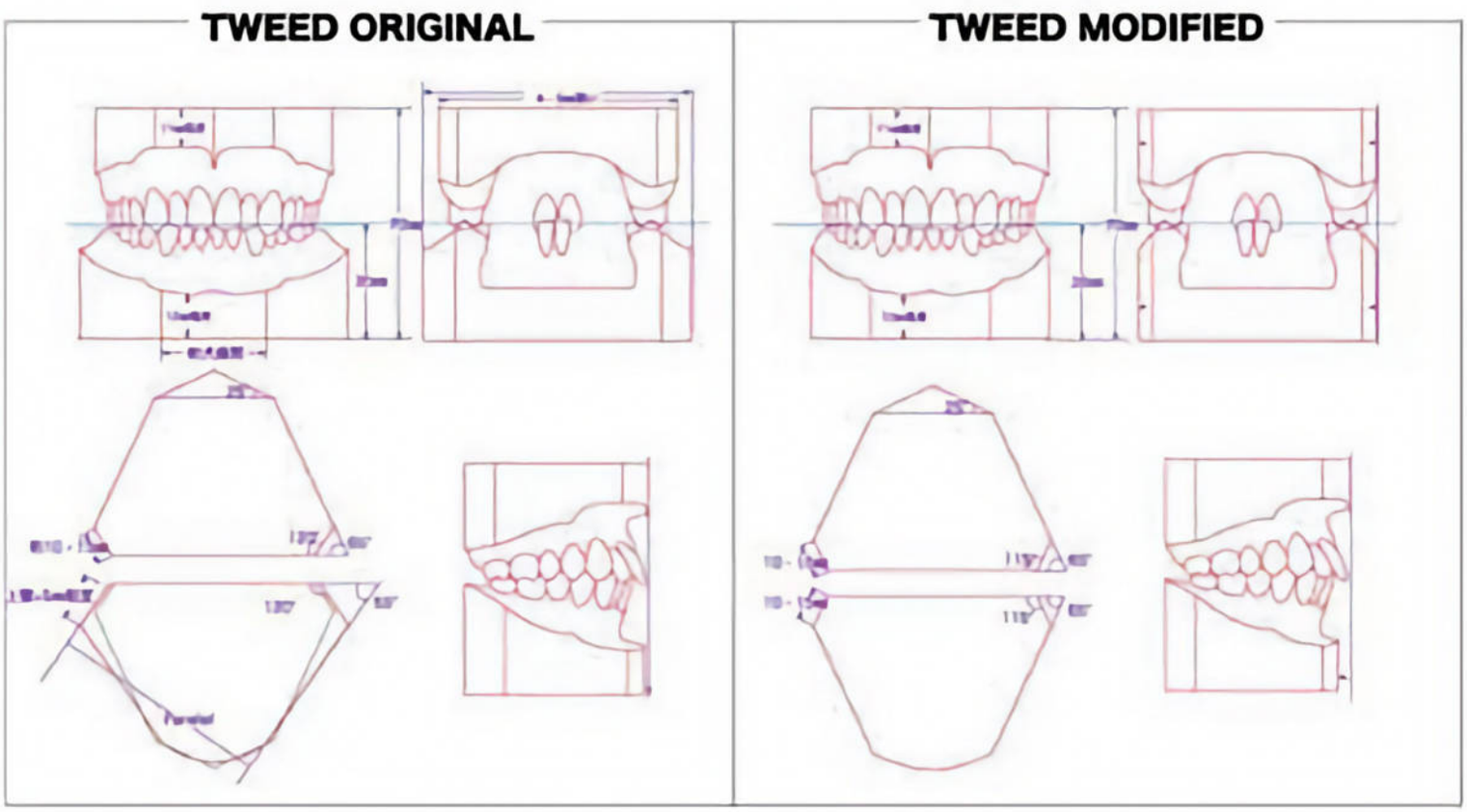




Orthodontics Catalogue



Hauraki Smiles
Dental Laboratory

39a Florence Avenue,
Orewa, Auckland,
New Zealand, 0931

Phone: 09 428 3120
www.haurakismiles.co.nz
info@haurakismiles.co.nz



W-001

Lingual Arch

Commonly referred as "Transpalatal Arch" (TPA). TPA can be used for maintaining transve rsearch widths, anchorage in extraction cases, prevent buccal tipping of molars during Burstonian segmented arch mechanics, transverse anchorage and space maintenance.



W-002

QuadHelix

This appliance can be used to aid arch expansion or to control molar position.:

- Expansion of Upper arch
- Control molar positions
- Can also be used to prevent thumb sucking



W-003

BiHelix

Attached to molar bands
Wire with 2 active helix springs that widen the arch. Lingual wires that extend mesial to the cuspids.

Hauraki Smiles
Dental Laboratory

39a Florence Avenue,
Orewa, Auckland,
New Zealand, 0931

Phone: 09 428 3120
www.haurakismiles.co.nz
info@haurakismiles.co.nz



W-004

Tongue Guard

Tongue crib appliances are extremely effective in breaking tongue thrust habits. They create a mechanical barrier and prevent the tongue from thrusting between the incisors.



W-005

Nance Holding Arch

The Nance button can be used a s a space maintainer, in cases in which the baby teeth have been lost prematurely, and the first molars need to be prevented from coming forward.



W-006

Band Loop Space Maintainer

A Band and Loop is routinely used to hold space for a missing primary (baby) posterior (back) tooth until the permanent tooth can grow in.

Hauraki Smiles
Dental Laboratory

39a Florence Avenue,
Orewa, Auckland,
New Zealand, 0931

Phone: 09 428 3120
www.haurakismiles.co.nz
info@haurakismiles.co.nz



W-007

Pendulum

The Pendulum Appliance is used to correct class II malocclusions by moving back the upper molars. It allows the orthodontist to retract the upper front teeth in the proper position.



W-008

Pendex

The purpose of the pendex appliance is to push your first molars back, creating space in the upper. This appliance is not removable.



W-009

Haas (With Screw)

The design of this expander allows it to apply lateral force to both the teeth and the walls of the palate. This is achieved by using an acrylic borne screw embedded in an acrylic plate.



W-010

Rapid Palatal Expansion

The expander is a custom-made orthodontic appliance which is bonded (cemented) to the posterior upper teeth and which allows enlargement of the palate.



W-011

Rapid Palatal Expansion

(McNamara Type)

The RME-Sz protocol is as effective as the RME-only protocol in increasing the width of the maxillary arch, whereas it can induce a significantly more favourable increase in the transverse width of the mandibular arch.



W-012

Compact Rapid Expansion

This is very compact with design innovations that make it ideal for smaller palates where application size and versatility are top priorities



W-013

Compact Rapid Expansion (Anterior)

This appliance is designed to create room in the patient's mouth by widening the upper or lower palate.



W-014

Bulldozer



W-015

Palatal Bar

The purpose of this appliance is to prevent your upper molars from moving. The palatal bar is not removable.



R-001

Wrap Around Retainer (Upper)

Constructed of wire on the outside and plastic on the inside. These do a good job of keeping spaces closed.



R-002

Wrap Around Retainer (Lower)

The Wrap Around Hawley offers circumferential retention which allows the teeth to settle into position after treatment.



R-003

Wrap Around Retainer (connecting Wire)



R-004
Wrap Around Retainer
(C Clasp)

* Acrylic in the palate
* Cuspid to cuspid Hawley labial bow with adjustment loops
* Circumferential clasps around the distal of the 1st & 2nd molars.



R-005
Wrap Around Retainer
(Slim Type)



R-006
Wrap Around Retainer
(With Resin Pad)



R-007

Hawley Retainer

The Hawley retainer includes a metal wire that typically surrounds the six anterior teeth and keeps them in place. The labial wire, or Hawley bow, incorporates 2 loops for adjustment. It is anchored in an acrylic arch that sits in the palate (roof of the mouth).



R—008

Spring Retainer

Spring retainers are removable orthodontic appliances that not only preserve your teeth but can actually help make them straight again!



R-009

Spring Retainer

(With Extensions)



R-010

Spring Retainer

(Titanium Wire)

Spring retainers are removable orthodontic appliances that not only preserve your teeth but can actually help make them straight again!



R-011

Wire Retainer



R-012

Bonded Retainer

(Resin Type)



R-013

Bonded Retainer

(Metal Type)

Fixed/bonded retainers are usually bonded to the back surface of the teeth so they cannot be seen during day to day activity.



R-014

Soft Retainer

This retainer is pressed with hard sheet, and soft sheet acrylic. Preventing relapse post-treatment.



R-015

Invisible Retainer

Pressed with hard sheet acrylic, designed to prevent post-treatment relapse.



R-016

QCM Retainer

The new highly aesthetic clear labial bow retainers are excellent for your teenage and adult patients. The labial bow will remain crystal clear and guaranteed not to stain or discolor with extended wear. The "QCM" retainer can be used in both the upper and lower arch.



R-017

QCM Retainer

(With Connecting Wire)

The new highly aesthetic clear labial bow retainers are excellent for your teenage and adult patients.The labial bow will remain crystal clear and guaranteed not to stain or discolor with extended wear. The “QCM” retainer can be used in both the upper and lower arch.



P—001

Tongue Lifting Wedge Plate

This appliance blocks depression of the tongue to elevate the tongue positively.



P—002

Expansion Plate (Upper)

Used mainly to improve a narrow arch, it is possible to adjust the retention.



P-003

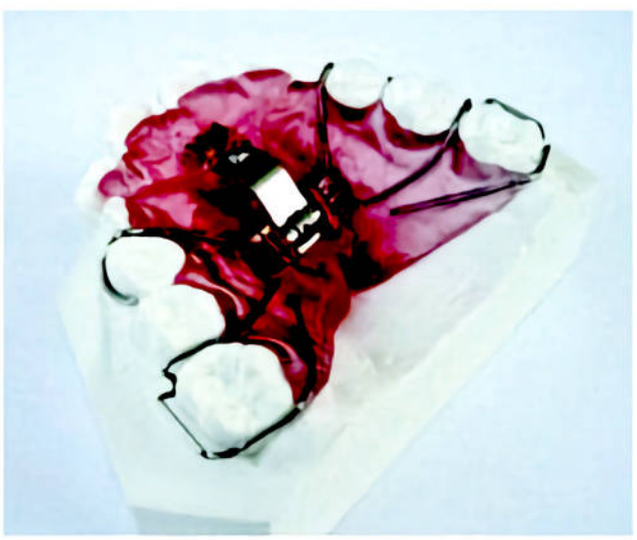
Expansion Plate (Lower)



P—004

Expansion Plate

(Fan Type Screw)



P-005

Expansion Plate

(3D Type Screw)



P-006

Expansion Plate

(Distal Movement)



P-007

Expansion Plate

(Anterior Movement)



P-008

Active Plate

(Add Posterior Bite Plate)

Hauraki Smiles
Dental Laboratory

39a Florence Avenue,
Orewa, Auckland,
New Zealand, 0931

Phone: 09 428 3120
www.haurakismiles.co.nz
info@haurakismiles.co.nz



P-009

ACCO

The acrylic cervical occipital appliance is also known as the ACCO. The appliance consists of an acrylic palatal section, Adam's clasps on the first premolars, a labial bow across the incisors, and finger springs against the mesial aspect of the first molars.



P-010

Shamy Plate

This is designed to prevent molar distal movement.



F—001

Bionator

(California Type)

Bionator: Used to posture forward lower jaw and to expand the palate, creating space for incoming teeth.



F-002

Bionator

(Vestibular Wire)



F-003

Twin Block

(With Screw)

Twin block brace is a type of functional brace, which is designed to improve the way teeth bite together. It can produce impressive results, and it shouldn't be long before you start to see a difference.



F-004

Bite Jumping Appliance (B.J.A)

The "bite jumping" appliance is used to enhance the growth oft he lower jaw in a forward direction. It can also be designed to apply pressure to the upper jaw in a backwards direction. This appliance helps to correct the front-to-back relationship of the upper and lower jaws.

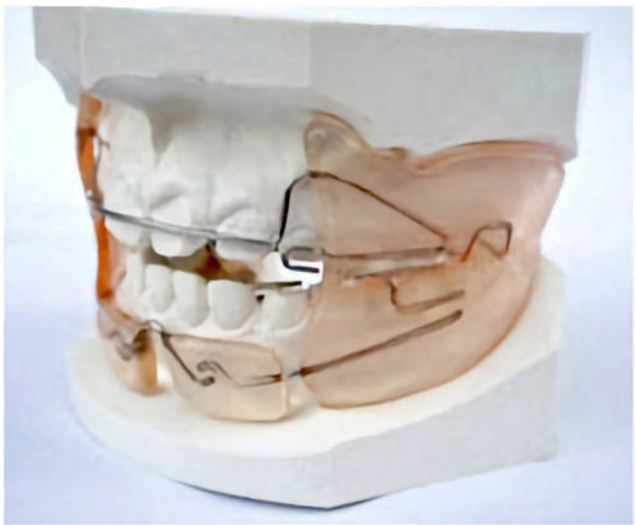


F-005

Activator

(F.K.O)

The activator is a passive tooth-borne appliance designed to move the mandible forward for correction of Class II malocclusions and open the bite.



F-006

FRII

A functional appliance for angle class 1 and class 2 cases. Usually used while sleeping.



F-007

FRIII

A functional appliance for angle class 3 malocclusion.



M-001

Mouth Guard Single

(Press Only)

Simple mouthguard. Can be made in hard or soft material.



M-002

Mouth Guard Dual Press

(Type 1)

Simple mouthguard.

Dual press hard/soft.



M-003

MouthGuardDualPress

(Type2)

Covering cervical area for anteriors, and occlusal surface for molars. A better feeling for the tongue.



M-004

MouthGuardDualPress

(Type3)

Covering anterior teeth 2mm from the edge. A better feeling for the tongue.



1-001
Lingual Indirect
Bonding System



1-002
Labial Indirect
Bonding System



A—001

C Clasp



A—002

Triangle Clasp



A—003

Crozat Clasp



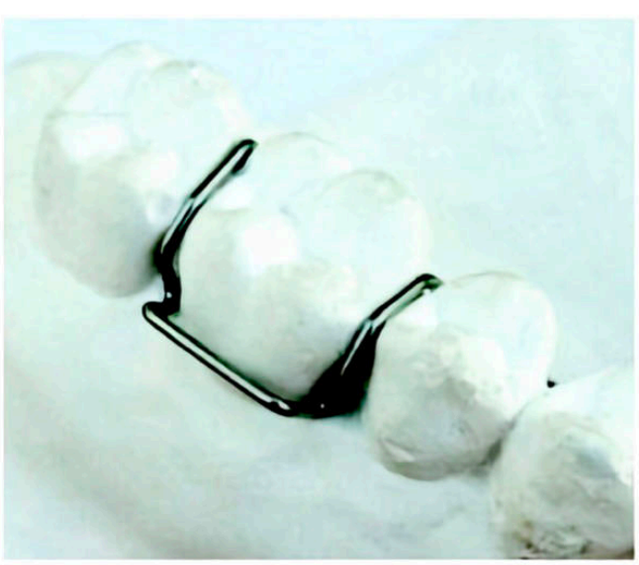
A—004

Ball Clasp



A—005

Double Ball Clasp



A—006

Adams Clasp

Hauraki Smiles
Dental Laboratory

39a Florence Avenue,
Orewa, Auckland,
New Zealand, 0931

Phone: 09 428 3120
www.haurakismiles.co.nz
info@haurakismiles.co.nz



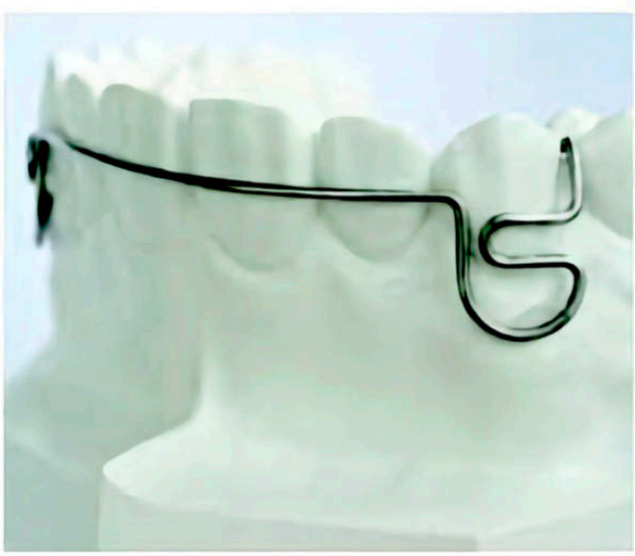
A-007

Labial Wire (Type 1)



A-008

Labial Wire (Type2)



A—009

Labial Wire (Type3)



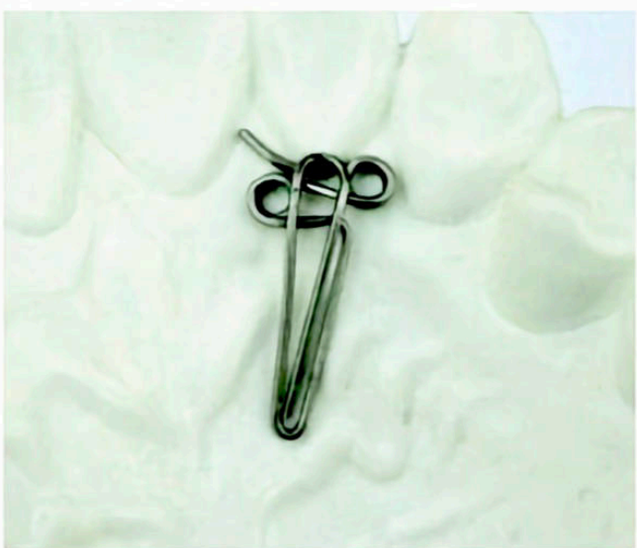
A-010

Spring (Type 1)



A—011

Spring (Type 2)



A--012

Spring (Type 3)

Hauraki Smiles
Dental Laboratory

39a Florence Avenue,
Orewa, Auckland,
New Zealand, 0931

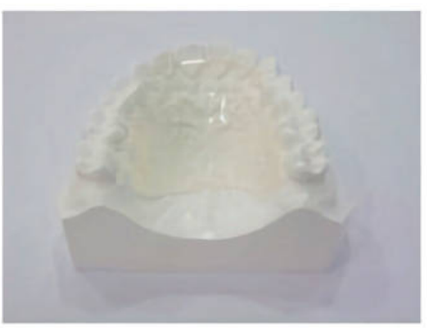
Phone: 09 428 3120
www.haurakismiles.co.nz
info@haurakismiles.co.nz

Available colours

Pink, Clear, Green, Blue, Orange, Red, Rainbow



Pink



Clear



Green



Blue



Orange



Red



Rainbow

MATERIAL

Gypsum: SAN-ESU GYPSUM CO.,LTD (Japan)

Resin: Vertex (Netherlands), YAMAHACI DENTAL MFG, Co (Japan)

Wire: RMO ELGILOY, TRU-CHROME (USA) ORMCO TMA (USA) G&H Wire Company (USA) SANKIN (Japan)

Screw: DENTAURUM (Germany), FORESTDENT (Germany), SCHEU-DENTAL (Germany)

Solder: RMO TRU-CHROME Solder (U.S.A) 3M Unitek (U.S.A)

Thermo Form-ing Sheet: SCHEU_DENTAL (Germany), ERKODENT (Germany), YAMAHACHI DENTAL MFG, CO (Japan)