



## Why choose **Infinitas**?

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

### **Infinitas mini implant system from DB Orthodontics.**

DB Orthodontics' mission is to provide the Orthodontic profession around the world with the best mini implant system.

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

We are continually developing the Infinitas mini implant system, working with leading Orthodontic experts to ensure that our mini implants meet the highest standards expected by today's Orthodontic profession.

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.



*Dr Richard Cousley*






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

A combination of clinical and computerised trials have proven that the Infinitas mini implant system is reliable and provides comfort to both patient and clinician.

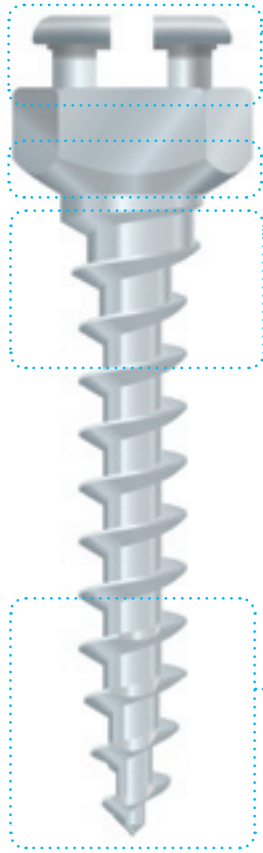
- International patent pending
- U.S. patent pending
- FDA marked 26th Oct 2007
- CE Marked

## Infinitas Mini Implants



Colour Coded	Diameter mm	Body Length mm	Neck	Non-sterile	Sterile	Typical Insertion Sites
	1.5	6	short	DB10-0001	DB10-0009	Mandible & maxillary incisor sites
	1.5	9	short	DB10-0002	DB10-0010	Maxillary buccal sites
	1.5	9	long	DB10-0004	DB10-0012	Palatal alveolar sites
	2.0	6	long	DB10-0007	DB10-0015	Mid-palate
	2.0	9	long	DB10-0008	DB10-0016	Edentulous areas/temporary restorative abutment
				Non-sterile <b>£34.00</b>	Sterile <b>£45.25</b>	

# Features of the System



**Unique Universal Head Design** (patent pending)



Easy and direct attachment of all forms of traction auxiliaries and archwires due to the sophisticated low profile design and in particular no need for custom-made closing coils.

**Angled Transmucosal Neck**

Ensuring close contact to the cortical bone contour at any insertion angle.

**Thread full length of Mini implant body**

The self drilling thread continues through the cortical bone maximising contact and stability.

**2mm diameter through cortical bone**

All Infinitas Mini Implants have a flared (2mm) cervical diameter to increase contact with cortical bone and maximise stability.

**Self drilling insertion technique**

Infinitas Mini Implants do not require pilot hole drilling as they have a self drilling thread.

*(Excessive torque is avoided in areas of dense cortical bone with the use of the unique Infinitas bone punch.)*

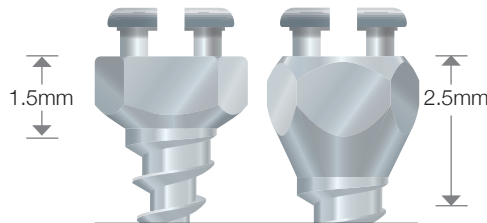
*(Image shown 1.5mm ø 9mm Shortneck Infinitas Mini Implant)*

## Implant Head



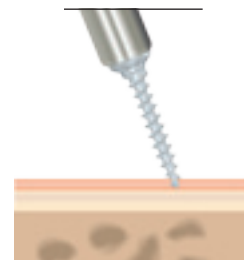
The implant head is designed to facilitate appliance (wire springs and elastomeric chain) placement. Two intersecting slots can accommodate wire up to 21" x 25".

## Transmucosal Neck



Short neck for areas of thin mucosa. Long neck for areas of thick mucosa.

## Self Drilling Thread



All Infinitas mini implants are self drilling assuring easy insertion and maximum stability.










(Image shows clinical intro kit with mini insert components)

# Infinitas

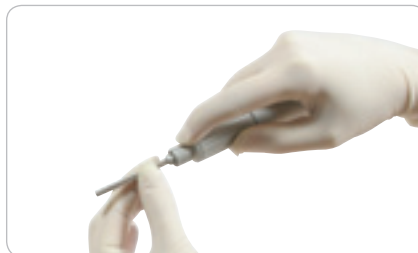
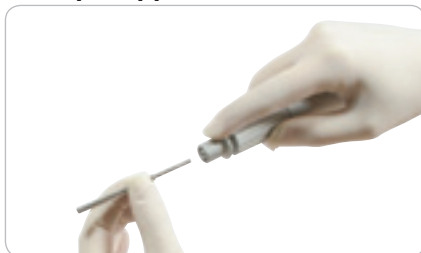
## Mini Implant System

<b>DB10-0063</b>	<b>£670.00</b>	<b>Infinitas Intro Kit Contains:</b>	<b>5 Sterile Implants</b>
<b>DB10-0064</b>	<b>£633.50</b>	<b>Infinitas Intro Kit Contains:</b>	<b>5 Non Sterile Implants</b>

Prices below when sold separately.

DB10-0020	<b>£142.00</b>	Infinitas Standard Handle (each)	
DB10-0021	<b>£40.75</b>	Infinitas Screwdriver Standard Insert (each)	
DB10-0022	<b>£40.75</b>	Infinitas Mucotome Standard Insert (each)	
DB10-0023	<b>£60.00</b>	Infinitas Cortical Punch Standard Insert (each)	
DB10-0029	<b>£195.75</b>	Infinitas Surgical Aluminium Tray (each)	
DB10-0051		Infinitas Clinical Instructions (each)	
DB10-0001 - DB10-0008	<b>£34.00</b>	<b>Included in Non Sterile Kit</b> Infinitas Mini Implants. Non Sterile (x5)	
DB10-0009 - DB10-0016	<b>£45.25</b>	<b>Included in Sterile Kit</b> Infinitas Mini Implants. Sterile (x5)	




### A simple approach: Each insert fits into the standard handle



### Additional components for use in difficult to reach areas (not sold as part of clinical intro kit)

DB10-0025	<b>£78.75 each</b>	Infinitas Mini Screwdriver (Manual)	
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### Mini inserts for use in surgical handpiece

DB10-0026	<b>£42.00 each</b>	Infinitas Screwdriver Mini Insert	
DB10-0027	<b>£45.25 each</b>	Infinitas Mucotome Mini Insert	
DB10-0028	<b>£60.00 each</b>	Infinitas Cortical Punch Mini Insert	

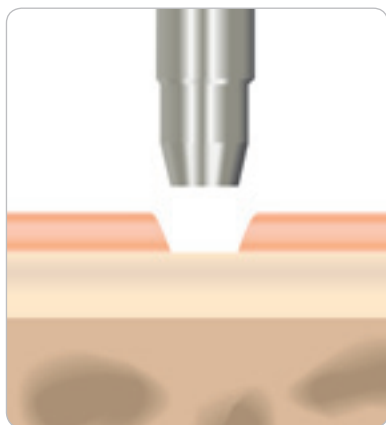


### Mucotome

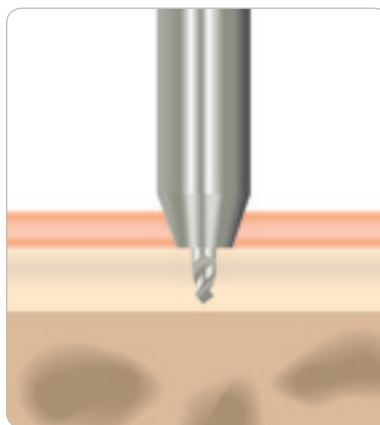
Available as standard insert to fit standard handle or mini insert for use with speed reducing hand piece. The Mucotome removes a 2mm circle of mucosa for use only in areas of thick or mobile mucosa.

### Cortical Bone Punch

Available as a standard insert to fit the standard handle or a mini insert for use with speed reducing hand piece. Unique to the Infinitas system. The Cortical Bone Punch reduces insertion torque in area of dense cortical bone such as the Mandible. \*2mm length, 1mm diameter. Tip has a very sharp T.C. point.



Cross section of bone.



## Speed Reducing Handpiece 128-1

For use with Infinitas mini-inserts.

Infinitas mini-implants should be inserted at speeds not exceeding 20RPM. See Clinical Manual 3.9 for full information.

#### Air Motors using 128-1 handpiece.

1. Set the speed on all air motors to minimum (most work on a minimum of 2000 RPM) this equals 15-6 RPM\*

#### Electric Motors

2. Set speed to 2500 RPM set torque to minimum (this will achieve a speed of 19.5 RPM).

\*Check manufacturers instructions for exact information

DB06-WD74M  
£540.50



With Infinitas mini-screwdriver insert DB10-0026



Infinitas implant positioned into insert



(Image shows Infinitas Guidance Kit DB10-0049S)

# Infinitas Guidance Kit

**Infinitas is the only 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!



**Infinitas Guidance kit £198.25**  
**DB10-0049R** (Round Baseplates)  
**DB10-0049S** (Square Baseplate)

### Guidance Kit Contains:

(Product description and order information for individual components.)

DB10-0030	<b>£69.00</b>	Infinitas Stent Analogue (packet of 5)	
DB10-0031	<b>£65.75</b>	Infinitas Stent Abutment (packet of 5)	
DB10-0032	<b>£22.75</b>	Infinitas Stent Guide Cylinder (packet of 5)	
DB10-0035	<b>£4.50</b>	Analogue C/A Drill for Plaster Model (1 each)	
DB10-0036	<b>£4.50</b>	Analogue S/T Drill for Plaster Model (1 each)	
DB10-0037	<b>£4.50</b>	Analogue Lab Drill for Plaster Model (1 each)	
DB10-0038	<b>£28.25</b>	Analogue Screwdriver (1 each)	
DB10-0039R or DB10-0039S	<b>£5.75</b> <b>£5.75</b>	Infinitas Baseplate 1.5mm - Round (packet of 5) Infinitas Baseplate 1.5mm - Square (packet of 5)	
DB10-0045		Infinitas Plastic Guidance kit box	
DB10-0050		Infinitas Guidance System Instructions (1 each)	

# Infinitas Accessories

## Mini Implant Educational Model

Clear soft model with two Mini-implants placed.

DB10-0071

£110.00



## Clear Chain

For more information see page 55.



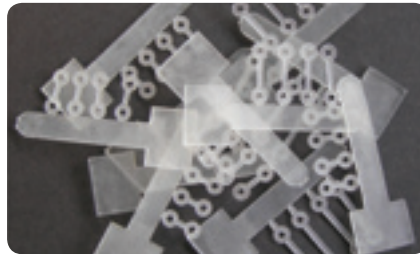
## NiTi Preformed Springs

For more information see page 49.



## E-links

For more information see page 57.



## Educational CD-ROM

Contains Clinical Application of placing Infinitas mini-implant & Laboratory Application of producing a stent.

DB10-0073

