB61-1622U	DB61-1622L
.017" x .025"	DB61-1725U	DB61-1725L
.018" x .025"	DB61-1825U	DB61-1825L
.019" x .025"	DB61-1925U	DB61-1925L
.021" x .025"	DB61-2125U	DB61-2125L

A.J. Wilcock® Australian Wire

Although Australian wire has been imitated by many manufacturers over the years, A.J. Wilcock Scientific and Engineering remains the global market leader in high tensile stainless steel archwires.

For over 50 years, "Australian Wire" has been a household name in orthodontics. The extraordinary properties of these wires are due to the research and fine engineering skills employed in the processing of the wires. Wilcock wires are well known for their resilience and ability to withstand masticatory forces as well as being able to maintain their shape even when auxiliaries and elastics are used. There is no other wire which opens the bite as effectively as Wilcock wire.



The Regular and Regular Plus are easily formed and are excellent wires for general use and utility wire. The Special and Special Plus wires are ideal for bite opening and where high resilience is required.

Australian Wire - Regular Grade

	25ft Coil	10" Lengths*
.012"	DB02-229-000	-
.014"	DB02-230-100	DB02-230-101
.016"	DB02-231-300	DB02-231-301
.018"	DB02-232-400	DB02-232-401
.020"	DB02-233-500	DB02-233-501

Australian Wire - Regular Plus Grade

	25ft Coil	10" Lengths*
.014"	DB02-230-110	DB02-230-111
.016"	DB02-231-310	DB02-231-311
.018"	DB02-232-410	DB02-232-411
.020"	DB02-233-510	DB02-233-511

Australian Wire - Special Grade

	25ft Coil	10" Lengths*
.014"	DB02-230-120	DB02-230-121
.016"	DB02-231-320	DB02-231-321
.018"	DB02-232-420	DB02-232-421
.020"	DB02-233-520	DB02-233-521

Australian Wire - Special Plus Grade

	25ft Coil	10" Lengths*
.014"	DB02-230-130	DB02-230-131
.016"	DB02-231-330	DB02-231-331
.018"	DB02-232-430	DB02-232-431
.020"	DB02-233-530	DB02-233-531

*The 10" lengths are supplied in packs of 30.

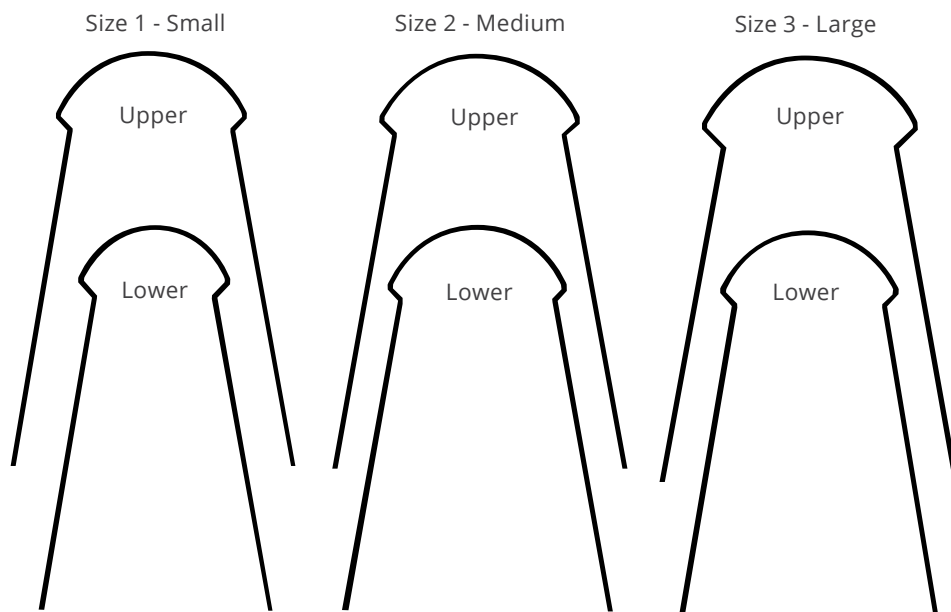


Other AJ Wilcocks wires and springs
- available on request.



DB Lingual Archforms

DB Lingual archwires are available in three sizes, all of which feature the 'mushroom shape' lingual archform. This ensures an accurate fit for all lingual anatomies with minimal wire bending. Sold in packs of 2.



Span of anterior segment

Size	Upper	Lower
Size 1	32mm	27mm
Size 2	33.5mm	30mm
Size 3	36mm	31mm



Contact us for your free lingual wire template in order to determine the correct wire size for each patient.

Nickel Titanium

Available in .010", .013", .014", .016"

Size		Upper	Lower
Size 1	.010"	DB13-S1/010U	DB13-S1/010L
Size 1	.013"	DB13-S1/013U	DB13-S1/013L
Size 1	.016"	DB13-S1/016U	DB13-S1/016L

Size		Upper	Lower
Size 2	.010"	DB13-S2/010U	DB13-S2/010L
Size 2	.013"	DB13-S2/013U	DB13-S2/013L
Size 2	.016"	DB13-S2/016U	DB13-S2/016L

Size		Upper	Lower
Size 3	.010"	DB13-S3/010U	DB13-S3/010L
Size 3	.013"	DB13-S3/013U	DB13-S3/013L
Size 3	.016"	DB13-S3/016U	DB13-S3/016L

Braided Archwires

Lower force than solid stainless steel archwires.
Sold in packs of 10.

.016" x .022"	DB62-1622
.017" x .025"	DB62-1725
.019" x .025"	DB62-1925
.021" x .025"	DB62-2125



Co-Ax Stainless Steel on a Spool

This Co-Ax design of five wires wrapped tightly around a single core wire produces a resilient wire that is suitable for the initial arch stage of treatment.
Sold on 30ft spool.

.0155	DB62-0155
.0175	DB62-0175

NiTi Open Coil Spring on a Spool

For opening and closing spaces with a gentle and constant force. Cut to length required, fits over any archwire. Sold on 15" spool.

Light .009" x .030"	DB41-0930
Medium .010" x .036"	DB41-1036
Heavy .012" x .036"	DB41-1236



NiTi Closed Coil Springs on a Spool

Cut to length required, fits over any archwire.
Sold on 15" Spool.

Light .009" x .030"	DB41-0930C
Medium .010" x .036"	DB41-1036C

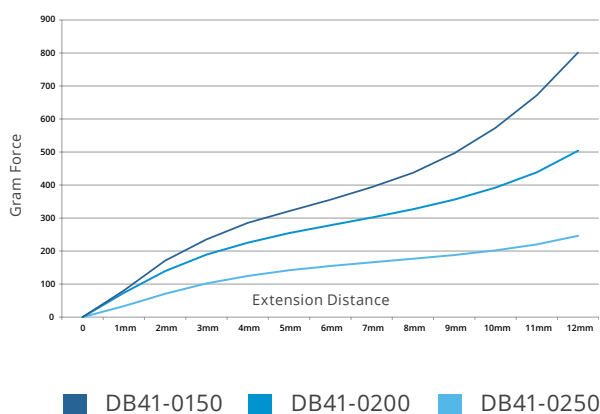
NiTi Preformed Springs

Nickel Titanium Preformed Springs close or open spaces at a level which is unapproachable with stainless steel springs. Sold in packs of 10.

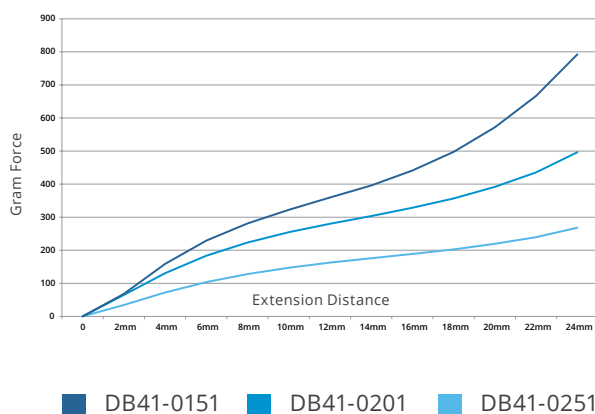
Force	9mm	12mm
Light 150g	DB41-0150	DB41-0151
Medium 200g	DB41-0200	DB41-0201
Heavy 250g	DB41-0250	DB41-0251



Nickel Titanium Extension Springs with Ends: 9MM



Nickel Titanium Extension Springs with Ends: 12MM



Stainless Steel Coil Springs

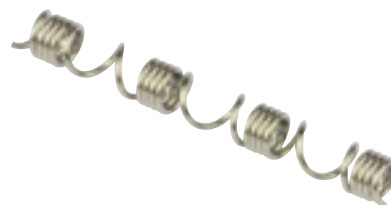
Stainless steel coil springs are precision wound in two styles - open and closed. Wire diameter .010 (.25mm) x .030 (.76mm), Sold on 3ft spool.

Closed	DB02-1030C
Open	DB02-1030

NiTi Molar Distalizing Spring

Distalize molars without headgear or lip bumper. Fits over any size archwire. .010 x .045 open/wound. Sold in packs of 3 x 7" lengths.

DB41-1045

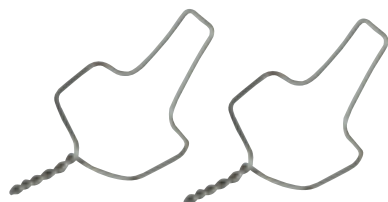


Preformed Ligatures

Sold in packs of 1000.

.008" **DB02-008LIG**

.010" **DB02-010LIG**



Pre-cut Short Ligatures

Sold in packs of 1000.

.008" **DB02-108LIG**

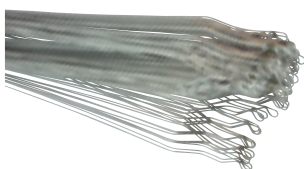
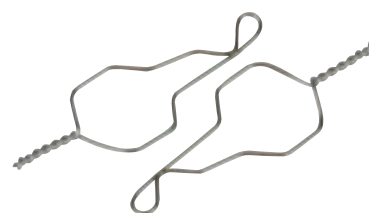
.010" **DB02-110LIG**

Pre-cut Kobayashi Short Ligatures

Sold in packs of 100.

.012" **DB02-112LIG**

.014" **DB02-114LIG**



Preformed Kobayashi Ligatures

Sold in packs of 100.

.012" **DB02-012LIG**

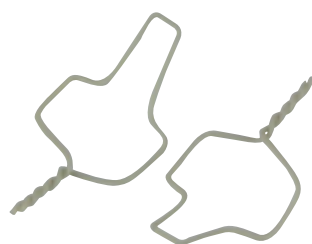
.014" **DB02-014LIG**

Preformed Coated Ligatures

Durable coating.

.012" Sold in packs of 100.

DB02-0212LIG



Pre-cut Short Coated Ligatures

Durable coating.

.012" Sold in packs of 100.

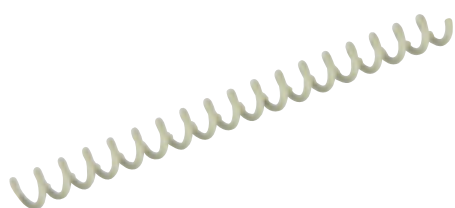
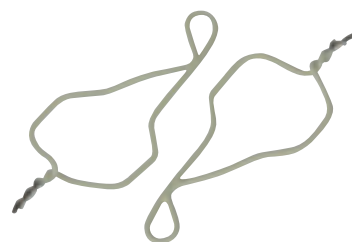
DB02-0312LIG

Pre-cut Coated Kobayashi Ligatures

Durable coating.

.012" Sold in packs of 100.

DB02-0313LIG



Coated NiTi Open Coil Spring

Durable coating.

Medium .010" x .036". Sold on a 15" Spool

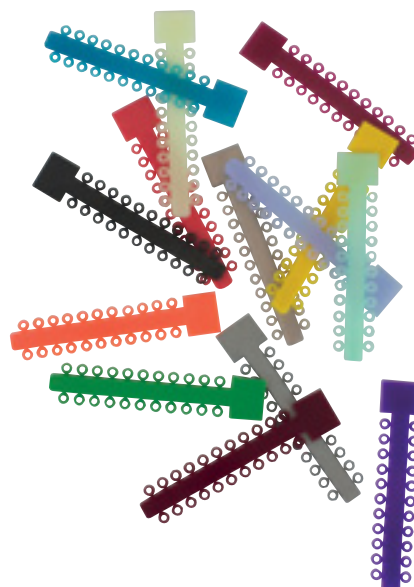
DB42-1036

DB Elastomeric Ligatures

Excellent stretch and rebound that will not take set.
Available in bright and vibrant colours.

Individual patient ties help eliminate
cross-contamination.

Packaged in bags of 45 sticks for a total of 990 ties.
All DB elastomeric ligatures are latex free. Size .0120".



	Amethyst	DB03-0096		Glow Blue	DB03-0056		Navy Blue	DB03-0091
	Aqua	DB03-0065		Glow Green	DB03-0057		Orange	DB03-0062
	Azure	DB03-0066		Glow Orange	DB03-0105		Orchid	DB03-0118
	Blue	DB03-0059		Glow Purple	DB03-0106		Pearl	DB03-0101
	Black	DB03-0060		Glow Red	DB03-0107		Pearl Blue	DB03-0102
	Bulldozer Yellow	DB03-0047		Hot Pink	DB03-0055		Pearl Green	DB03-0103
	Champagne	DB03-0119		Jade	DB03-0097		Purple	DB03-0063
	Clear	DB03-0052		Jelly Blue	DB03-0108		Red	DB03-0058
	Cobalt Blue	DB03-0074		Jelly Green	DB03-0109		Sapphire	DB03-0098
	Copper	DB03-0067		Jelly Purple	DB03-0110		Silver	DB03-0051
	Dark Green	DB03-0076		Jelly Red	DB03-0111		Sky Blue	DB03-0104
	Dark Grey	DB03-0075		Jelly Yellow	DB03-0112		Spring Green	DB03-0092
	Emerald Green	DB03-0077		Lavender	DB03-0080		Teal	DB03-0094
	Fire Engine Red	DB03-0048		Light Blue	DB03-0081		Tooth	DB03-0053
	Fluorescent Green	DB03-0114		Light Green	DB03-0082		Violet	DB03-0095
	Fluorescent Orange	DB03-0116		Light Pink	DB03-0083		White	DB03-0068
	Fluorescent Pink	DB03-0117		Light Yellow	DB03-0084		Yellow	DB03-0064
	Fluorescent Red	DB03-0113		Maroon	DB03-0071		Mixed Pkt.	DB03-0073
	Fluorescent Yellow	DB03-0115		Metallic Black	DB03-0085			
	Fuchsia	DB03-0078		Metallic Blue	DB03-0086			
	Green	DB03-0061		Metallic Green	DB03-0088			
	Light Grey	DB03-0079		Metallic Ocean	DB03-0070			
	Gold	DB03-0089		Metallic Purple	DB03-0087			
	Glow	DB03-0054		Metallic Red	DB03-0090			

DB Elastomeric Ligature Kit

Ligature kits contain a variety of different colours and are available in 3 sizes. Kit also includes free laminated Patient Selector Card.

Colours included in kit: Aqua, Azure, Black, Blue, Clear, Hot Pink, Jelly Plum, Lavender, Light Green, Light Pink, Metallic Ocean, Orange, Purple, Red, Sapphire, Silver, Sky Blue, Tooth, Yellow and White.



Starter Kit (4400 Ligatures)	DB03-S/Kit
Introductory Kit (8800 Ligatures)	DB03-I/Kit
Master Kit (17600 Ligatures)	DB03-M/Kit
Empty Kit box (30 x 16.5 x 4.5cm)	DB03-L/Box



Silicone Infused Ligatures & Chain

Highly resistant to staining. Super smooth resulting in easy ligation. Low friction. Excellent stretch and rebound. Perfect match for ceramic brackets. Ligatures sold in packs of 45 sticks (990 ties). Chain sold on a 15ft reel.

Ligatures	DB03-0120
Closed Chain	DB03-0121
Open Chain	DB03-0122
Open Medium Chain	DB03-0123
Open Long Chain	DB03-0124

Elast-O-Loop ligatures

Ideal for use with lingual ortho brackets.
Size .095", silver. Sold in packs of 1008.

DB03-0040




























Lingual Chain

Special .015" thickness is perfect for lingual treatment self ligating brackets and overall patient comfort. Reduced thickness allows for easy placement and piggybacking over other appliances. Sold on a 15ft reel.

Closed Chain	DB03-0041
Open Chain	DB03-0042
Open Long Chain	DB03-0043

Coloured Chain

Available in a range of vibrant colours. High elasticity and excellent rebound. Fade resistant, medical grade polyurethane. Sold on a 15ft reel.

		Closed	Open	Open Medium	Open Long	
	Aqua	DB03-0300	DB03-0200	DB03-0400	DB03-0500	 Closed Chain
	Azure	DB03-0301	DB03-0201	DB03-0401	DB03-0501	
	Black	DB03-0303	DB03-0203	DB03-0403	DB03-0503	
	Blue	DB03-0302	DB03-0202	DB03-0402	DB03-0502	 Open Chain
	Clear	DB03-0011	DB03-0205	DB03-0013	DB03-0015	
	Cobalt Blue	DB03-0306	DB03-0206	DB03-0406	DB03-0506	
	Fuchsia	DB03-0310	DB03-0210	DB03-0410	DB03-0510	 Open Medium Chain
	Hot Pink	DB03-0319	DB03-0219	DB03-0419	DB03-0519	
	Lavender	DB03-0320	DB03-0220	DB03-0420	DB03-0520	
	Light Pink	DB03-0323	DB03-0223	DB03-0423	DB03-0523	 Long Open Chain
	Navy Blue	DB03-0333	DB03-0233	DB03-0433	DB03-0533	
	Orange	DB03-0334	DB03-0234	DB03-0434	DB03-0534	
	Purple	DB03-0335	DB03-0235	DB03-0435	DB03-0535	
	Red	DB03-0336	DB03-0236	DB03-0436	DB03-0536	
	Silver	DB03-0010	DB03-0237	DB03-0012	DB03-0014	
	Sky Blue	DB03-0339	DB03-0239	DB03-0439	DB03-0539	
	Spring Green	DB03-0338	DB03-0238	DB03-0438	DB03-0538	
	Tooth	DB03-0342	DB03-0242	DB03-0442	DB03-0542	
	Violet	DB03-0343	DB03-0243	DB03-0443	DB03-0543	
	White	DB03-0344	DB03-0244	DB03-0444	DB03-0544	
	Yellow	DB03-0345	DB03-0245	DB03-0445	DB03-0545	

Premium Plus Clear Chain

Force is maintained over longer periods than with standard chains. Premium Plus Chain is thinner than other chains. The .018 to .020 thickness provides ample clearance when tying the chain on top of the bracket ligature ties and piggybacking with other forces systems. Premium Plus Chain is clear and highly resistant to staining; available in Closed, Open and Open Long. Sold on a unique colour coded 15ft reel for easy identification.



Closed Blue Reel	DB03-0044
Open Yellow Reel	DB03-0045
Open Long Red Reel	DB03-0046



range of elastomeric ligatures and chain.

Patients will love the selection of bright colours and nurses will love the easy to hold patient sticks. Orthodontists will enjoy elastomerics developed to enable easy regular and figure of 8 ligation and optimal force chain. Ligatures are packaged in boxes of 40 patient sticks of 26 ligatures totalling 1040 ties. Chain available in closed, open and open long on a 15ft spool.

	Elastic Ligatures	Closed Chain	Open Chain	Open Long Chain
	Red	DB03-3000	DB03-3100	DB03-3200
	Orange	DB03-3001	DB03-3101	DB03-3201
	Silver	DB03-3002	DB03-3102	DB03-3202
	Neon Pink	DB03-3003	DB03-3103	DB03-3203
	Pink	DB03-3004	DB03-3104	DB03-3204
	Baby Pink	DB03-3005	DB03-3105	DB03-3205
	Deep Pink	DB03-3006	DB03-3106	DB03-3206
	Lavender	DB03-3007	DB03-3107	DB03-3207
	Neon Green	DB03-3008	DB03-3108	DB03-3208
	Purple	DB03-3009	DB03-3109	DB03-3209
	Baby Blue	DB03-3010	-	-
	Black	DB03-3011	DB03-3111	DB03-3211
	Metallic Blue	DB03-3012	DB03-3112	DB03-3212
	Navy Blue	DB03-3013	DB03-3113	DB03-3213
	Blue	DB03-3014	DB03-3114	DB03-3214
	Metallic Purple	DB03-3015	-	-
	White	DB03-3016	DB03-3116	DB03-3216
	Clear	DB03-3017	DB03-3117	DB03-3217
	Cyan	DB03-3018	DB03-3118	DB03-3218
	Turquoise	DB03-3019	DB03-3119	DB03-3219
	Lilac	DB03-3020	DB03-3120	DB03-3220
	Green	DB03-3021	-	-
	Racing Green	DB03-3022	-	-
	Aubergine	DB03-3023	-	-
	Sky Blue	DB03-3024	-	-
	Ice White	DB03-3025	-	-
	Mixed pack	DB03-3026	-	-
	Yellow	DB03-3027	DB03-3121	DB03-3221
	Gold	DB03-3028	DB03-3122	DB03-3222

Colour Boutique Ligatures Kit

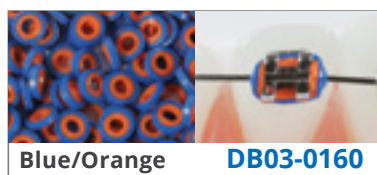
This colourful kit contains 20 of our most popular ligature colours, consisting of 10400 ligatures in total. Colours included: Red, Orange, Silver, Neon Pink, Pink, Baby Pink, Deep Pink, Lavender, Deep Pink, Lavender, Neon Green, Purple, Baby Blue, Metallic Blue, Navy Blue, Blue, Clear, Cyan, Turquoise, Lilac, Racing Green, Sky Blue.

DB03-3050



DUORINGS™

Exclusive to DB Orthodontics, these two tone elastomeric ligature ties are available loose or on canes. Latex free. Sold in packs of 1000.



Blue/Orange **DB03-0160**



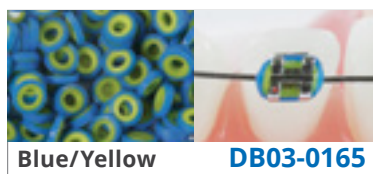
Blue/White **DB03-0164**



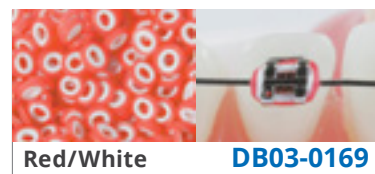
Light pink/Orchid **DB03-0168**



Azure/Hot pink **DB03-0161**



Blue/Yellow **DB03-0165**



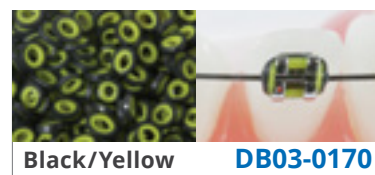
Red/White **DB03-0169**



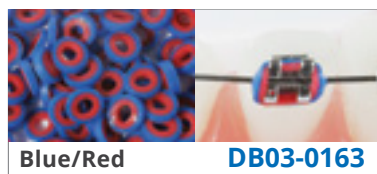
Black/Silver **DB03-0162**



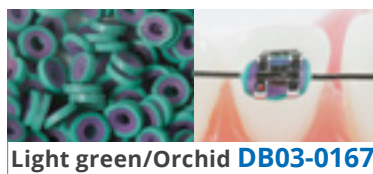
Evergreen/White **DB03-0166**



Black/Yellow **DB03-0170**



Blue/Red **DB03-0163**



Light green/Orchid **DB03-0167**

For canes add 'C' to the end of the catalogue number.

Starter Kit

Contains 500 of each of the following colours; azure/hot pink, red/white, green/orchid, black/yellow, blue/red, pink/orchid, blue/yellow, green/white. Includes patient selector card. **Only available for loose ligatures.**

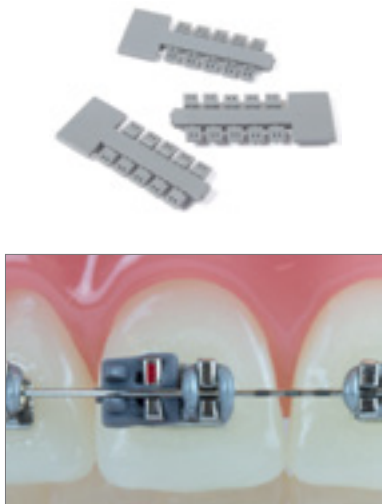
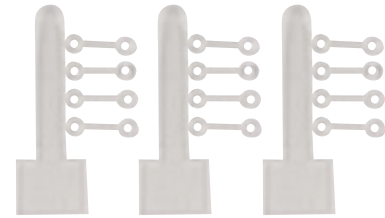
DB03-0158



Link Modules

Excellent for rotating individual teeth and connecting bracket hooks. Provide continuous gentle forces. Clear in packages of 100 modules. Sizes: 4.3mm, 6.0mm, 8.5mm, 11.5mm.

Assorted	DB03-0031
4.3mm	DB03-0032
6.0mm	DB03-0033
8.5mm	DB03-0034
11.5mm	DB03-0035



Rotation Wedges

The revolutionary design makes tooth rotation easier and faster. The unique wedge shape design provides complete contact with the tooth surface, allowing more force to be transmitted to the tooth. 100 wedges per pack.

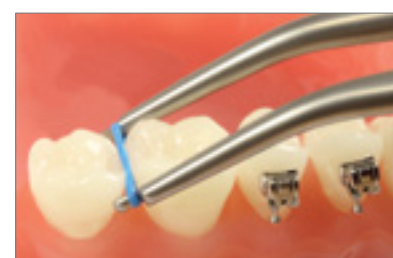
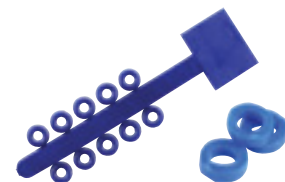
Clear Wedges	DB03-0001
Grey Wedges	DB03-0002



Radiopaque Separators

Easily identified on x-ray. Coloured blue, available on individual patient sticks of 10 or loose. Both sold in packs of 1000.

Loose	DB03-0003
Sticks	DB03-0004



Hollow and Solid Thread

Hollow thread is designed to hold knots by crimping on itself when tied.

Solid thread now has a unique rough surface which helps to secure knots more efficiently.

Sold on a 25ft reel.

	Hollow Thread	Solid Thread
.20" Clear	-	DB03-1120
.20" Grey	-	DB03-0028
.025" Clear	DB03-0125	DB03-1125
.025" Grey	DB03-0025	DB03-0026
.030" Clear	DB03-0130	DB03-1130
.030" Grey	DB03-0030	DB03-0027



Archwire Slewing

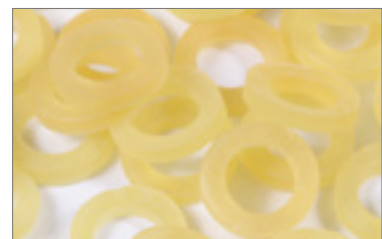
Soft transparent tube that slides over the archwire without snagging. Stain and odour resistant. Sold on a 10ft reel.

.018" Clear	DB03-2000
.027" Clear	DB03-2001
.018" Grey	DB03-2002
.027" Grey	DB03-2003

Extra Oral Latex Elastics

Available in 4 sizes. Sold in packs of 1000.

16oz 1/4"	DB03-2051
16oz 5/16"	DB03-2052
16oz 3/8"	DB03-2053
16oz 1/2"	DB03-2054
14oz 1/2"	DB03-2058













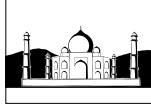








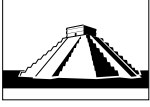

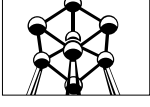



Wonders Of The World

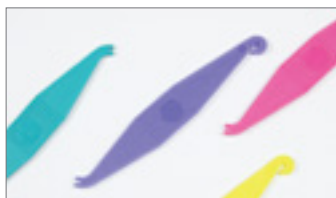
Intra Oral Elastics

- High quality elastomeric materials.
- Delivers constant and accurate force.
- Perfect uniformity and consistent sizing.
- Easy to use identification.
- Crystal clear appearance.
- 50 patient packs of 100 elastics per pack (5000 elastics in total).



**AVAILABLE
IN LATEX &
NON LATEX**

	 1/8"	 3/16"	 1/4"	 5/16"	 3/8"
2.5oz	 Mount Fuji Non Latex 1/8" - DB03-2010 Latex 1/8" - DB03-2100	 Mount Rushmore Non Latex 3/16" - DB03-2011 Latex 3/16" - DB03-2101	 Eiffel Tower Non Latex 1/4" - DB03-2012 Latex 1/4" - DB03-2102	 Stone Henge Non Latex 5/16" - DB03-2013 Latex 5/16" - DB03-2103	 Ayers Rock Non Latex 3/8" - DB03-2014 Latex 3/8" - DB03-2104
3.5oz	 Taj Mahal Non Latex 1/8" - DB03-2020 Latex 1/8" - DB03-2105	 Golden Gate Bridge Non Latex 3/16" - DB03-2021 Latex 3/16" - DB03-2106	 Parthenon Non Latex 1/4" - DB03-2022 Latex 1/4" - DB03-2107	 Colosseum Non Latex 5/16" - DB03-2023 Latex 5/16" - DB03-2108	 Big Ben Non Latex 3/8" - DB03-2024 Latex 3/8" - DB03-2109
4.5oz	 Mount Everest Non Latex 1/8" - DB03-2030 Latex 1/8" - DB03-2110	 Machu Picchu Non Latex 3/16" - DB03-2031 Latex 3/16" - DB03-2111	 Pyramids Non Latex 1/4" - DB03-2032 Latex 1/4" - DB03-2112	 Great Wall Of China Non Latex 5/16" - DB03-2033 Latex 5/16" - DB03-2113	 Chichen Itza Non Latex 3/8" - DB03-2034 Latex 3/8" - DB03-2114
6oz	 Sydney Opera House Non Latex 1/8" - DB03-2040 Latex 1/8" - DB03-2115	 Atomium Brussels Non Latex 3/16" - DB03-2041 Latex 3/16" - DB03-2116	 Statue Of Liberty Non Latex 1/4" - DB03-2042 Latex 1/4" - DB03-2117	 St. Petersburg Non Latex 5/16" - DB03-2043 Latex 5/16" - DB03-2118	 Leaning Tower Of Pisa Non Latex 3/8" - DB03-2044 Latex 3/8" - DB03-2119



Elastic Placers

Helpful device for placing and removing intra-oral elastics. Sold in packs of 100.

DB04-0001

High Pull Headgear

Maximum comfort washable cotton. Sold as each.

Green	●	DB08-0001
Pink	●	DB08-0002
Yellow	●	DB08-0003
Red	●	DB08-0004
Blue	●	DB08-0005
Black	●	DB08-0006



Neck Pads

Maximum comfort washable cotton. Sold as each.

Green	●	DB08-0011
Pink	●	DB08-0012
Yellow	●	DB08-0013
Red	●	DB08-0014
Blue	●	DB08-0015
Black	●	DB08-0016

Safety Release Modules

Safety of the system is provided by the clips which release the spring when traction force is higher than 2 kilos each side. This system reduces the hazard of slingshot rebound of facebow in case of disconnection from headgear tubes. Coil springs are incorporated into the modules to provide constant force. Available in 3 force levels. Sold in packs of 10.

Light Clear 600g	LM0810-01
Medium Yellow 750g	LM0810-02
Heavy Blue 1000g	LM0810-03



Extra Oral Facebows

Long Outer bow 1.80mm (0.7") in diameter with looped inner bow 1.14mm (.045") in diameter. Available with long or short outer bow. Laser welded joint with bright electro polishing for maximum hygiene. Sold as each.

Caution: All Extra Oral Facebows must be used with safety release modules only.

Short Outer Bow 83mm	LM4835-01
Short Outer Bow 90mm	LM4835-02
Short Outer Bow 97mm	LM4835-03
Short Outer Bow 104mm	LM4835-04
Short Outer Bow 111mm	LM4835-05

Long Outer Bow 90mm	LM4805-02
Long Outer Bow 97mm	LM4805-03
Long Outer Bow 104mm	LM4805-04



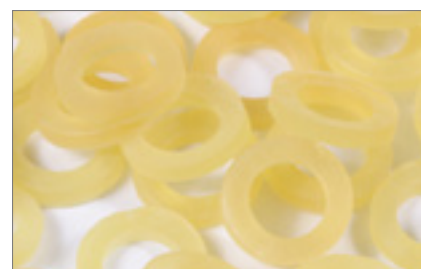
Multi Adjustable Face Mask

Fully adjustable to any patient. Lightweight design. Two replacement pads included.

Blue Face Mask	DB08-0060
Red Face Mask	DB08-0061

Extra oral elastics available in 4 sizes

- see page 58



PHOTOGRAPHY FOCUS

— by DB Orthodontics —



For clinical photographers

All the products in this section are to enable you to create the perfect picture whilst taking clinical photographs.

Intra Oral Mirrors

High resolution intra oral photographs depend on superior reflective mirrors. We offer six styles that give you unparalleled access to all intra oral regions.

These mirrors have a solid chrome coating on 3mm transparent glass - the best choice for photography - providing higher reflectivity for sharper, precise images with 35mm and digital photography.

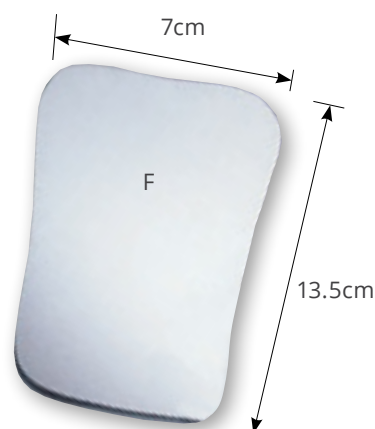
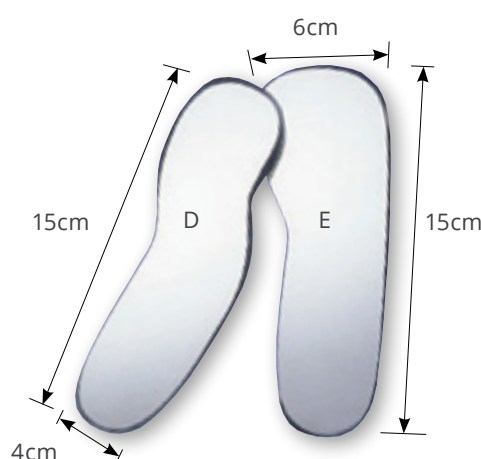
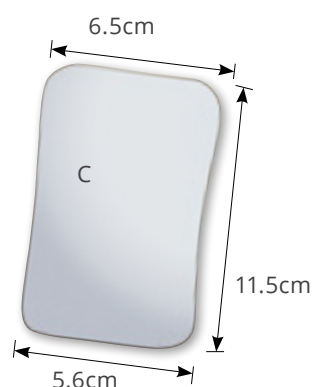
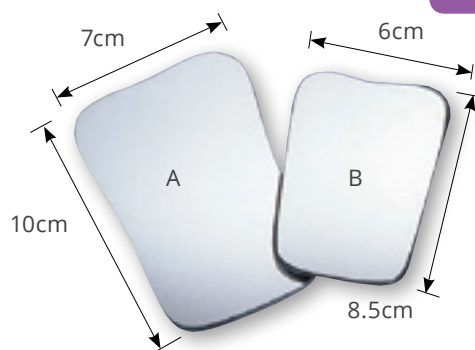
These mirrors withstand repeated steam and autoclave sterilisation. Autoclavable up to 137°C. Sold as each.

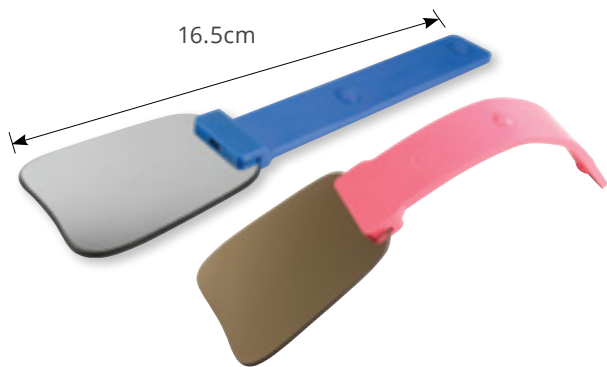


Now supplied
in velvet pouches

**BEST
SELLERS**

A Palatal Adult	DB04-0160
B Palatal Child	DB04-0161
C Palatal Child / Adult	DB04-0161/C
D Buccal	DB04-0162
E Lingual	DB04-0163
F Large Palatal	DB04-0164





Silicone coated mirror handle

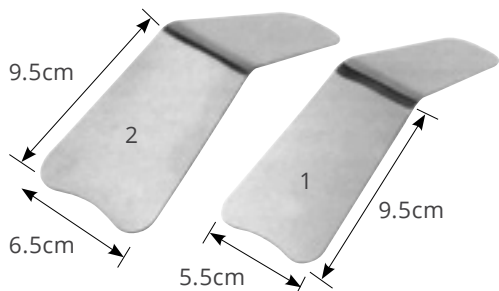
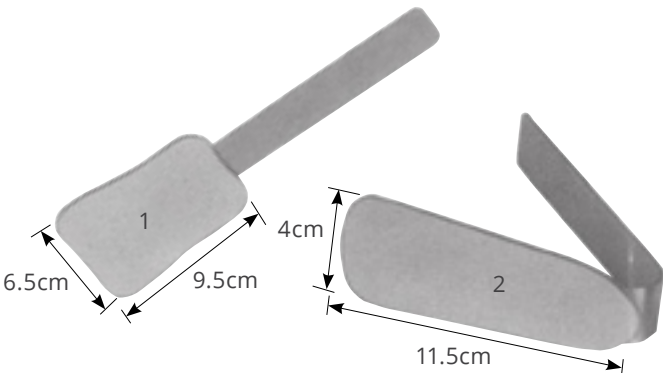
Adjustable mirror handle made from stainless steel, coated in Teflon silicone. Suitable for ultrasonic bath, washer disinfectant and autoclave up to 137°C.

Blue Handle	DB05-0326T
Pink Handle	DB05-0327

Glass Mirrors with Handle

These glass mirrors feature a stainless steel handle for ease of use.
Available in Occlusal (1) and Buccal (2).
Autoclavable up to 137°C. Sold as each.

Occlusal (1)	DB04-0158
Buccal (2)	DB04-0159



Photographic Metallic Blades

Available in 2 sizes. For lingual photos use small (1) for occlusal photos use large (2). Mirror polished effect. Autoclavable up to 137°C. Sold as each.

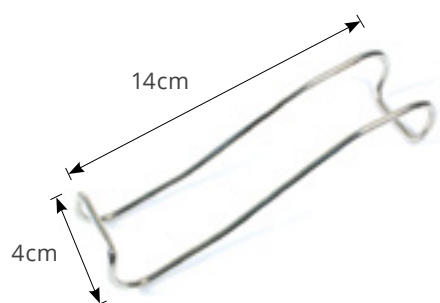
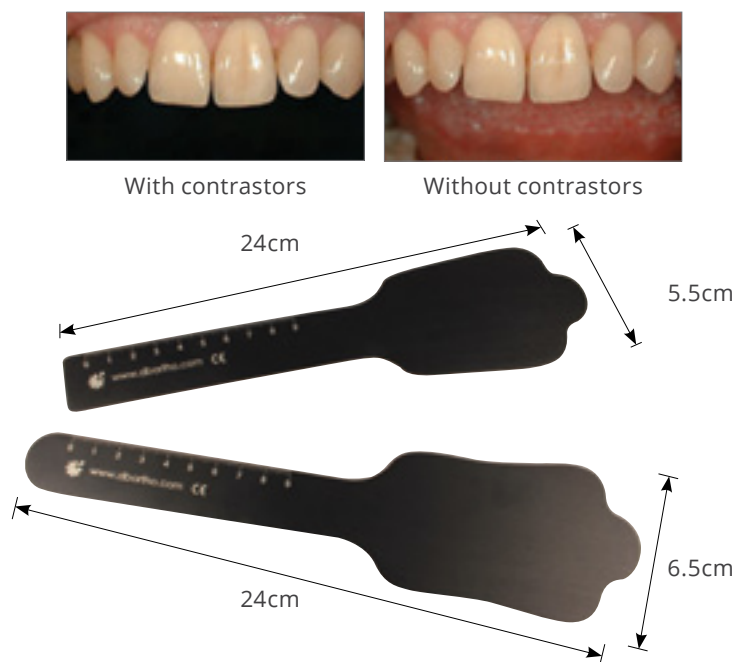
Small (1)	DB04-0165/1
Large (2)	DB04-0165/2

Contrastors

Black anodized aluminium paddles give contrast to your images and eliminate unwanted elements from photographs.

Autoclavable up to 134°C. Sold as a set of 2 pieces: 1 wide and 1 narrow.

DB04-0157



Sternberg Lip Retractors

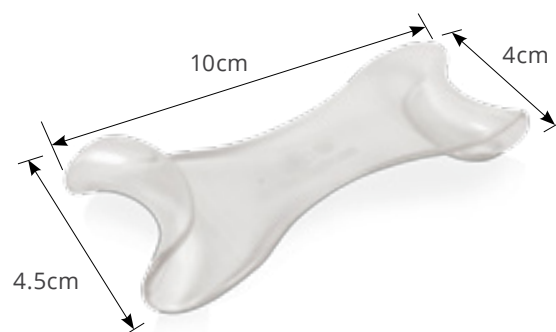
Double ended stainless steel lip retractor. Autoclavable up to 134°C. Sold as each.

DB04-0194

Small Cheek Retractors

Sized for adult and child. Durable plastic design. Autoclavable up to 134°C. Sold in pairs.

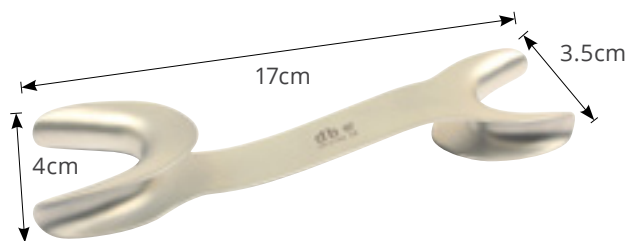
DB04-0183



Stainless Steel Cheek Retractor

Stainless Steel Cheek retractor with satin finish to prevent glare. One large and one small end. Provides excellent visibility of the entire dental arch. Autoclavable up to 137°C. Sold as each.

DB04-0192



Photographs courtesy of Dr. Lars Christensen

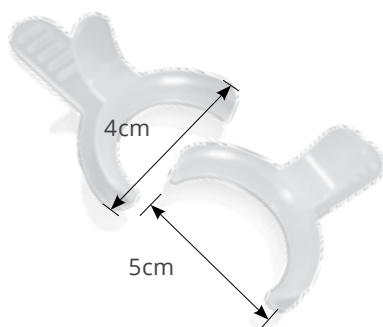


Photo Retractors

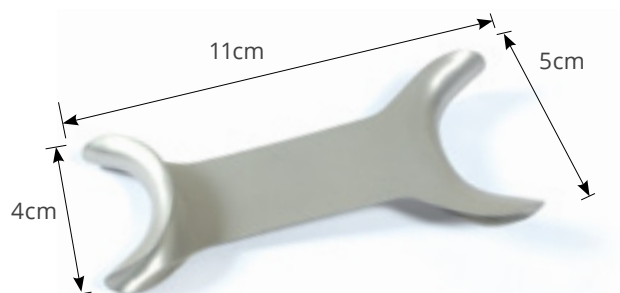
A photo retractor design that provides a buccal extension to hold the lips and cheeks away from the teeth, resulting in improved intra oral photography. Autoclavable up to 137°C. Sold in pairs.

Small	DB04-0176
Large	DB04-0177

Small Stainless Steel Cheek Retractor

Stainless Steel Cheek retractor with satin finish to prevent glare. Autoclavable at 134-137°C. Sold as each.

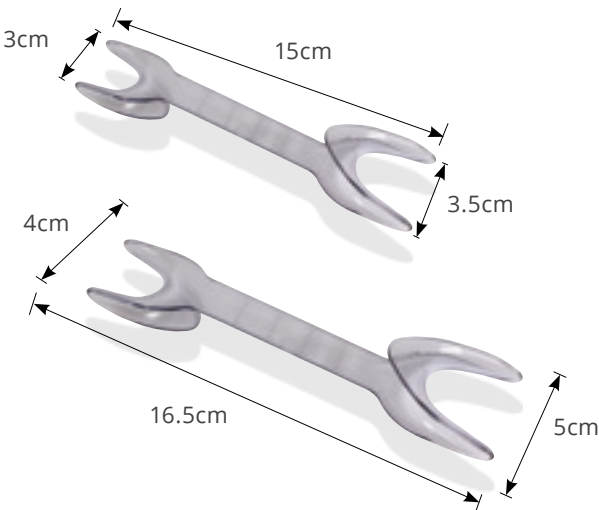
DB04-0199



V Retractors

Clear “V” shaped retractors for posterior photography. Autoclavable up to 135°C. Sold in pairs.

Small	DB04-0152
Large	DB04-0153



Double Ended V Retractors

Autoclavable up to 137°C. Sold in pairs.

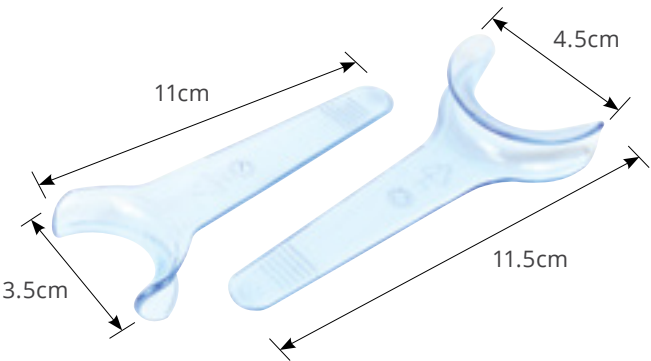
Small	DB04-0178
Large	DB04-0178L

BEST
SELLERS

Long Handled Cheek Retractors

Excellent for photography. Autoclavable to 121°C. Sold in pairs.

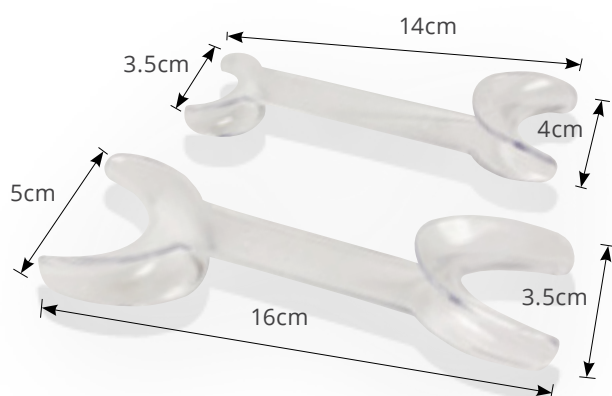
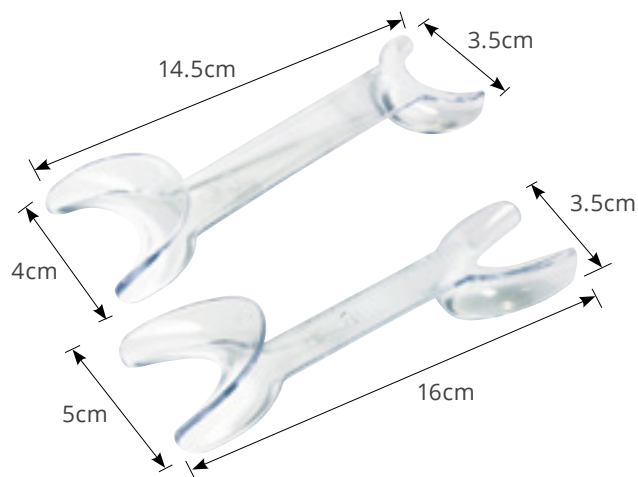
Small	DB04-0190
Large	DB04-0191



Clear Cheek Retractors

Very clear, excellent for photography.
Cold sterilisable only. Sold in pairs.

Small	DB04-0174
Large	DB04-0175



Opaque Cheek Retractors

Autoclavable up to 137°C. Sold in pairs.

Small	DB04-0174PP
Large	DB04-0175PP

Kombee

Double ended occlusal and buccal cheek retractor. Keeps lips retracted for better occlusal pictures. Autoclavable up to 121°C. Sold as each.

Small	DB04-0189
Large	DB04-0188

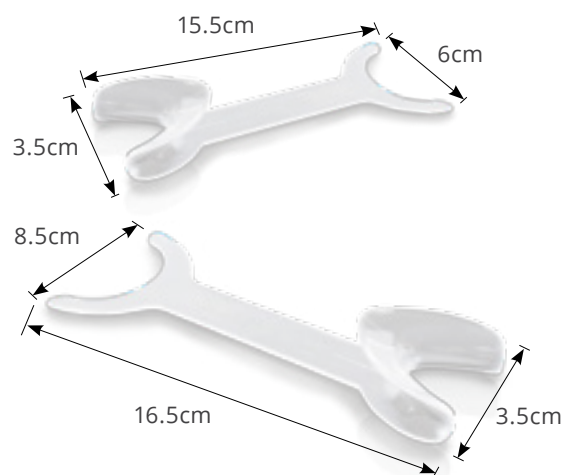


Photo Lip Retractor

Innovative design provides maximum exposure for occlusal photographs. Autoclavable up to 137°C. Sold as each.

DB04-0154



Lip Ring Retractor

The spring like action maintains the retraction of the patient's lips. Sized for adult and children. Ideal for bonding and intra oral photography. Cold sterilisable only. Sold in pairs.

DB04-0187

Optragate

Optragate provides easy and effective enlargement of the treatment field. It allows the patient's lips and cheeks to be gently and evenly retracted to provide a full view of the anterior and posterior teeth, while the lips are completely covered and protected. Available in two adult sizes - Regular, Small and Junior size. Single use only. OptraGate is entirely latex-free. Sold in packs of 80.



Assorted Kit	DB04-0420
Regular	DB04-0421
Small Refills	DB04-0422
Junior Refills	DB04-0423



Nola Dry Field System

Obtain a totally dry field for the entire arch without drugs, absorbing pads and cotton rolls. System includes: Cheek Retractor, Silicone Tubing, Connectors, Saliva Ejector.

Uses

- Full arch bonding
- Pit and fissure sealant
- Fluoride treatment

Features

- Full arch access
- High fluid volume
- Comfortable
- Adjustable to arch length
- Excellent soft tissue retraction
- Autoclavable up to 135°C

Description	Code	Unit
Nola Dry Field System Small	DB04-0405	kit
Nola Dry Field System Large	DB04-0406	kit
Saliva Ejector Small	DB04-0407	Pack 2
Saliva Ejector Large	DB04-0408	Pack 2
Cheek Retractor Small	DB04-0409	each
Cheek Retractor Large	DB04-0410	each
Low Volume Suction	DB04-0411	Pack 4
High Volume Suction	DB04-0412	Pack 4
Silicone Tubing	DB04-0413	Pack 10
'Y' Connector	DB04-0414	Pack 4

Spand-Ezz Cheek Expander

Excellent Retractor for bonding. Allows unrestricted access to entire mouth. Made of a clear and flexible thermoplastic. Autoclavable up to 120°C. Sold as each.

Cheek Expander Small	DB04-0180
Cheek Expander Medium	DB04-0181
Cheek Expander Large	DB04-0182



Soft Spandex Cheek Expanders

Soft material allows greater flexibility. Soft cheek retractors are less prone to fracture than hard plastic type. Ideal for intra-oral photography as matt finish does not reflect glare from flash unit. Fully autoclavable. Standard and junior size. Sold in pairs.

Large	DB04-0185
Small	DB04-0186

Extra Oral Cheek Expanders

Autoclavable Extra Oral Cheek Expanders are specifically designed to resist fracture. The unique tab allows the cheeks to be pulled out further. Made from a heavy duty plastic, it is autoclavable without risk of cracking or breaking. Autoclavable up to 120°C. Sold in pairs.

Autoclavable Expander Regular	DB04-0170
Autoclavable Expander Small	DB04-0170S



Photo Cassette

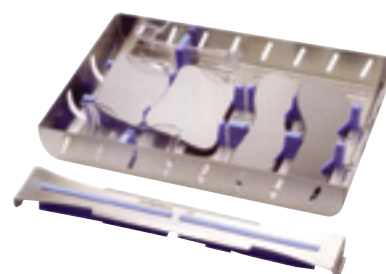
Medium low profile cassette, holds 3 mirrors securely. Size 198 x 165 x 37mm.

DB06-5028

Photo Cassette

Large low profile cassette, holds 4 mirrors and 2 cheek retractors. Size 290 x 183 x 37mm.

DB06-5029





The popular choice of premium instruments for orthodontists internationally:

All **Ixion™** instruments are made from German surgical stainless steel with a beautiful **satın finish** which reduces glare from surgery lighting.

All cutting edges are made from **tungsten carbide** or **reminate** providing superior strength and sharpness.

All instruments have a Box Joint which provides a **reliable, smooth action** and ensures the tips align perfectly every time.

All **Ixion™** instruments have a **unique streamline design** providing a perfectly balanced instrument.

All **Ixion™** instruments are finished with **round, smooth edges** providing maximum comfort and safety for you and your patient.

“

I have been using Ixion pliers for 8 years now, having made the decision to use them when I moved my hospital department over to a CSSD tray system. I based that decision on having been very impressed with the high quality of the instruments when compared with other instruments I have used over a long and busy clinical career.

I set very high standards in clinical matters and Ixion pliers do not disappoint in any way. In the time they have been in use, they have proved to be reliable and robust, and good value for money.

They are well-designed and beautifully engineered from good quality steel, being both aesthetic and functional. If I had to re-stock my department, I would certainly order Ixion pliers again. I would highly recommend them to anyone.

”

Helen Taylor, Consultant Orthodontist, Nevill Hall Hospital, South Wales



Distal End Cutters

ix900

Distal End Cutter

This instrument cuts wires close to the buccal tube and safely holds the distal end. The Tungsten Carbide inserts ensure precision cutting, long wear and unsurpassed cutting performance. All Ixion distal end cutters feature safety hold.

Maximum Cutting Capacity: archwires up to .021" x .025" (.55 x .64mm)



ix901

Long Handled Distal End Cutter

This instrument features extra long handles and a compact head to ensure easy access in hard to reach areas. It cuts wires close to the buccal tube and safely holds the distal end. The Tungsten Carbide inserts provide unsurpassed performance and long wear. All Ixion distal end cutters feature safety hold.

Maximum Cutting Capacity: archwires up to .021" x .025" (.55 x .64mm)

ix902

Flush Cut Distal End Cutter

The flush cut feature of this instrument allows the archwire to be cut flush at the distal end of the buccal tube eliminating the possibility of patient discomfort resulting from archwire protrusion. All Ixion distal end cutters feature safety hold.

Minimum Cutting Capacity:
archwires from .016" (.41mm)

Maximum Cutting Capacity:
archwires up to .021" x .025" (.55 x .64mm)



ix902s

Flush Cut Distal End Cutter Small

Same features as ix902, designed for smaller wires. All Ixion distal end cutters feature safety hold.

Minimum Cutting Capacity:
archwires from .012" (.30mm)

Maximum Cutting Capacity:
archwires up to .016" x .025" (.41 x .64mm).



Using Flush Cut Distal End.

Caution: Not recommended for Beta Titanium wires.

Hard Wire Cutters

ix905

Hard Wire Cutter

Easily cuts any size archwire or pin. The inserted tips ensure precision cutting and perfect tip alignment.

Minimum Cutting Capacity: .012" (.30mm)
Maximum Cutting Capacity: archwires up to .021"x .025" (.55 x .64mm).



ix906

Hard Wire Cutter 15° Angle

Same features as ix905 with the advantage of a 15° angle for easier access to the posterior area.

Minimum Cutting Capacity: .012" (.30mm)
Maximum Cutting Capacity: archwires up to .021"x .025" (.55 x .64mm).

ix915

Hard Wire Cutter with T.C. Insert

Same design as the popular IX905 with the addition of T.C. inserts for increased durability and ability to cut elastomeric chain.

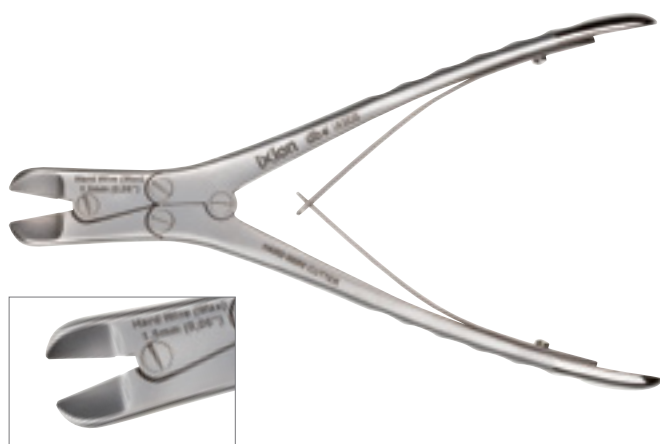


Hard Wire Cutters

ix916

Hard Wire Cutter 15° Angle with T.C. Insert

Same design as the popular IX906 with the addition of T.C. inserts for increased durability and ability to cut elastomeric chain.



ix908

Heavy Duty Hard Wire Cutter

This instrument cuts up to 1.5mm wire with ease due to its triple action design. Inserted tips ensure precision cutting and perfect tip alignment.

Minimum Cutting Capacity: .014" (.36mm)
Maximum Cutting Capacity: wire up to .060" (1.5mm).

ix712

Heavy Duty Hard Wire Cutter

This plier is ideal for cutting labial and lingual arches, quad helix, and many other appliances.

Double spring design allows for easy cutting of hard wire up to .060" (1.5mm).



Ligature Cutters

ix910

Pin Ligature Cutter 7° Angle

Pin Ligature cutter with 7° angled tips to allow easy access and better visibility in difficult to reach areas. Inserted tips ensure precision cutting of ligature wire, pins and elastics.

Maximum Cutting Capacity:
soft wire up to .016" (.41mm).



ix911

Micro Ligature Cutter

The small, narrow and sharp pointed tips allow easy access to the most difficult to reach areas. The inserted tips ensure precision cutting of ligature wire and elastics.

Maximum Cutting Capacity:
soft wire up to .012" (.30mm).

Caution: This delicate instrument is designed for the removal of soft stainless steel ligatures to a maximum of .012" diameter.

ix911L

Micro Long Handled Ligature Cutter

Same features as ix911 but with longer handles.

Maximum Cutting Capacity:
soft wire up to .012" (.30mm).



Caution: This delicate instrument is designed for the removal of soft stainless steel ligatures to a maximum of .012" diameter.

Ligature Cutters

ix912

Standard Ligature Cutter

This cutter has fine tips for easier access to difficult to reach areas. Cuts pins, wire ligatures and elastics.

Maximum Cutting Capacity:
soft wire up to .015" (.38mm).



ix913

Standard Soft Wire Ligature Cutter

Same design as ix912 but without inserts.

Maximum Cutting Capacity:
soft wire up to .012" (.30mm).

Ask for your copy of the
Ixion Catalogue today



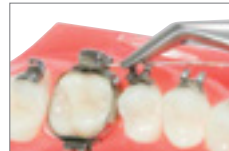
Utility Pliers

ix800

Small Weingart

The special features incorporated in this Ixion Weingart make it one of the most popular. Matching serrated tips hold wires firmly at a convenient working angle. Carefully tapered beaks fit easily between brackets and are rounded for safety and comfort.

Holds wire up to .022" x .028" (.56 x .71mm).



ix801

Small Weingart with inserted tips

Same design as ix800 but with inserted tips providing maximum wire control and preventing the wire from slipping.

Holds wire up to .022" x .028" (.56 x .71mm).

ix802

Large Weingart

Precision serrated tips are designed for heavy wires and prevent the wire from slipping. For safe and easy insertion or removal of all archwires.

Holds wire up to .030" (.76mm).



ix803

Large Weingart with inserted tips

Same design as ix802 but with inserted tips for maximum control.

Holds wire up to .030" (.76mm).

Utility Pliers

ix804

Fine Tipped Weingart

This strong but fine tipped utility plier allows excellent access in difficult to reach areas.

Holds wire up to .022" x .028"
(.56 x .71mm).



ix843

Utility Weingart with Inserted Tips

This new Weingart plier is already proving popular! Designed for use with larger wires but slim enough to allow the clinician good visibility in difficult to reach areas. Elegant and perfectly balanced with beautifully rounded tips for patient comfort. Precision serrated tips prevent the wire from slipping.

Holds wire up to .022" x .028"
(.51mm x .71mm).

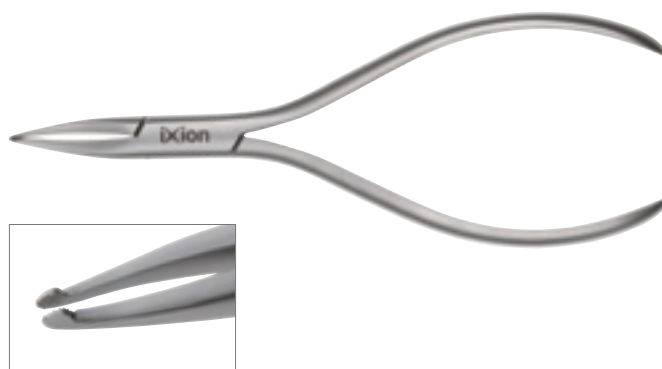


ix805

How Plier (Straight)

A versatile utility plier with long tapered tips. The 3/32" diameter tips are serrated to prevent wire slippage.

Holds wire up to .022" x .028" (.66 x .71mm).



ix806

How Plier (Angled)

Similar to ix805 but with 45° angled tips for convenient access to lingual and other difficult to reach areas.

Serrated tips hold wires firmly at a convenient working angle.

Holds wire up to .022" x .028" (.66 x .71mm).



Utility Pliers

ix825

Posterior Band Remover (Short)

The plastic tip rests on the occlusal surface of the molar which places the removing tip in the perfect position to catch the gingival edge of the band. Replacement tips are available in 3/16" and 1/8" diameters.



ix826

Posterior Band Remover (Long)

Same features as ix825 but with a longer band removing arm.

ix838

Posterior Band Remover Plier

A long arm band remover with a push fit tip.



ix895S

Replacement Tips 3/16" (5mm) Flared

For use with ix825 and ix826. Sold in packs of 3.



ix896S

Replacement Tips 1/8" (3mm) Straight

For use with ix825 and ix826. Sold in packs of 3.



ix838S

Replacement Tips 3/16" (5mm) Straight

For use with ix838. Sold in packs of 10.

Utility Pliers

ix827

Direct Bond Remover (Straight)

Force is applied to the bracket-tooth interface. The tips are positioned mesially-distally or at the occlusal gingival interface to remove direct bond brackets safely and comfortably.



**BEST
SELLERS**

ix828

Direct Bond Remover (Angled)

Same design as ix827 but with a 60° angle which allows easier access in those difficult to reach posterior areas.

ix829

Direct Bond Remover

Removes brackets easily by holding the side of the bracket in a horizontal position or under the tie wing and applying pressure by torquing or turning in a clockwise motion. The inserted tips provide longevity.



ix954

Cinch Back - Large Wire

The serrated tips of this instrument hold the wire securely while bending the wire 90° distally to the buccal tube, avoiding patient discomfort.

For use with wires from .016" (.41mm) up to .021" x .025" (.55 x .64mm).

Utility Pliers

ix841

Force Module Separator

Designed for easy placement of separating elastics. Modules will not slip because of the undercut of the tips.



ix824

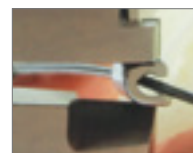
Coon Ligature Tying Plier

Self-locking ligature tying plier with fine beaks for the ease of applying and tying stainless steel ligatures.

ix820

Crimpable Archwire Hook Plier

Designed for surgical ball hooks and auxiliaries. The slotted tip holds auxiliaries secure to provide for positive crimping.



Utility Pliers

ix834

Crimping Plier

For applying crimpable stops to archwires.



ix835

Adhesive Removing Plier

The vinyl tube rests on the occlusal / incisal surface of the tooth ensuring no discomfort to the patient while the sharp metal tip removes adhesive from the labial/buccal surface with ease.



ix837

Replacement Vinyl Tube 150mm

Sold individually.



ix836

Replacement Metal Pad

Sold in packs of 2.

ix840

Small Adams Plier

Inserted hardened tips provide excellent resistance to wear. Square beaks 1mm at tip and parallel at .045" opening.

For use with wires up to .030" (.76mm).



Utility Pliers

Looking for a solution to reduce emergency appointments?

Introducing the Safe Cinch...



Problem 1: Wire Poke

The wires slide out distally through the molar tubes or brackets as teeth align or wire slides round. This is specially a problem with SLBs and Lingual technique.



Problem 2: Long Unsupported Span

The fine, flexible wires drop out of molar tubes and may be too light to be held by conventional cinching.



Problem 3: Loose Tube

Bonded molar tubes that debond can easily come off the back of the wire even when conventionally cinched, causing safety concerns.



Solution: Safe Cinch

The Ixion Safe Cinch is a simple solution to prevent any of these problems from occurring.



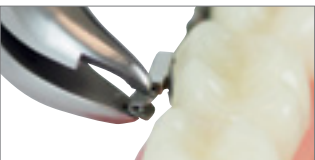
ix920 Safe Cinch Plier

ix921 Safe Cinches Pk 40

ix922 Safe Cinches Plier & 40 Cinches



The Safe Cinch is a rounded, crimpable device which is fitted over the protruding end of the archwire behind the molar tube, using special pliers designed to hold and crimp it securely. The Safe Cinch is designed to reduce emergency appointments by preventing sharp wire from poking into the soft tissue at the back of the mouth, safely holding debonded molar tubes on the archwire, and preventing flexible wires from dropping out of molar tubes or brackets.



The ix920 is a plier used for the positioning of the ix921 Safe Cinch. The Safe Cinch must be positioned using the ix920 Safe Cinch Plier otherwise its safety cannot be assured.

EU patent number: EP 2106246. USA patent number: US 8,246,350 B2.

“

I have been using safe cinch for some time now and find it invaluable to secure the distal ends of sectional wires. The safe cinch is more comfortable for patients as it eliminates wire pokes which also helps reduce emergency appointments. It's also very useful as stops for low friction systems.

”

Dr. Chris Lowe, Principal Orthodontist, England

Wire Bending Pliers

ix807

Light Wire Plier

This popular design features inserted tips which provide excellent grip and durability.

Tips bend archwires from .012" to .020" (.30mm - .51mm).



ix808

Light Wire Plier with Cutter and 2 Grooves

Same popular design as ix807, but with cutter and grooves. Beaks are grooved for round wire at 1mm and 2mm from tip.

Tips bend archwires from .012" to .020" (.30mm - .51mm).

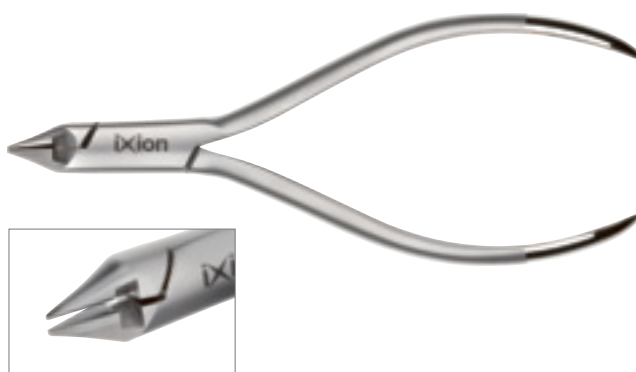
Cutter at the base of beaks cuts archwires from .014" to .020" (.36mm - .51mm).

ix809

Light Wire Plier with Cutter

This popular loop forming and bending plier has inserted tips that provide excellent durability.

The precise round and square tips bend archwires from .012" to .020" (.30mm - .51mm). Cutter at base of beaks cuts archwires from .014" to .020" (.36mm - .51mm).



ix811

Light Wire Contouring and Cutting Plier

Longer, more gradually tapered beaks than the ix809 make it easier to bend small diameter loops.

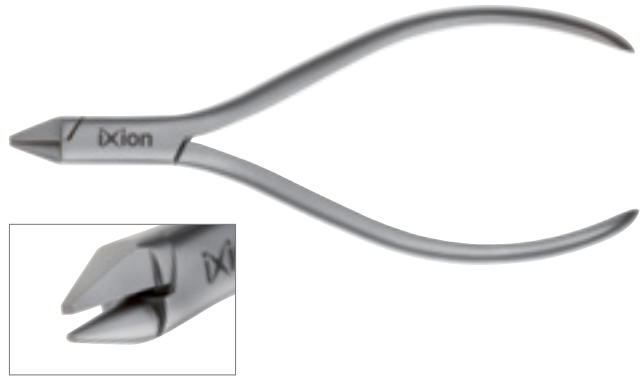
The precision tips enable contouring of loops and arches up to .021" x .025" (.55 x .64mm) and the built in cutter cuts wires from .014" to .020" (.36mm - .51mm).

Wire Bending Pliers

ix810

Bird Beak Plier

The most popular and versatile plier for working with round wire up to .028" (.71mm). The round beak is precision manufacture to a perfect cone - .025" at the tip. The pyramid beak is exactly .025" wide at the tip.



ix872

Bird Beak Plier with T.C. tips

Same design as ix810 with the addition of tungsten carbide tips providing maximum wire control and excellent durability.

ix821

Long Beak Light Wire Plier

Longer beaks than the ix810 for making precision loops in light wires.

For use with round and square wire up to .020" (.51mm).



ix711

Heavy Duty Bird Beak

This heavy duty bird beak plier has special inserted tips which allows enables the bending of wire up to 1mm.

This plier is ideal for the fabrication of labial and lingual arches, quad helix, and many other appliances.

For use with wire up to .040" (1mm).

Wire Bending Pliers

ix812

Tweed Loop Forming Plier with Cutter

Ideal for making consistent uniform loops. The tip has three sections of 1.2mm, 1.8mm and 2.0mm with roughened finish to prevent wire slippage.

For use with round and square wire up to .021 x .025" (.55 x .64mm). The built in cutter allows wire to be cut from .014" to .020" (.36mm - .51mm).



ix814

O'Brien Loop Forming Plier

The perfect plier for making accurate, omega and closing loops.

For use with round & square wire up to .021" x .025" (.55 x .64mm).

ix813

Tweed Arch Forming Plier

Designed for torquing and bending square or rectangular wires. The blades are designed to be parallel at .020" opening.

For use with wires up to .021" x .025" (.55 x .64mm).



ix871

Tweed Arch Forming Plier

Same design as ix813 with the addition of inserted tips providing maximum wire control and improved grip.

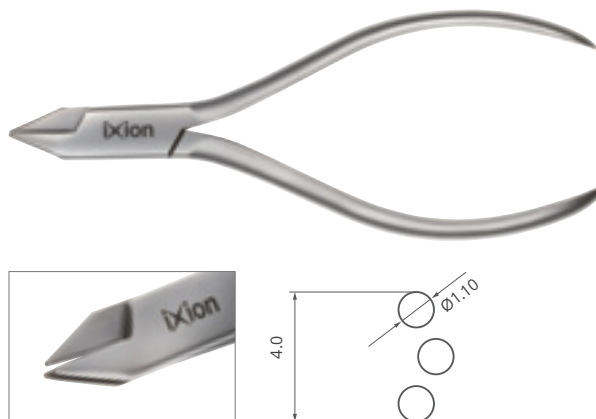
Wire Bending Pliers

ix816

3-Jaw Plier

Precision aligned tips are rounded for consistent contouring and bending without damaging the archwire. One-piece construction of the double tip ensures superior strength.

For use with wire up to .030" (.76mm).



ix819

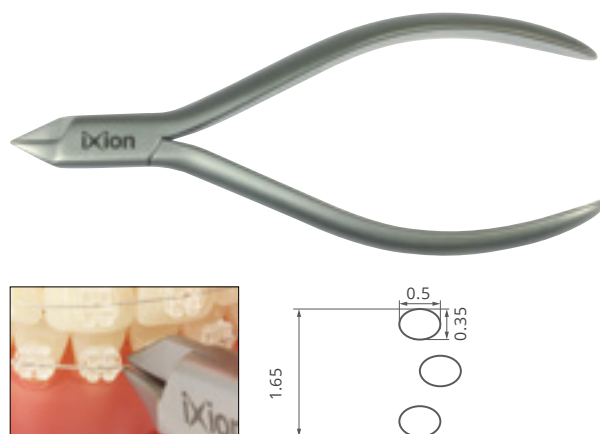
Small 3-Jaw Plier

Same design as the IX816 but with slightly smaller tips for working with wire up to .020" (.51mm).

ix823

Fine 3-Jaw NiTi Plier

The fine tips allow intra oral bending of the archwire. To be used on Nickel Titanium wire up to .020" (.51mm).



ix823XF

Extra Fine 3-Jaw NiTi Plier

The narrow extra fine tips allow intra oral bending of the archwire between the brackets. To be used on Nickel Titanium wire up to .014" (.35mm).

Wire Bending Pliers

ix817

De La Rosa

Precision matched concave and convex tips for smooth contouring of light wire loops. Contours and forms arches without torquing.

For use with wires up to .021" x .025"
(.55mm x .64mm).



ix815

Nance Plier

Precision loop forming with four step tips: 3mm, 4mm, 5mm and 6mm. All working edges have been bevelled to prevent wire scoring.

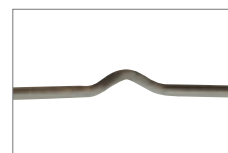
Excellent for round and square wires up to .022" (.56mm).

ix832

V Bend Plier

Creates a 1mm V bend in any part of the archwire to stop archwire movement. Inserted T.C. tip provides longevity.

For use with NiTi wire up to .018" (.46mm).



ix830

Hollow Chop

Convex/concave tips enable adjustment of all types of loops.

Wire Bending Pliers

ix873

Torquing Plier Set

The torquing plier set allows the accurate placement of torque in square/rectangular archwires.

Both male and female parts have durable inserted tips.



Step 1



Step 2



Step 3



Step 4



I have used Ixion orthodontic instruments for approximately six years now. Without question, they offer unparalleled quality compared to all other orthodontic instruments on the market today. The workmanship that goes into every instrument is outstanding and is guaranteed for five years!

A reliable, smooth closing action is produced as each instrument incorporates a box joint that ensures the tips align perfectly without any rocking. Along with the elegant rounded finish, this makes using Ixion instruments a pleasurable and comfortable experience – for both patient and orthodontist.

When it comes to choosing your orthodontic instruments, there can only be one choice – Ixion.



Richard Needham, Consultant Orthodontist, Manchester Dental Hospital

Hand Instruments

ix850

Direct Bond Bracket Holder

Spring loaded reverse action holds brackets firmly until release is desired. Positioning blade helps with bracket slot alignment.



ix630

Direct Bond Holder with Positioning Blade

Spring loaded reverse action holds brackets firmly until release is desired. Positioning blade helps with bracket slot alignment.

ix631

Deluxe Direct Bond Holder

The same high quality finish as IX850, with the addition of fine tips for easy placement of brackets and attachments. Positioning blade helps with bracket slot alignment.



ix632

Lingual Bracket and Bondable Tube Holder

Reverse action holder designed for placing bondable tubes and lingual brackets and attachments. Curved design allows placement with an unobstructed view.

ix633

Curved Bracket Holder

Designed for placement of lingual brackets and attachments. Serrated tips give excellent grip.



Hand Instruments

Our range of Ixion Hand Instruments are beautifully crafted from the highest quality stainless steel. The ergonomically shaped design incorporates a smooth handle providing optimum comfort and hygiene.

The balanced weight of the instruments results in a solid feel for the orthodontist, while the satin finish eliminates glare from the surgery lighting.

Ixion Hand Instruments are suitable for steam sterilisation at 134 – 137°C (Do not exceed 160°C). These Ixion Hand Instruments are warranted for 1 year.

ix650

Probe Single Ended



ix651

Probe Double Ended

ix652

Ligature Tucker



ix653

Mitchell Trimmer

ix656

Cement Spatula

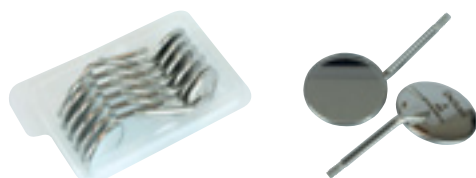


ix657

Flat Plastic

ix654

Mirror Handle



ix655

Mirror Heads

Hand Instruments

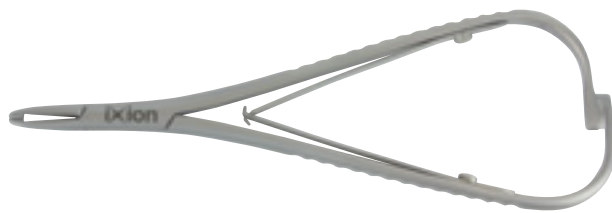
ix855

Mosquito Forceps

Ixion Mosquito Forceps have fine serrated tips.



**BEST
SELLERS**



ix860

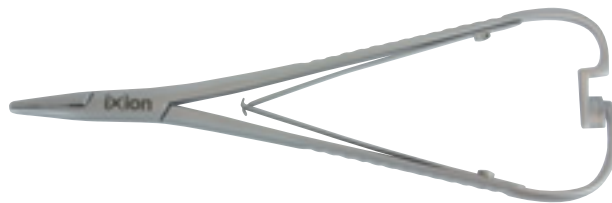
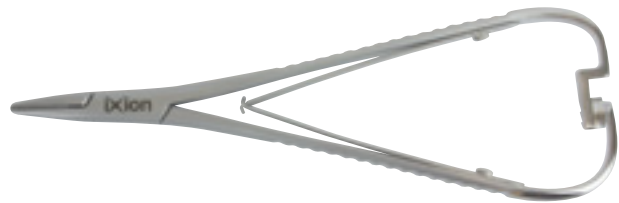
Fine Tip Mathieu Needle Holder

Finer tips than the ix861.

ix861

Mathieu Needle Holder with T.C.

Sturdy, rounded tips designed for twisting ligature wire. Tungsten Carbide tips ensure durability.



ix862

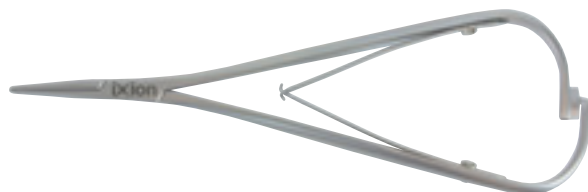
Mathieu Needle Holder

Sturdy, rounded tips designed for twisting ligature wire.

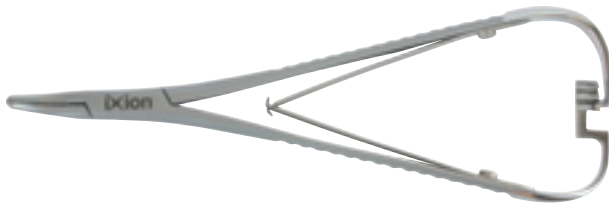
ix863

Smaha (Straight)

Fine tips excellent for placing elastomeric ligatures.



Hand Instruments



ix864

Curved Mathieu Needle Holder with T.C.

Sturdy rounded tips designed for twisting ligature wire. Curved Tungsten Carbide tip provides easy access in difficult to reach areas and durability.

ix845

Mershon Band Pusher

Stainless steel serrated tip for a positive control.



ix846

Mershon Band Pusher with Small Round Handle

Same tip as ix845, but with lower profile handle.

ix870

Serrated Scissors

Serrated tips are ideal for cutting stainless steel tape, bands and ligatures.

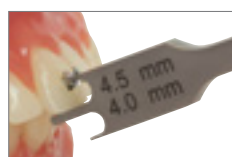


Hand Instruments

ix866

Bracket Height Gauge 3.5mm-5mm .018

For precise bracket positioning
of .018 brackets.



ix867

Bracket Height Gauge 3.5mm - 5mm .022

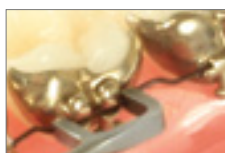
For precise bracket positioning
of .022 brackets.

ix945

Lingual Tucker

The Ixion lingual tucker has been specially developed through consultation with experienced lingual orthodontists and is especially suited to use with self-ligating lingual bracket system. The instrument holds the wire securely in place during ligation of the bracket.

The Ixion lingual tucker gives optimum visibility and access during use in both the anterior and posterior region due to its unique design.

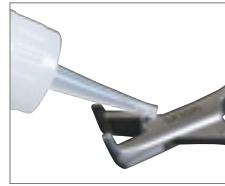


Miscellaneous

ix010

Ixon Instrument Oil

Specially formulated for orthodontic instruments. Will withstand temperatures of up to 160°C. Supplied with easy to use dispensing nozzle. Size 100ml.



Blue	ix110	Orange	ix115	Yellow	ix119
Green	ix111	Pink	ix116	Brown	ix120
Purple	ix112	White	ix117	Dark Grey	ix121
Red	ix113	Tan	ix118	Mixed Colours	ix122
Black	ix114				

Instrument Code Rings

Designed to fit orthodontic plier handles, scalers, band seaters, hemostats and other orthodontic instruments.

Made out of high temperature silicone that can withstand repeated autoclaving and heat sterilisation. Latex free. Sold in packs of 100.

DB04-0000

Round Instrument Holder

Store pliers and hand instruments securely.



DB04-0000/1

Clear Instrument Rack

Fits up to 15 pliers.

Miscellaneous

ix101

Small Rack

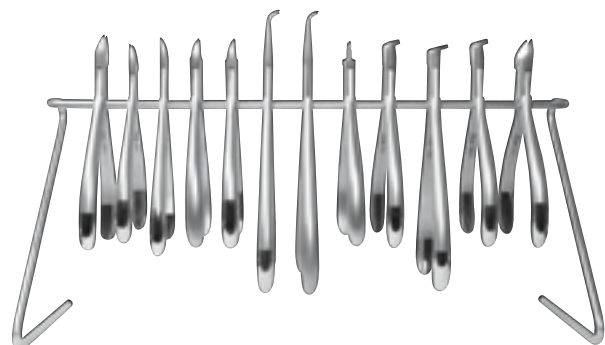
Autoclavable Stainless Steel Rack.



ix102

Medium Rack

Autoclavable Stainless Steel Rack.



ix103

Large Rack

Autoclavable Stainless Steel Rack.

Tooth Autotransplantation

ix200

Transplantation Stent Kit

Tooth autotransplantation is the surgical movement of a donor tooth to a recipient site within the same individual. Autotransplantation is essentially a controlled avulsion and replantation, either into an extraction site or a surgically-prepared artificial socket.

Premolar transplantation is a well-recognised technique for managing missing anterior teeth, including teeth lost through trauma or developmentally absent teeth, such as in hypodontia and cleft palate. Other indications include replacement of a failing or a poor-prognosis permanent tooth and surgical repositioning of an impacted or ectopic permanent tooth.

DB Orthodontics has developed a range of transplantation stents with The Leeds Dental Institute autologous transplantation team.



Kit includes 3 x stents - small, medium and large - plus stainless steel sterilisation cassette including locking arm (not shown).

The set of stents have been produced to:

- Minimise extra-oral time of the donor tooth/teeth.
- Reduce the damage to the periodontal ligament of donor tooth by minimising the number of try in attempts when assessing the donor tooth's fit in the recipient site.
- Provide flexibility to the surgeon by providing a variety of stent sizes, thereby allowing them to choose the most appropriate premolar to transplant.



ixionTM Instruments *Lingual Series*

This range of **ixion**TM Lingual Instruments has been specifically developed to facilitate the 'art' of Lingual Orthodontics.

We consulted leading lingual orthodontists to produce a range of instruments which fully meet the needs of this challenging technique.

With these factors in mind we have developed a range of instruments with **longer handles** for the difficult to reach areas, the heads of the instruments are **smaller** to accommodate the lack of interproximal space and all instruments have the unique **ixion**TM **smooth contours** for added patient comfort.

Lingual Instruments

ix958

Flush Cut Distal End Cutter

The flush cut feature of this instrument allows the archwire to be cut flush distal to the buccal tube, eliminating the possibility of patient discomfort resulting from archwire protrusion. The Tungsten Carbide inserted tips ensure precision cutting and perfect tip alignment. All Ixion distal end cutters feature safety hold.

Minimum Cutting Capacity: archwires from .016 (.41mm).

Maximum Cutting Capacity: archwires up to .021 x .025 (.55mm x .64mm).



Caution: Not recommended for Beta Titanium wires.



Caution: Not recommended for Beta Titanium wires.

ix958s

Flush Cut Distal End Cutter Small

Same features as ix958, but with smaller head designed for smaller wires. All Ixion distal end cutters feature safety hold.

Minimum Cutting Capacity: archwires from .012" (.30mm).

Maximum Cutting Capacity: archwires up to .016 x .025" (.41 x .64mm).

ix959

Long Handled Distal End Cutter

This instrument features long handles and a slim box joint with a compact head to ensure easy access in hard to reach areas. The T.C. inserts provide unsurpassed performance and durability. All Ixion distal end cutters feature safety hold.

Minimum Cutting Capacity: .012" (.30mm)

Maximum Cutting Capacity: .018" x .025" (.46 x .64mm).



Lingual Instruments

ix911

Micro Ligature Cutter

The small, narrow and sharp pointed tips allow easy access to the most difficult to reach areas. The inserted tips ensure precision cutting of ligature wire and elastics.

Maximum Cutting Capacity: soft wire up to .012" (.30mm).



Caution: This delicate instrument is designed for the removal of soft stainless steel ligatures to a maximum of .012" diameter.



Caution: This delicate instrument is designed for the removal of soft stainless steel ligatures to a maximum of .012" diameter.

ix911L

Micro Long Handled Ligature Cutter

Same features as ix911 but with longer handles.

Maximum Cutting Capacity: soft wire up to .012" (.30mm).

ix956

Mini Ligature Cutter 50° angle upper

The narrow tip is angled at 50° for excellent access to the upper arch. The inserted tips ensure precision cutting of ligature wires and elastics.

Maximum Cutting Capacity: soft wire up to .012" (.30mm).

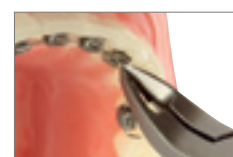


ix956s

Micro Ligature Cutter 50° angle upper

Same features as ix956, but with a smaller head and shorter handles.

Maximum cutting capacity: soft wire up to .012" (.30mm).



Lingual Instruments

ix957

Mini Ligature Cutter 60° angle lower

The narrow tip is angled at 60° for excellent access to the lower arch. The inserted tips ensure precision cutting of ligature wires and elastics.

Maximum cutting capacity: soft wire up to .012" (.30mm).

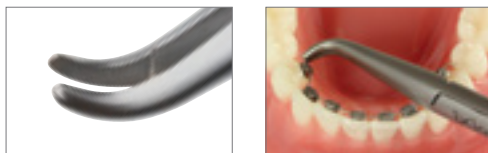


ix957s

Micro Ligature Cutter 60° angle lower

Same features as ix957, but with a smaller head and shorter handles.

Maximum cutting capacity: soft wire up to .012" (.30mm).



ix950

Weingart 60° Angle

Small serrated tips are angled at 60° for easy access in the posterior region.

For use with wire up to .018" (.46mm).

ix951

Weingart 60° Angle with T.C.

Same features as ix950 with the addition of Tungsten Carbide tips.

For use with wire up to .018" (.46mm).

ix941

Curved Lingual Micro Mosquito

Very fine curved serrated tips and positive locking ensure consistent performance.

Used to place elastic ligatures in difficult to reach areas.



Lingual Instruments

ix953

Cinch Back

The serrated tips of this instrument hold the wire securely while bending the wire 90° distally to the buccal tube, avoiding patient discomfort.

For use with Nickel Titanium wires
.012" – .018" (.30 x .46mm).

Now available
IX954 Large Cinch Back Plier
Wires up to .021" x .025" (.55 x .64mm).
- see page 79.



The IX953 cinch back plier is a plier that I could not practice without. I have not found a better cinch back plier. The small head and light serrations make bending .012 to .018 wires simple and accurate in very tight spaces. I would recommend it to anyone whether you do labial or lingual braces.



Dr. Jared Gill, Cornforth-Gill Orthodontics, Fargo, ND



ix940

Curved Smaha

Fine curved tips but strong enough for inserting archwires and excellent for placing elastomerics to lingual brackets.

ix955

Bracket Removing Plier

The narrow, sharp tips enable access between the edges of the bracket base and tooth surface to remove direct bond brackets safely and comfortably.



Lingual Instruments

ix949

Slim Tweed Plier

This instrument has slimmer tips - just 0.9mm - than the ix871 which means that it is ideal for use in the lingual technique.



ix952

Stepped Tweed Arch Plier

Designed for torquing and bending both square and rectangular wires. The fine tips allow excellent access even in lower anterior region.

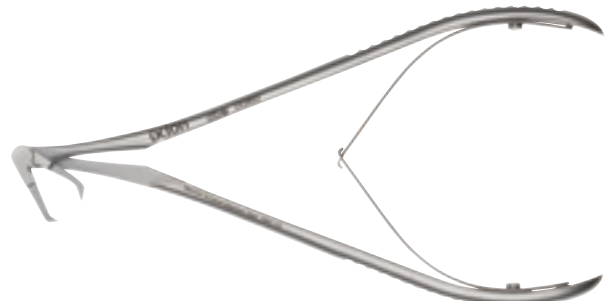
ix960

Lingual Anterior Debonding Plier

Specifically designed to enable the clinician to easily debond lingual brackets including those with a customised base.

The bracket is successfully debonded by placing the sharp edges of the metal arms between the adhesive and enamel interface. The handles are slowly closed so that a peeling action of the bracket base from the gingival towards the incisal edge completes the safe and successful debond.

The sharp edges of the metal arms are manufactured from a special hardened steel which gives long lasting sharpness.



Lingual Instruments

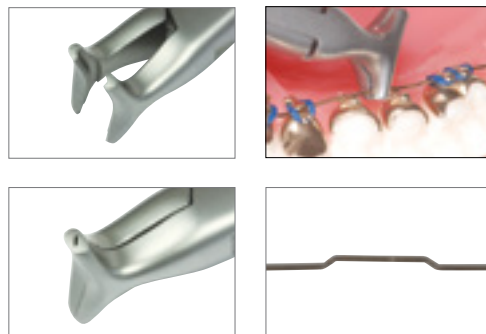
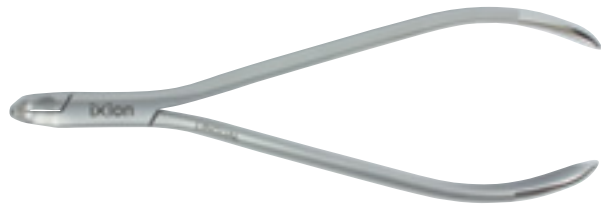
ix975

Intra Oral Detailing Plier 0.75mm Step

The Ixion Intra Oral detailing plier allows .029" (.75mm) first and second order bends to be created intra orally, quickly and accurately without the need for removing the archwire.

The double-sided head of the instrument has been specially designed to enable intra-oral steps to be created, even interproximally between lingual brackets where the space is often very limited.

For use with wire up to .018" x .018" (.46 x .46mm).



ix976

Intra Oral Detailing Plier 0.5mm Step

Same features as the ix975 but with a smaller head, designed to create .020" (.5mm) first and second order bends intra orally.

For use with wire up to .018" x .018" (.46 x .46mm).

European community design number: 002455881.

US patent numbers: US D741,486 S and US D740,942 S.



The New Ixion 0.5mm Step Intra Oral Detailing Plier is very nicely designed and manufactured. Compared to the original step plier the step is slightly smaller, it is very precise and completely parallel.



Prof. Dietmar Segner, Specialist in Orthodontics, Germany



Visit our website

www.ixion-instruments.co.uk



DB Orthodontics Instruments are designed and manufactured with great care and attention to quality and functionality.

Our extensive range of hand instruments covers all requirements from probes, bond holders and pliers to forceps, wire cutters and trimmers. All instruments are fully autoclavable.



Mosquito Forceps

Fine serrated tips for placing elastomeric ligatures. Matt finish.

DB05-0715

Mosquito Forceps with Curved Tip

Same high quality as standard mosquito forceps. Curved tip. Matt finish.

DB05-0315C



Mosquito Forceps with Hook

Same quality as standard mosquito forceps. Hook prevents ligature from slipping.

DB05-0315H

Mosquito Forceps with Grooved Tip

Grooved tip means a non-slip grip when placing elastic ligatures.

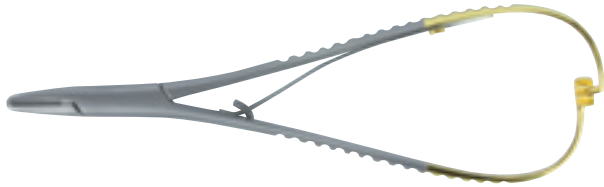
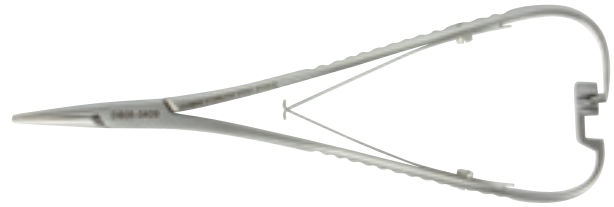
DB05-5316



Straight Smaha

Fine tips but strong enough for inserting archwires.
Excellent for placing elastomeric ligatures.

DB05-0409



Mathieu Needle Holder

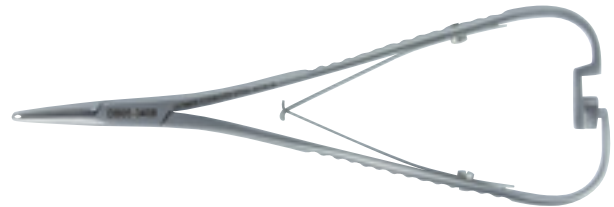
High quality needle holder with T.C. tips for placement of stainless steel ligatures.

DB05-0406

Grooved Needle Holder

Grooved tip prevents ligatures from slipping.

DB05-0408



Direct Bond Holders

Deluxe Holder

Fine tip with positioning blade. Reverse action holds all types of brackets and releases smoothly.

DB05-0421



Standard Holder

Standard holder with positioning blade. Serrated tips. Reverse action for positive holding.

DB05-0420



Curved Holder

Curved tips are ideal for placement of lingual brackets.

DB05-0418

Reverse Keat Bondable Tube Holder

Reverse action tube placer designed for placing bondable tubes, lingual brackets and attachments. Curved design allows placement with an unobstructed view.

DB05-0423



Positive Positioner

For precise placement of posterior direct bond attachments. Lightweight design, spring release action.

DB05-0323



College Tweezers

High quality with serrated tips.

DB05-0319

Mershon Band Pusher

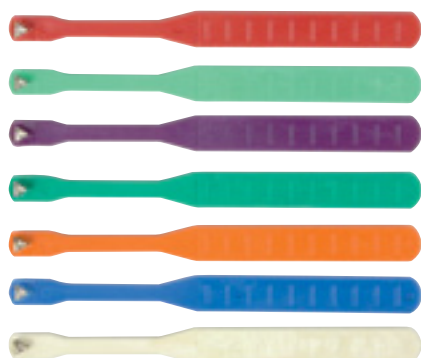
Stainless steel serrated tip for a positive control.

DB05-0559



Autoclavable Bite Sticks

Stainless steel tips. Ideal for all orthodontic appliance construction and adjustment. Autoclavable at 120°C only.



Red	●	DB05-5100
Light Green	●	DB05-5101
Purple	●	DB05-5102
Teal	●	DB05-5103
Orange	●	DB05-5104
Cobalt Blue	●	DB05-5105
White	○	DB05-5106

Mirrors No.4

Tested to withstand 2000 cycles in an autoclave. The design of the reflecting layers provides optimal image quality and extremely high resistance to deterioration. Heads packed in boxes of 12. Handles packed individually.

Mirror Heads Pk 12	DB05-0313M
Mirror Handle	DB05-0313
Mirror Handle & Head	DB05-0313H



Single Ended Short Probe

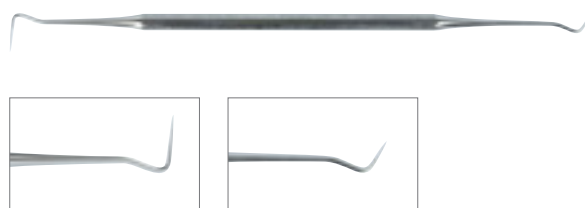
Multifunctional orthodontic hand instrument with precision manufactured tip.

DB05-0304

Double Ended Probe

Multifunctional orthodontic hand instrument with precision manufactured tip.

DB05-0312



Distal Bender

Works on all stainless steel, most NiTi and Beta III wires. For use with wires up to .021" x .028" (.53 x .71mm)

DB05-0321

Double Ended Tucker

Our most popular ligature director. One end notched, one end curved. For directing archwires and ligatures.

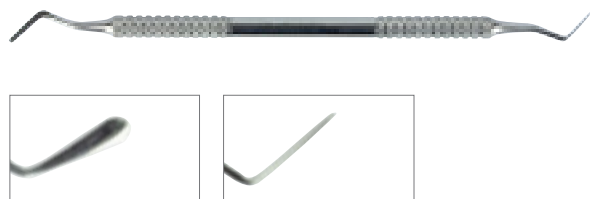
DB05-0311



Mitchell Trimmer No.4

Multifunctional orthodontic hand instrument with precision manufactured tip.

DB05-0317

**Wards Carver No.2**

Multifunctional orthodontic hand instrument with precision manufactured tip.

DB05-0320

Flat Plastic No.6

Multifunctional orthodontic hand instrument with precision manufactured tip.

DB05-0316

**Cement Spatula**

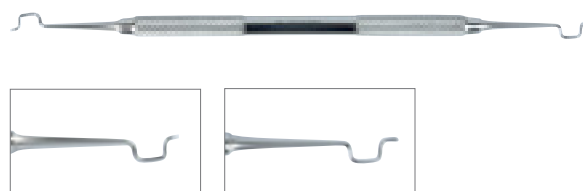
Multifunctional orthodontic hand instrument with precision manufactured tip.

DB05-0325

Twirl-On

Quick and easy ligation of elastomeric ligatures.

DB05-5317



Boon Gauge

Helps with precise bracket placement. Accurately measures height of bracket from tooth edge; 3.5, 4, 4.5, 5mm. Made from surgical stainless steel.

DB05-0004



Overbite Ruler

Aluminium ruler for easy measuring of overbite.

DB05-0001

Ruler

150mm 6" Stainless Steel ruler.

DB05-0318



Divider

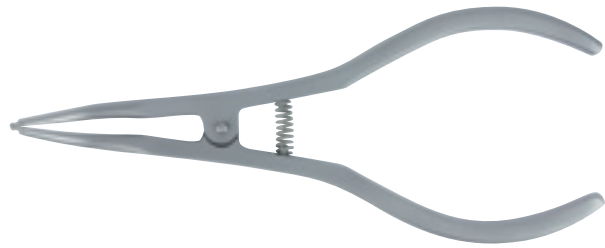
Overall length 4" (115mm). Measuring range up to 95mm. Can be used to measure models and intra orally.

DB05-0

Force Module Separator

Easy spring-back action. Undercut tips positively hold separation modules.

DB05-0302

**Pedo Curved Scissors**

DB05-0331

Beebee Straight Scissors

DB05-0332

**Crown Scissors**

DB05-0333



Our **DB Orthodontics Instrument** line is made from high quality, surgical grade stainless steel. All instruments are **lap jointed** and have a **satin finish** to reduce glare from surgery lighting. They withstand all accepted methods of sterilisation. DB Instruments come **with a 1 year warranty** and all cutters have **Tungsten Carbide tips** to ensure the long life of the cutting surface.



Weingart Plier

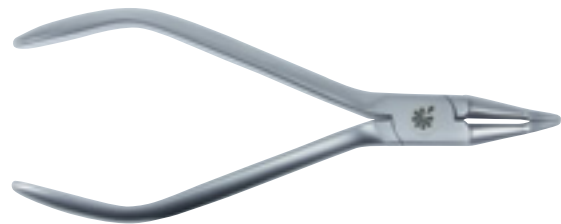
The most popular utility plier. Serrated tips hold wire firmly at a convenient working angle. Tapered tips fit easily between brackets. Rounded for patient comfort.

DB05-0700

Weingart Plier Slim

This slim weingart provides easy access to lingual and posterior areas. Serrated tips securely hold all wires.

DB05-0701



Straight Utility Plier - How Style

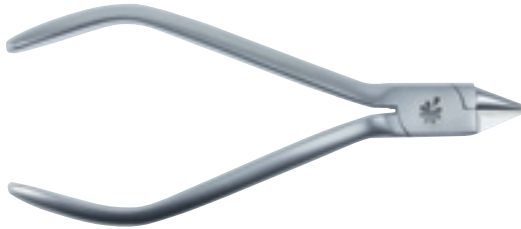
A general utility plier with 3/32" diameter serrated tips. Designed with rounded tips for maximum patient comfort.

DB05-0702

Curved Utility Plier - How Style

Same features as the straight but with angled tips for easy access to posterior areas.

DB05-0703



Bird Beak Plier with T.C. tips

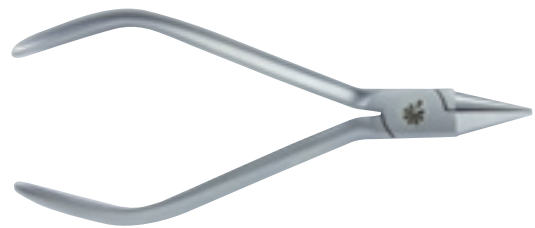
Popular and versatile utility plier for working round wire up to .030" in diameter. T.C. tips are designed to prevent scoring.

DB05-0710

Spring Former Plier

Designed for round wire up to .016" in diameter. The longer tapered beaks make it easier to bend small diameter loops, while preventing wire scoring.

DB05-0711



Arch Former - Tweed Style

Tweed style plier for square or rectangular wire. Edges will not score wire. Will bend wires up to .022" x .028".

DB05-0712

Tweed Loop Plier

Concave beak is serrated and the 3 step sections of .045", .060" and .075" in diameter ensure perfect loops.

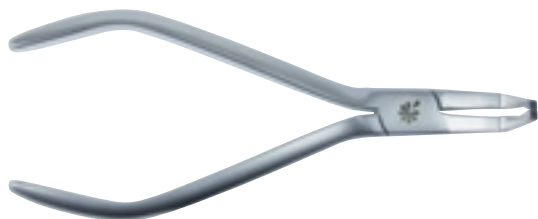
DB05-0713



Direct Bond Bracket Remover with T.C. tips

The bond remover tips wedge between the base of the bracket and the tooth surface ensuring a clean debond.

DB05-0720



Direct Bond Bracket Remover Curved with T.C. tips

Same features as the straight bracket remover but angled for easy access to posterior areas.

DB05-0721

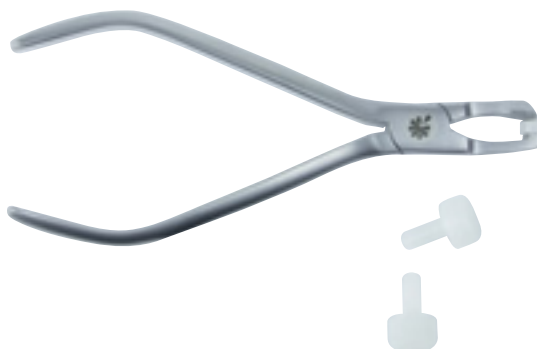
Posterior Band Remover with T.C tips

The nylon tip rests on the occlusal surface of the molar tooth and the metal tip catches the edge of the band for upward or downward removal. Supplied with 3 spare tips.

DB05-0722

Spare Delrin pads. Pk 4.

DB05-0722D



Three Jaw Plier

Precision-aligned tips for consistent bends. Gradually tapered for fine wire bending. Maximum bending capacity .030" (.76mm).

DB05-0723

Nance Plier

Precision loop forming with 4 step sections of 3mm, 4mm, 5mm and 6mm. For wires up to .022". Bevelled edges prevent wire scoring and one serrated beak prevents wire slippage.

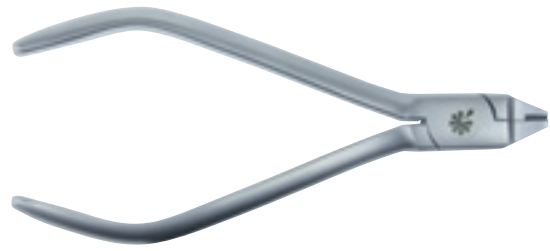
DB05-0724



Ball Hook Crimping Plier

The slotted tips hold surgical ball hooks and auxiliaries securely to enable tight crimping.

DB05-0725



Distal End Cutter Safety Hold with T.C. tips

Cuts securely and holds distal ends of archwires. T.C. tips provide long lasting performance.

Maximum cutting capacity: .021" x .025"

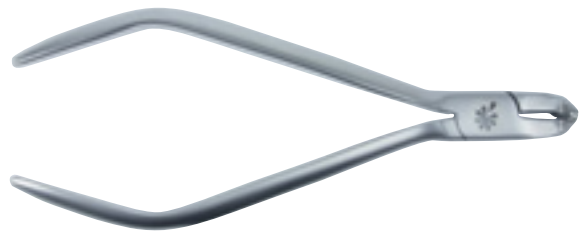
Minimum cutting capacity: .014"

DB05-0730

Distal End Cutter with T.C. tips - Long Handled

Same features as standard distal end cutter but with long handles for better access.

DB05-0731



Hard Wire Cutter with T.C. tips

Hard wire cutter with T.C. tips, non-angled, designed to cut hard wires.

Maximum cutting capacity: .022" x .028"

DB05-0732

Hard Wire Cutter with angled T.C. tips

Same features as standard hardwire cutter with the addition of an angled cutting surface. Maximum cutting capacity: .022" x .028".

DB05-0733





Ligature Cutter with T.C. tips

This ligature cutter has finer tips for easy access into difficult areas. Cuts pins, ligatures and elastics. Maximum cutting capacity: Soft wire up to .015".

DB05-0734

Ligature Cutter with angled T.C. tips

Same features as DB05-0734 with the addition of an angled cutting surface.

Maximum cutting capacity: Soft wire up to .015".

DB05-0735



Surgery Adams Plier with T.C. tips

Tungsten Carbide tips make this plier ideal for all orthodontic appliance construction and adjustment.

Maximum bending capacity: .028" (.7mm).

DB05-0430

Large Adams Plier with T.C. tips

Larger tips than the DB05-0430. Ideal for all orthodontic appliance construction and adjustment.

Maximum bending capacity: .030" (.76mm).

DB05-0430L



Autoclavable Heavy Duty Cutter with T.C. tips

Maximum cutting capacity: .040" (1mm).

DB05-0500T

Retainer Boxes

Retainer Boxes

Retainer boxes are made with a perfect hinge that closes in the same position every time.
Two sizes available.

Colour	1" deep	1.5" deep
Splash Red White, Blue	DB04-0029	DB04-0019
Splash Red, Yellow, Blue	DB04-0030	DB04-0020
Sparkle Black	DB04-0032	DB04-0022
Sparkle Green	DB04-0034	DB04-0024
Sparkle Purple	DB04-0035	DB04-0025
Sparkle Red	DB04-0036	DB04-0026
Tropical Pink	DB04-0047	DB04-0042
Tropical Orange	DB04-0048	DB04-0043
Tropical Blue	DB04-0049	DB04-0044
Tropical Green	DB04-0050	DB04-0045
Blue Splash	DB04-0061	DB04-0051
White Splash	DB04-0062	DB04-0052
Red Splash	DB04-0063	DB04-0053
Purple Splash	DB04-0064	DB04-0054
Green Splash	DB04-0065	DB04-0055



Customised printing available

- ask for more details

Mouthguards

Glow in the Dark

1" deep glow in the dark retainer box.

DB04-0037



Lab Appliance Box

2" deep. Fits most lab appliances.

DB04-0040



The Defender™ Mouthguard is designed especially for patients with fixed appliances. It protects both upper and lower teeth during contact sports. Three air vents allow for easy breathing and prevent significant injury to the tongue. One size fits all. Sold in packs of 10. Each supplied with a retainer box.

Red	●	DB04-0350
Blue	●	DB04-0351
Clear	○	DB04-0352
Green	●	DB04-0353
Yellow	●	DB04-0354
Black	●	DB04-0355
Silver	●	DB04-0356
Mixed	●	DB04-0357



Sonic Cleaner

The Sonic Cleaner is ideal for cleaning removable appliances, giving professional results. Sonic vibrations remove stains and food particles. Can also be used for dentures, mouthguards and splints. Size approx. 9cm x 5cm. Requires 2 x AA batteries.

DB06-0800



Interdental Brushes

High quality interdental brushes manufactured from the highest specification materials. High tensile strength, plastic coated, stainless steel wire at the core prevents the brushes from bending.

For longer life the bristles are made from the same memory retentive nylon as is used for tooth brushes. The brush is locked to the handle using a revolutionary production process making it virtually impossible for them to separate.

Each pack contains 6 brushes and 1 reusable hygienic cap.



Colour		Code
XXXXF Pink	●	DB04-3000
XXXF Orange	●	DB04-3001
XXF Red	●	DB04-3002
XF Blue	●	DB04-3003
Fine Yellow	●	DB04-3004
Medium Green	●	DB04-3005

Easy Brush

This is the first-ever toothbrush designed specifically to clean underneath the arch wire thereby reducing or eliminating unsightly decalcifications. Sold as each.

Pink	●	DB04-3060P
Purple	●	DB04-3060PU
Blue	●	DB04-3060B
Yellow	●	DB04-3060Y
Green	●	DB04-3060G



Ortho/Interproximal Brush

This double ended brush has a standard brush at one end and interproximal brush at the other. Sold as each.

DB04-3008



Travel ToothBrush

A durable, high-quality toothbrush with a compact head that's great for kids or adults. Cover converts into handle. Sold as each.

DB04-3009

Ortho Travel Kits

Soft zip lock bag. Kit includes : Dual head toothbrush, ortho travel toothbrush, 2-minute timer, interproximal brush, mouth mirror, relief wax, 15m floss and packet of 10 floss threaders. Available in 5 bright colours. Sold as each.

Colour		Code
Pink	●	DB04-3050P
Purple	●	DB04-3050PU
Blue	●	DB04-3050B
Yellow	●	DB04-3050Y
Green	●	DB04-3050G



Customised printing available
- ask for more details

Ortho Travel Kits

Hard plastic case. Kit Includes: Floss and floss threaders, travel brush, wax, mouth mirror, ortho combo brush, interproximal brush. Available in 4 bright colours. Sold in packs of 12.

Colour		Code
Purple	●	DB04-3011
Green	●	DB04-3012
Blue	●	DB04-3013
Red	●	DB04-3014

Relief Wax

Scented orthodontic wax. Sold in packs of 50.

Splash	DB04-0011
Mint	DB04-0012
Chocolate	DB04-0013
Cherry	DB04-0014
Grape	DB04-0015
Blueberry	DB04-0016
Bubblegum	DB04-0017
White	DB04-0018



Customised printing available

- ask for more details



Orthosil Silicone

A transparent medical grade silicone alternative to wax. Sticks better than wax and does not melt. Can be moulded. Sold in a box of 50.

DB04-0010

Wax Dispenser

Holds 100 boxes of Relief Wax or Orthosil Silicone.

DB04-0009



Comfort Covers

Can be used for both metal and ceramic brackets. Pack includes 5 pairs (upper and lower).

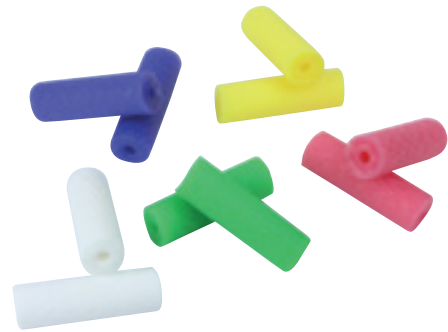
DB04-0140

Aligner Chewies

Biting down on these firm foam cylinders helps to seat aligners and make treatment proceed smoothly and quickly. With proper care, two aligner chewies can last for the duration of one aligner. They can be cleaned with soap and water, diluted mouthwash or with appliance cleaning tablets.

Each pack contains 10 bags of 2 chewies in a hygienic sealed bag.

White unscented	○	DB04-0600
Green mint scented	●	DB04-0601
Purple grape scented	●	DB04-0602
Pink bubble gum scented	●	DB04-0603
Yellow pineapple scented	●	DB04-0604



Aligner Retrievers

This handy tool features specially designed hooks which help to remove clear retainers or aligners with ease. Ideal for people with large fingers. Each pack contains 10 retrievers in a hygienic sealed bag.



Tropical blue	●	DB04-0610
Tropical green	●	DB04-0611
Tropical orange	●	DB04-0612
Tropical pink	●	DB04-0613
White	○	DB04-0614



- see page 124 for more information.



Debonding Burs

Debonding Burs are now supplied in blister packs*. Back wrapper peels off easily, providing individual access to burs. Remaining burs are kept secure and well protected.

Lingual Bur 	Latch Grip	DB04-0115 / Pk 5
Lingual Burs 	Friction Grip	DB04-0116 / Pk 5
Fine Debonding Burs 	Latch Grip	DB04-0118 / Pk 10
Medium Debonding Burs 	Latch Grip	DB04-0119/1 Each DB04-0119 / Pk 10
High Speed Debonding Burs 	Friction Grip	DB04-0120 / Pk 10
Round Debonding Burs 	Latch Grip	DB04-0121 Each



**BEST
SELLER**



*DB04-0119/1 and DB04-0121 are supplied loose.



Missed our popular Evolve brackets?

See page 10 for details.





alegra

W&H Alegra Contra-Angle WE56

Contra-angle handpiece with push-button chucking system, for contra-angle burs with diameter 2.35mm.

- Drive speed: 40,000 rpm
- Head size: 10.1mm
- Head height (with 19 mm bur): 20.8mm

Contra-angle handpiece 1:1

DB06-WE56



W&H Alegra Contra-Angle WE66

Contra-angle handpiece with push-button chucking system, for contra-angle burs with diameter 2.35mm.

- Drive speed: 40,000 rpm
- Head size: 10.1mm
- Head height (with 19 mm bur): 20.8mm

Contra-angle handpiece 4:1

DB06-WE66

W&H Alegra Contra-Angle HE43

Straight handpiece with twist tension chucking system, for handpiece and contra-angle burs with diameter 2.35mm.

- Drive speed: 40,000 rpm
- Straight handpiece 1:1

DB06-HE43



Other W&H Handpieces available
- contact us for more details.

Welcome to the DB Lab Supplies section of the catalogue. DB Lab Supplies is our dedicated laboratory division. We have been selling orthodontic laboratory products for many years and our range is continually expanding. We have an excellent range of everyday lab essentials including ball clasps, Labloc adhesive, DB lab wire and Iconic polishing discs.

Our Iconic thermoforming range includes the popular Iconic Original Retainer Material and the hard wearing Iconic Alpha, Iconic Dual Laminate used in the construction of sleep medicine appliances, and the Iconic VF1 vacuum forming machine.

DB Lab Supplies offers an extensive range of laboratory burs including our cool tungstens – a set of high yield zirconium nitride coated TC burs, used for trimming orthodontic resin without clogging. We also have our complete range of Ixion lab instruments.



Iconic Original is brilliantly clear and rigid when formed. It is perfect for orthodontic retainers, aligners for minor tooth movement, occlusal splints, and bruxism splints. Iconic Original accepts bonding materials. The protective clear foil on both sides is heat resistant and can be used as a spacer when forming retainers. There is no need to insulate the model when using the clear foil. Sold in packs of 50.

	120mm Round Clear	5" Square Clear	125mm Round Clear
0.75mm	DBL3-0602	DBL3-0600	DBL3-0601
1mm	DBL3-0605	DBL3-0603	DBL3-0604
1.5mm	DBL3-0608	DBL3-0606	DBL3-0607



Iconic Alpha is a strong and extremely durable thermoformed material. Indications for use include orthodontic retainers, aligners for minor tooth movements, bite planes, occlusal splints, and snoring appliances. It does not bond with acrylic. Iconic Alpha is cloudy when formed. Sold in packs of 50.

	120mm Round Clear	5" Square Clear	125mm Round Clear
1mm	DBL3-0801	DBL3-0802	DBL3-0800



Iconic Bleaching Tray Material is a specially formulated EVA which heats and forms easily with great conformity to the model. The material is brilliantly clear, soft and flexible when formed, making it comfortable for the patient. Superb accuracy is achieved after forming. This results in brilliantly defined margins, stopping any bleaching gel from seeping from the reservoir and allowing a much more successful process, therefore protecting the patient's soft tissue. Sold in packs of 25.

	120mm Round Clear	5" Square Clear	125mm Round Clear
1mm	DBL3-0054	DBL3-0055	DBL3-0058
1.5mm	DBL3-0056	DBL3-0057	DBL3-0059



Iconic Semi Rigid Bleaching Tray Material is a higher density bleaching tray formulation, resulting in more rigid bleaching trays when thermoformed. A higher melting temperature prevents overheating and over thinning of the bleaching tray. Sold in packs of 25.

	5" Square Clear
1mm	DBL3-0820





Soft pliable EVA material, great conformity to the model with excellent strength and flexibility. Can be used for model duplications, mouthguards, nightguards and bleaching trays. Easily laminates. Sold in packs of 25.



	120mm Round Clear	5" Square Clear	125mm Round Clear
2mm	DBL3-0003	DBL3-0008	DBL3-0105
3mm	DBL3-0004	DBL3-0009	DBL3-0104
4mm	DBL3-0005	DBL3-0010	DBL3-0106



Iconic Dual Laminate can be used to fabricate a variety of thermoformed retainer / mouthguard appliances. It is particularly effective when used in the construction of bruxism appliances (2mm), due to its hard wearing occlusal contact surface. Iconic Dual Laminate can be bonded to acrylic, and can be used in the construction of Sleep Apnoea appliances (3mm). Sold in packs of 6.

	120mm Round Clear	5" Square Clear	125mm Round Clear
2mm	DBL3-0109	DBL3-0107	DBL3-0108
3mm	DBL3-0119	DBL3-0117	DBL3-0118



The bleaching tray revolution is here - prepare the perfect bleaching tray reservoirs quickly and effectively time after time.

- Quick curing time.
- No waxy residue smear layer.
- Very smooth, even finish so no additional working required.
- Cures with halogen or UV light.

Iconic Pro is a high yield product, with its easy flow properties one tube lasts longer than conventional block out gels.

1 Pack = 2 x 2ml syringes & 6 mixing tips.

DBL2-0002



ICONIC™ VF1 Vacuum Forming Machine

The Iconic VF1 Vacuum Former has the following features:

- Easy to use.
- Powerful vacuum forming machine - 1400W vacuum motor.
- Carbon heating element, no pre-heat required.
- Unique blank support for heating both sides of the plate (rotating plate), for use on mouthguards and dual compound materials.
- Model holder can be used flat or as cup to submerge model.
- Suitable for 125mm round or 5" square blanks.
- Powerful automatic vacuum start - micro-switch starts on lowering plate.
- 1 year warranty.

DBL6-0500



Iconic Stainless Steel Balls

Highly polished Iconic Stainless Steel balls, used for securely positioning models when thermoforming. Reduces the need to trim the model. Can be used with the Iconic VF1 vacuum former. 2kg tub.

DBL6-0510

Atomium

Atomium non precious alloy range specially developed for both crown and bridge, and partial denture's. Atomium is a premium quality range of dental alloys offering outstanding performance, and a reliability the dental laboratory can trust. All Atomium alloys are compliant with ISO 22674 and CE marked.



Atomium Solaris

Solaris is a premium quality Cobalt Chromium porcelain fused alloy, which is Nickel and Beryllium-free. Solaris is predictably easy to cast, trim and finish. Compatible with all internationally accepted porcelains, with green oxide finish for superior shade control. Solaris excellent formulation means it can be used for all crown and bridge frameworks and copings. Sold in 100g.

DBL1-0001

Atomium Luna

Luna is a porcelain fused alloy which has excellent properties for copings and frameworks, veneering with ceramics or acrylic. Luna is a Nickel Chromium alloy, Beryllium-free. Luna reliably bonds to all porcelains time after time. Luna provides a quality finish at a competitive price. Sold in 100g.

DBL1-0002



Atomium Ingot A

Ingot A is a Cobalt Chromium alloy used in the fabrication of partial denture frameworks, which does not contain Nickel or Beryllium. Ingot A is best described as an extra hard, smooth alloy. When polished Ingot A is a brilliant white colour reflecting the natural colours of the oral cavity. Ingot A has a very low percentage of shrinkage, resulting in a more accurate final fit. This superior alloy makes clasps resistant to distortion, so partials are held in a defined position for the life of the restoration. Atomium Ingot A's price does not reflect its superior performance and finish. Sold in 500g.

DBL1-0003

Properties of Atomium

Values	Solaris	Luna	Ingot A
Atomium Material Type:	CoCr Alloy, Crown & Bridge, Type IV	NiCr, Crown & Bridge, Type IV	CoCr Alloy Prosthetics, Type V
Indications of Use:	Copings & Frameworks for veneering with ceramics or acrylic	Copings & Frameworks for veneering with ceramics or acrylic	Partial Denture Prosthesis, Frameworks & Clasps
Oxide Colour	Green Tint	Grey	N/A
Density (g/cm ³)	8.6	8.2	8.3
Melting Range	1350-1385°C 2462-2525°F	1260-1350°C 2300-2460°F	1300-1370°C 2370-2500°F
Casting Temperature	1485°C 2705°F	1410°C 2570°F	1510°C 2750°F
CTE 25-5000C	14.1	14.0	N/A
CTE 25-6000C	14.5	14.1	N/A
Elongation % (A.F)	8	23	10 (Hard)
Yield Strength (0.2% offset) MPa	475	363	552
Modulus of Elasticity (GPa)	223	281	228
Vickers Hardness (VHN) (A.F)	365	210	380 (Hard)
Composition in %	Solaris	Luna	Ingot A
Nickel (Ni)	-	61.2	-
Cobalt (Co)	61	-	64
Chromium (Cr)	27	25.8	28
Molybdenum (Mo)	6	11	6
Tungsten (W)	5	-	-
Silicon (Si)	1	1.5	X
Magnanese (Mn)	X	X	X
Carbon (C)	X	-	X
Aluminium (Al)	-	X	-
Iron (Fe)	X	-	X

X Denotes content of less than 1%

Atomium

- see page 137 for Atomium Metal
Trimming Burs.



DB Lab Wire - Easy to shape and bend, for all orthodontic appliances.

A highly polished stainless steel wire that is easy to shape and bend whilst retaining its spring hardness. Diamond drawn to achieve highly resistant and even surfaces. Suitable for all orthodontic appliances. Manufactured in the UK. Supplied on 500g wooden reels.

Ø (mm)	Code
0.5	DBL2-0105
0.6	DBL2-0106
0.7	DBL2-0107
0.8	DBL2-0108
0.9	DBL2-0109
1.0	DBL2-0110



Ball clasps

The perfect round shaped one-piece ball clasp. Sold in packs of 100.

Ø (mm)	Code
0.7	DBL2-0007
0.8	DBL2-0008
0.9	DBL2-0009
1.0	DBL2-0010

Stainless Steel Tubing

Hard Stainless Steel Tubing. Easy to solder or weld. Sold in individual - 30cm (12"/1ft) lengths.

Int Ø (mm)	Code
1.5	DBL2-0058
1.25	DBL2-0057
1.13	DBL2-0056
1.0	DBL2-0055
0.9	DBL2-0054



Int Ø (mm)	Code
0.8	DBL2-0053
0.7	DBL2-0052
0.6	DBL2-0051
0.5	DBL2-0050

Quad Helix Arches

Made from 0.9mm (.036") stainless steel with curved ends for easy insertion. No soldering needed. For maxillary and mandible with correct gingival clearance.

X Small	DB52-0000U
Small	DB52-0001U
Medium	DB52-0002U
Large	DB52-0003U



Quad Helix Curved Sheaths

Sold in packs of 10.

DB52-0010

Straight Lingual Sheaths

Sold in packs of 10.

DB52-0011

Pre-Fluxed Solder Sticks

Make soldering easy. Each stick is 10" (25cm) long and .040" (1mm) thick. Ideal for repairing broken cribs.

Sold in pack of 6.

DBL2-0070





Monospray has been specially developed for orthodontic appliances. It has been developed to give a high resistance to flow. It has slow flow properties which prevent slumping into the vault of the palette. Once cured has superior strength and hardness. Can be easily trimmed and polished. Produces accurately fitting appliances (minimal shrinkage). Available in crystal clear and translucent pink. Works well with our coloured orthodontic acrylic.

Liquid	Clear	Pink
500ml	DBL9-0012	DBL9-0020
1 litre	DBL9-0013	DBL9-0021
5 litres	DBL9-0014	DBL9-0022



Powder	
1kg	DBL9-0001
3kg	DBL9-0002
10kg	DBL9-0003
25kg	DBL9-0004



Monospray Trial Kit

Kits	
Clear	DBL9-0030
Pink	DBL9-0031

LabLoc
CYANOACRYLATE ADHESIVE

Features include:

- Great bond strength
- Fast initial cure time

Sold in 20g bottle.

DBL9-0100





New formula

Monospray Plus is formulated using the latest polymer technology. It has a greater working time and a longer gel like state which is advantageous when making functional appliances.

- Monospray Plus will not slump, due to its slow flow properties.
- Greater working time, longer gel like state.
- Superior strength & hardness.
- Excellent optical properties.
- Accurate fit, with minimal shrinkage after polymerisation.
- Can be used for either spray or doughing techniques.
- Available in clear or pink.



Liquid	Clear	Pink
500ml	DBL9-0112	DBL9-0120
1 litre	DBL9-0113	DBL9-0121
Sample Pack	DBL9-0130	DBL9-0131

Powder	Clear
1kg	DBL9-0101
3kg	DBL9-0102



Chameleon Colour Concentrate

Brightly coloured liquid tints for colouring cold cure acrylics. Simple to use, add to clear monomer before use. Sold in 30ml bottles.

Colour	Code
Red	DBL9-0090
Green	DBL9-0091
Yellow	DBL9-0092
Blue	DBL9-0093
Violet	DBL9-0094
Pink	DBL9-0095



DB Rhino Rock modelling resin is a quick and easy alternative to traditional dental laboratory gypsum stone products.

Rhino Rock is most commonly used for making dental impression models used in thermoforming, by pouring directly into an alginate/silicone impression tray. Rhino Rock bench cures within 30 minutes, is dimensionally stable, with zero expansion. It is strong and impact resistant, it will not chip. Rhino Rock models are white opaque in colour and can be 3D scanned.

1 pack = 2 x 800g bottles.

DBL9-0040



Monoseal Plaster Coating Solution. 5 litre.

DBL9-0039

Plaster mixing bowls

Green flexible silicone mixing bowls suitable for plaster or alginate.

Extra Small 110mm	DBL5-0053
Small 120mm	DBL5-0052
Medium 140mm	DBL5-0053




Cool Tungstens





Our special Zirconium Nitride coated Tungsten Carbide burs have been developed for use with all heat and cold cured acrylics and softer EVA materials.





They offer the following advantages over other brands of non-coated burs:

- The coating increases the hardness of the bur's cutting edges - **therefore the bur's life is up to 5 times longer.**
- The coated bur surface is very smooth which reduces friction. A cooler bur **reduces or eliminates clogging.**
- The coated bur is **sharper** which means the appliances can be **trimmed and finished quicker.**



Coarse	
DBL4-84T/XC	
DBL4-88A/XC	
DBL4-47X/XC	
DBL4-52D/XC	

Medium	
DBL4-84T/XF	
DBL4-88A/XF	
DBL4-47X/XF	
DBL4-52D/XF	

Fine	
DBL4-84T/XXF	
DBL4-88A/XXF	
DBL4-47X/XXF	
DBL4-52D/XXF	



Big Burtha Coated Mouthguard Bur

Big Burtha is a **Zirconium Nitride coated** bur which has a larger cutting surface ideal for use on EVA materials. Big Burtha can also be used to trim both cold and heat cure acrylics leaving a smooth finish which is easily polished.

DBL4-0005

“

We've found most burs we use for trimming EVA material clog up and become useless in no time, when we started to use Big Burtha this didn't happen. Big Burtha quickly removes excess material, remains cool, and leaves a smooth finish. This bur just goes on and on!

Daryl Wheeler,
Director & Head Technician,
Bridge Dental Laboratory,
United Kingdom.

”

Coated Tricutter

The Zirconium Nitride coating means the tricutter is suitable for use with all thermoforming materials, heat cure and cold cure acrylics. The coating increases the hardness and durability, allowing an unparalleled longevity and fracture resistance.

DBL4-101/1063



DB's Tricutter is a must for our lab. The special coating makes the bur harder, and longer lasting without breaking.



Wayne Hallam

Sheffield Orthodontic Laboratory.



Plaster Removal Bur

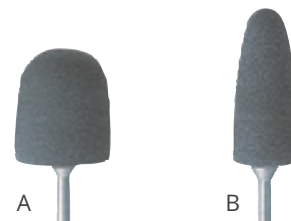
Cross cut super coarse TC bur for removal of plaster and resins. Use between 7-10,000 RPM.

DBL4-CX75SG

Acrylic Polishers

Perfect for polishing all acrylic appliances. Use between 10-15,000 RPM.

Acrylic Polisher A	DBL4-9572
Acrylic Polisher B	DBL4-9573



Micro Soldering Torch

- Piezo ignition
- Fine adjustable flame
- Butane re-chargeable up to 2hrs burn time
- Eliminates heat transfer, for safety and ease of use

DBL6-0520



Atomium coated metal burs

Atomium coated metal trimming burs, offer unsurpassed quality in the processing of dental alloys. Atomium burs will yield a long life due there hardened coating, highly engineered cut and tungsten carbide material.

- Tungsten Carbide
- Atomium hardened coating for unsurpassed performance.
- Atomium hardened coating greatly reduces heat build up, friction, edge degradation.
- Lasts up to 5 times longer than uncoated T/C burs.
- Hardness of 3800HV, Thermal Stability 9000C.
- Available in three common patterns, in medium & fine grade.



A shape Medium Cut
Fig No 251
DBL4-0100



A shape Fine Cut
Fig No 251
DBL4-0103



B shape Medium Cut
Fig No 79
DBL4-0101



B shape Fine Cut
Fig No 79
DBL4-0104



C shape Medium Cut
Fig No 261
DBL4-0102



C shape Fine Cut
Fig No 261
DBL4-0105



- see page 128 for Atomium Metals.





Scorpion Plaster Cutting Disks

- Diamond coated
- Multi-layer
- High yield disks.
- 0.30mm thick



30mm x 0.30mm	DBL4-0650
40mm x 0.30mm	DBL4-0651



Iconic Wheel Saw is a high yield product, which lasts up to 50% longer than other wheel saws. It can be used on hard retainer material, soft EVA material and dual laminate material.

DBL4-0150



Iconic Polishing Discs

Made from 3M Scotch Brite™ polypropylene, non-woven material. Head of disc is thicker than other polishing heads. Head and shank supplied attached. 5 discs per pack.

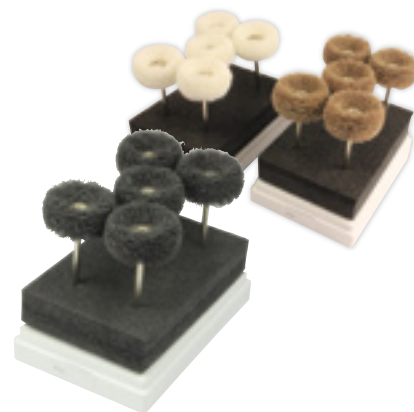
Iconic Fine White Polishing Discs	4S04-1381
Iconic Medium Grey Polishing Discs	4S04-1382
Iconic Coarse Brown Polishing Discs	4S04-1384



We changed to Iconic™ polishing discs because we found the thicker head lasted up to 4 times longer than our previous suppliers. Our technicians love using them because the head remains intact longer without fragmenting and breaking up, overall a great product.

Garry Shaw

Lab Manager,
Trinity Orthodontic Lab,
United Kingdom.



Plaster Knife 17cm
DBL5-0100



Plaster Knife Gritmann 17cm
DBL5-0101



Wax Knife 13cm
DBL5-0104



Wax Knife 17cm
DBL5-0105



Le Cron Fig. 2
DBL5-0110



Le Cron Carver
DBL5-0111



Wax Carver No. 5
DBL5-0112



Pedo Curved Scissors
DB05-0331



Acrylic Saw
DBL5-0600



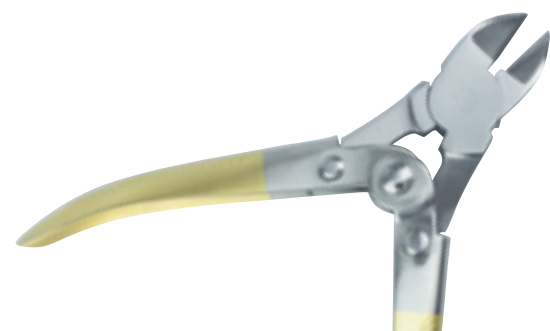
Saw blades
DBL5-0601



Autoclavable Heavy Duty Cutter
with T.C. tips

Maximum cutting capacity: .040" (1mm).

DB05-0500T





All Ixion laboratory instruments are made from German surgical stainless steel with a beautiful satin finish which reduces glare. All instruments have a box joint which provides a reliable, smooth action and ensures the tips align perfectly every time.

One of our most popular laboratory instruments is the ix164 Ixion Adams Plier. For decades Adams pliers have been a must in orthodontic appliance construction. The Ixion Adams Plier has been developed and manufactured to the same specifications as the original Adams, designed by Professor Phillip Adams. The ix164 offers an accuracy and precision not seen with other Adams pliers.



ix164 **Adams Plier**

Inserted tips have a high resistance to deformation or wear under constant use, providing continued accuracy and precision during appliance construction.

Bends hard wire up to .039" (1mm).



We have not seen Adams pliers of this high quality for a very long time. They hold the wire in the beaks without any slipping which helps our technicians to produce the perfect cribs every time. The tips are very fine and show no signs of wear, providing many years of service.



Wayne Hallam, Sheffield Orthodontic Laboratory.

ix165 **Spring Former Plier**

Tungsten Carbide inserted tips. Perfectly machined to produce accurate coil springs.

Bends hard wire up to 0.28" (0.7mm) max.



ix700**Universal General Use Plier**

Both tips are serrated. Bends hard wire up to .039" (1.0mm) max. Cuts hard wire up to .028" (0.7mm) max.

**ix701****Three Jaw Plier**

Can be used to bend the arms of rapid expansion screws.

For hard wire up to .059" (1.5mm) max.

**ix702****Three Jaw Plier**

For hard wire up to .039" (1mm) max.

**ix703****Young Plier**

For labial arches and canine loops.

For hard wire up to .028" (0.7mm) max.

ix704**Swartz Plier**

Arrow clasp forming plier. For hard wire up to .028" (0.7mm) max.

**ix705****Lingual Arch Bending Plier**

Grooved to hold all larger wire sizes, jaw width is .12" (3.05mm). Also ideal for double and triple back bends.

Bends round, square and rectangular wires up to .036" (0.9mm) max.

ix706**Flat Nose Plier**

Both tips are serrated. For use with hard wire up to .036" (0.9mm) max.

**ix707****Conical Flat Nose Plier**

Has one serrated and one smooth tip. For use with hard wire up to .028" (0.7mm) max.

ix708**Optical Plier**

For hard wire up to .028" (0.7mm) max.

**ix710****Flat Nose Plier**

A favourite general purpose plier - both tips of this flat nose plier are serrated with a guiding groove for use by the technician or clinician for chairside adjustments of hard wire up to .028" (0.7mm) max.

ix711**Heavy Duty Bird Beak**

This plier is ideal for the fabrication of labial and lingual arches, quad helix, and many other appliances.

These heavy duty bird beak pliers have special inserted tips which allow the bending of wire up to .039" (1mm).

**ix712****Heavy Duty Hard Wire Cutter**

This plier is ideal for cutting labial and lingual arches, quad helix, and many other appliances.

Double spring design allows for easy cutting of hard wire up to .060" (1.5mm).

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Notes

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EuroLineTM

ilusioTM

DUORINGSTM

ModeTM
Self Ligating Bracket