## **Refill Order Information**



Bands and Crowns are sold separately by size



SIZES	U23 - U42
SIZES	L23 - L42



#### S/M Crowns

SIZES	UL1 – UL7
SIZES	UR1 – UR7
SIZES	LL1 - LL7
SIZES	I B1 - I B7

### Easily search for and add multiple products with different quantities to your shopping cart at denovodental.com



# **DENOVO**°



## SPACE MAINTAINER WIRES

383-003

Wires are sold separately in boxes of 10, specified by size: Narrow or Wide





**Occlusal Rests** 





**Drop Wires** NARROW 380-001 WIDE 380-003



**Distal Shoes** NARROW 381-001 WIDE 381-003

## **Denovo Band Instruments**





## **Chairside Space Maintainer System**

**Application Procedures** 



\*see website for details



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Aspiration/Ingestion possibility. Use rubber dam on Aspiration/Ingestion possibility. chewy substances which could dislodge appliance.

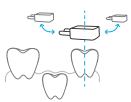
> Denovo products are sold clean but not sterile; sterilization prior to use is recommended for patients with compromised immune systems.





## **Band & Crown Application**





TRIAL FIT: Select an approximate band or crown and trial fit to tooth. A properly seated band will be difficult to dislodge or push gingivally. Do not apply pressure to the space maintainer tube section.

If trial fit is incorrect, sterilize the band for future use\*.





INSERT WIRE & ADJUST LENGTH: Insert space maintainer wire into tube and trial fit assembly in mouth. NOTE: There are two width sizes for wires; narrow and wide. Wide wires go on the larger band sizes and crowns. Check that wire width matches the tube width. Slide wire to desired length.

If the wire is too long, trim the wire with Denovo Wire Shears or a diamond disk. In applications involving very small spaces, the tube may need to be trimmed as well. Use a diamond disk to cut tubes.

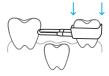
With the Denovo Tube Crimping Plier, lightly crimp tube over wire to hold the position.





**CRIMP:** Remove the appliance from mouth. Crimp both tubes firmly, making sure the crimps are over the inserted wire. Check appliance for stability. Wire should not move. More than one crimp may be made on each tube.

**SEAT:** re-seat appliance on the tooth. The entire appliance should be free of occlusal contact with the opposing arch. Cement band or crown with your preferred glass ionomer.



<sup>\*</sup> Used parts that are to be re-used need to be cleaned, disinfected, and sterilized prior to next use. Automatic procedures for washer/disinfecting unit and the sterilizing unit should be used when possible.

## **Wire Types & Application**

#### **Plain Wires**



Highly customizable, with the ability to adapt to most clinical situations

# **Occlusal Rest Wires**

Provides more stability, support and strength to the appliance by bending the occlusal wire over the occlusal ridge (application details below)

## **Drop Wires**



Used to seat against an erupted permanent tooth after the loss of a primary second molar (application details below)

#### **Distal Shoe Wires**

Used to seat subgingivally when a patient's 2nd Primary Molar has been lost prematurely, and the 1st Permanent Molar hasn't erupted yet. (application details below)

## **Drop Wire**



**USING THE DROP WIRE:** A drop wire can be used when the patients permanent tooth has erupted, and they've already lost their primary second molar. A straight wire could potentially go down into the gum-line. A better option is to use the curved drop wire, which meets the mid-crown surface of the adjacent

# **Occlusal Rest Wire**

**USING THE OCCLUSAL REST:** An occlusal rest wire can be used for added strength of the appliance. The occlusal rest is seated in a groove cut into the distal marginal ridge of the tooth adjacent to the space. For added stability, a small amount of cement may be placed over the occlusal rest after seating.

## **Distal Shoe Wire**



**USING THE DISTAL SHOE:** The distal shoe provides support when the opposing tooth has yet to erupt. If used after extraction, the distal shoe is placed down the distal wall of the extracted socket. If used on a healed edentulous space an incision is made with a sterile scalpel. The position of the incision should be determined by examining x-rays of the area. Prior to cementation, x-ray the appliance in the mouth to insure proper fit.