

# The Mini-Mold™ Technique - Instructions for use



## Tube Bonder Instructions

*Make your own resin molar tubes*

- 1 Etch and prepare the tooth surface as recommended by the adhesive manufacturer.
- 2 Insert the tube bonder tip into the handle.
- 3 Pack Light Cure Resin into the tip so that the tip is completely filled.
- 4 With nylon filament on the mixing pad, place the mold over the filament to pick it up to carry to the tooth. NOTE: .030 solid thread can be used in place of nylon filament.
- 5 Place on the molar using the filament as an alignment guide. Cure with curing light (5 to 20 seconds depending on the light intensity and material).
- 6 Remove the mold and remove the filament from the resin to create the hole for the wire to be placed.
- 7 Manufacturer suggests Tube Bonder Tips may be cold sterilized.



REF MMTBK



## Habit Control Spike Bonder Instructions

*A small conical spike, attached to the lingual of the incisors, ends thumb sucking and tongue thrusting*

- 1 Etch and prepare the tooth surface as recommended by the adhesive manufacturer.
- 2 Insert Habit Control Bonding tip into handle - Note: Slightly moisten tip before inserting handle.
- 3 Fill the tip with a fast curing Light Cure Resin.
- 4 With light pressure, press and hold the tip on the lingual of the first tooth requiring the spike.
- 5 Cure with curing light (typically 5 to 20 seconds, depending on light intensity and material).
- 6 Remove the tip by slowly pulling straight away from the tooth.
- 7 Refill the tip and follow the same procedure for each tooth requiring a Habit Control Spike.
- 8 Manufacturer suggests Habit Control tips may be cold sterilized.



REF MMHCK



## Wire Bonder Instructions

*Ideal for making direct retainers in minutes*

- 1 Etch and prepare the tooth surface as recommended by the adhesive manufacturer.
- 2 Measure the length of the wire necessary to extend to the middle of the end teeth to be bonded. Use a soft temper stainless steel wire up to .020 or form a multi-strand wire to the correct contour of the teeth to be bonded.
- 3 Insert bonder forming tip into the handle, fill tip with a fast curing Light Cure Resin.
- 4 With light pressure, press the tip on the tooth and engage the wire into slot, parallel to the alignment ribs.
- 5 Cure with curing light (typically 5 to 20 seconds, depending on the light intensity and material).
- 6 Bond the central teeth first and proceed distally.
- 7 Manufacturer suggests Wire Bonder tips may be cold sterilized.



REF MMWBKSM Small  
REF MMWBKLG Large



## Bracket Bonder Instructions

*Make your own resin single edgewise brackets*

- 1 Etch and prepare the tooth surface as recommended by the adhesive manufacturer.
- 2 Insert the bracket bonder tip into the handle.
- 3 Pack Light Cure Resin into the tip so that the tip is completely filled.
- 4 With light pressure, press the tip on the tooth where you need a bracket. NOTE: The bracket slot runs perpendicular to the alignment rib.
- 5 When the light cure resin is fully cured (typically 5 to 20 seconds, depending on light intensity and material), slowly peel the tip away by rotating it sideways so as not to damage the button or the tip.
- 6 Manufacturer suggests Bracket Bonder Tips may be cold sterilized.



REF MMBRKT



## Bite Ramp Bonder Instructions

*Creates a bite-opening ramp on the lingual of the upper anterior teeth*

- 1 Etch and prepare the tooth surface as recommended by the adhesive manufacturer.
  - 2 Insert Bite Ramp Bonder tip into handle. NOTE: Slightly moisten tip with water, then insert tip into handle.
  - 3 Fill the tip with a fast curing Light Cure Resin.
  - 4 With light pressure, press and hold the tip on the tooth making sure the small tab on the bonder tip is facing the gingival.
  - 5 Cure with curing light (typically 5 to 20 seconds, depending on light intensity and material).
  - 6 Remove the tip by slowly pulling straight back.
  - 7 To insure that the bite ramps are equal on both teeth use a bracket height gauge/marker and mark the lingual of the upper centrals where you want the top of the bonder tip to be located.
  - 8 Manufacturer suggests Bite Ramp Bonder tips may be cold sterilized.
- NOTE:  
Bite Ramp Bonders are available in 3mm and 5mm lengths. 5mm molds have a blue ID mark on the handle end.



REF MMBITEK 3mm  
REF MMBITE5K 5mm



## Posterior Molar Pad Instructions

*Creates a bite-opening bump on the molars*

- 1 Etch and prepare the tooth surface as recommended by the adhesive manufacturer.
- 2 Insert Molar Pad tip into handle. NOTE: Slightly moisten tip with water, then insert tip into handle.
- 3 Fill the tip with a fast curing Light Cure Resin.
- 4 With light pressure, press and hold the tip on the tooth where you need a pad.
- 5 Place bonds Bi-laterally, balance the occlusion.
- 6 Cure with curing light (typically 5 to 20 seconds, depending on light intensity and material).
- 7 Slowly peel the tip off.
- 8 Can be used as needed on the cusp, fossa or marginal ridge.
- 9 Remove resin by grinding or chipping off with a bracket remover.
- 10 Manufacturer suggests Molar Pad tips may be cold sterilized.



REF MMMPTK



## Button Bonder Instructions

*Forms a functional lingual button without impressions*

- 1 Etch and prepare the tooth surface as recommended by the adhesive manufacturer.
- 2 Insert the Button bonder tip into the handle.
- 3 Pack Light Cure Resin into the tip so that the tip is completely filled. Note: It may be necessary to use a small composite tool to push the composite into the undercut areas of the tip.
- 4 With light pressure, press the tip on the tooth where you need a button.
- 5 When the light cure resin is fully cured (typically 5 to 20 seconds, depending on light intensity and material), slowly peel off the tip by rotating it sideways so as not to damage the button or the tip.
- 6 Manufacturer suggests Button Bonder Tips may be cold sterilized.



REF MMBTNK



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## Mini-Mold™ Starter Kit



Starter Kit features three (3) of each mold design, two (2) application handles and instructions.

REF MMASSTK

## Mini-Mold™ Replacement Handle



REF MMH

Additional Molds Available -

**LATERAL BONDING KIT** [REF] MMLATB4K (4 Tips) [REF] MMLATB8K (8 Tips)

**CUSPID RAMP KIT** [REF] MMCUSRK (8 Tips)

**UNIVERSAL BITE OPENING KIT** [REF] MMUBITEOK (8 Tips)

Also available from G&H<sup>®</sup> Orthodontics -

**MINI-MOLD COMPATIBLE ADHESIVES**

**Reliance<sup>®</sup> Quick Cure Light Activated Orthodontic Adhesive Kit**  
Four (4) 5g push syringe paste, 6cc Assure Sealant, 23g etch, disp, brushes, spatulas & mix pads, fluoride releasing, 10 second cure time.

[REF] QCPAS

**Reliance<sup>®</sup> Assure Light Cure Orthodontic Adhesive**

Four (4) 5g screw syringe paste, 6g sealant, 9g etch, brushes, spatulas & mix pads.

[REF] AKP

**Reliance<sup>®</sup> Light Bond Light Cure Orthodontic Adhesive Kit**

Four (4) 5g push syringe paste, two 3cc sealant, 23g etch, disp, brushes, spatulas & mix pads, fluoride releasing.

[REF] LBEPF



# THE MINI-MOLD™ TECHNIQUE

## INSTRUCTIONS FOR USE



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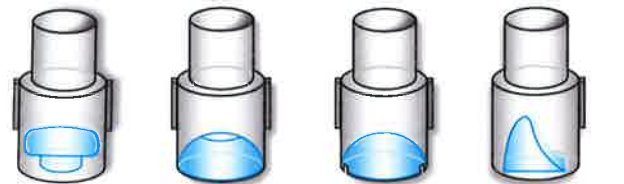


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**Mini-Mold™ Components**

See other side for complete descriptions



Button Bonder

Posterior Molar Pad

Wire Bonder

Bite Ramp Bonder



[REF] MMBTNK



[REF] MMMPTK



[REF] MMWBKSM Small  
[REF] MMWBKLG Large



[REF] MMBITEK 3mm  
[REF] MMBITE5K 5mm



Tube Bonder

Bracket Bonder

Habit Control Spike



[REF] MMTBK



[REF] MMBRKTk



[REF] MMHCK



**Mini-Mold™ Starter Kit**