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<td>P.K. Thomas Waxing Instruments</td>
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<td>Dr. Domenico Massironi Instruments</td>
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### RESTORATIVE SET-UPS

#### TOTAL RESTORATIVE SET-UP
(Composite, Crown & Bridge, Amalgam)

<table>
<thead>
<tr>
<th>IMRESTOP</th>
<th>DESCRIPTION</th>
<th>SUGGESTION</th>
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<tbody>
<tr>
<td>Large IMS Infinity Series™ 16 Instrument Cassette, Blue</td>
<td>IMN4168</td>
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<tr>
<td>Satin Steel Mirror Handle</td>
<td>MH6</td>
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</tr>
<tr>
<td>5 Front Surface Mouth Mirror, 3 pack</td>
<td>MIR5/3</td>
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</tr>
<tr>
<td>23/CP-12 Color-Coded Exprom, Satin Steel Handle</td>
<td>XP23/126</td>
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</tr>
<tr>
<td>18 Excavator, Satin Steel Handle</td>
<td>EXC186</td>
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<tr>
<td>113 Serrated Gingival Cord Packer, Satin Steel Handle</td>
<td>GCP1136</td>
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<tr>
<td>Calcium Hydroxide Placement Instrument, Satin Steel Handle</td>
<td>PICH6</td>
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<tr>
<td>0/1 Marquette Condenser, Satin Steel Handle</td>
<td>PLGO/16</td>
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<tr>
<td>1/2 Blk Condenser, Satin Steel Handle</td>
<td>PLGI/26</td>
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<td>Regular/Large CFII Amalgam Carrier</td>
<td>AC5202</td>
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<td>3/6 Discoid-Cleoid Carver, Satin Steel Handle</td>
<td>CD3/66</td>
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<tr>
<td>8 Wiland Carver, Satin Steel Handle</td>
<td>CVW186</td>
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<tr>
<td>1/2-3 Hollenback Carver, Satin Steel Handle</td>
<td>CVHL1/26</td>
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<tr>
<td>IPC Interproximal XTS Carver</td>
<td>TNCVIPC</td>
<td></td>
</tr>
<tr>
<td>2 Goldstein Flexi-Thin XTS® Composite Instrument</td>
<td>TNCIGFT2</td>
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</tr>
<tr>
<td>3 Goldstein Flexi-Thin XTS Composite Instrument</td>
<td>TNCIGFT3</td>
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<tr>
<td>27/29 Burnisher, Satin Steel Handle</td>
<td>BB27/296</td>
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<tr>
<td>24 Spatula, Satin Steel Handle</td>
<td>CS246</td>
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</tr>
<tr>
<td>2 College Dressing Pliers</td>
<td>DP2</td>
<td></td>
</tr>
<tr>
<td>Miller Articulating Paper Forceps</td>
<td>APF2</td>
<td></td>
</tr>
<tr>
<td>Curved Iris Scissors</td>
<td>S18</td>
<td></td>
</tr>
<tr>
<td>CW Aspirating Anesthetic Syringe</td>
<td>SYRCW</td>
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<tr>
<td>Amalgam Well</td>
<td>WA</td>
<td></td>
</tr>
<tr>
<td>Bur Cushion Short Lid, Holds 12</td>
<td>IMS-1372S</td>
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<tr>
<td>Hinged Instrument Clips, 2</td>
<td>IM1000</td>
<td></td>
</tr>
<tr>
<td>A/W Syringe Tip Clip</td>
<td>IM1005</td>
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</table>

#### COMPOSITE/CROWN PREP SET-UP

<table>
<thead>
<tr>
<th>IMCOMPOSIT</th>
<th>DESCRIPTION</th>
<th>SUGGESTION</th>
</tr>
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<tbody>
<tr>
<td>Large IMS Infinity Series™ 16 Instrument Cassette, Blue</td>
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</tr>
<tr>
<td>5 Front Surface Mouth Mirror, 3 pack</td>
<td>MIR5/3</td>
<td></td>
</tr>
<tr>
<td>5 Explorer, Satin Steel Handle</td>
<td>EXD56</td>
<td></td>
</tr>
<tr>
<td>18 Excavator, Satin Steel Handle</td>
<td>EXC186</td>
<td></td>
</tr>
<tr>
<td>113 Serrated Gingival Cord Packer, Satin Steel Handle</td>
<td>GCP1136</td>
<td></td>
</tr>
<tr>
<td>IPC Interproximal XTS® Carver</td>
<td>TNCVIPC</td>
<td></td>
</tr>
<tr>
<td>2 Goldstein Flexi-Thin XTS Composite Instrument</td>
<td>TNCIGFT2</td>
<td></td>
</tr>
<tr>
<td>3 Goldstein Flexi-Thin XTS Composite Instrument</td>
<td>TNCIGFT3</td>
<td></td>
</tr>
<tr>
<td>24 Spatula, Satin Steel Handle</td>
<td>CS246</td>
<td></td>
</tr>
<tr>
<td>2 College Dressing Pliers</td>
<td>DP2</td>
<td></td>
</tr>
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<td>Miller Articulating Paper Forceps</td>
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<td>18 Curved Iris Scissors</td>
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<td></td>
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<tr>
<td>Bur Cushion Short Lid, Holds 12</td>
<td>IMS-1372S</td>
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</tr>
<tr>
<td>Hinged Instrument Clips, 2</td>
<td>IM1000</td>
<td></td>
</tr>
<tr>
<td>A/W Syringe Tip Clip</td>
<td>IM1005</td>
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</tbody>
</table>
Carpal Tunnel Syndrome Prevention: Neurologists recommend alternating instrument handle sizes as one means of reducing stress. Larger diameter handles (#6, #7, #8 and #9) help lighten instrument grasp. Using a combination of various handle sizes plus a more relaxed grasp can help lessen the severity of the symptoms of Carpal Tunnel Syndrome.


HOW TO USE THIS SECTION

Instrument name & pattern
Black’s formula
Part code of pictured instrument
Handle options:
Available handle designs

See index for all available part codes of a specific pattern.
### Stainless Steel Crowns Accessories

- #19 Excavtor, Satin Steel Handle | SS20616
- 313 Mini Spatula/PICH Satin Steel | MH6
- #5 F5 CS Mirror, Single Sided, Single | MIR5
- Cone Socket Mirror Handle, Satin Steel | MH6
- Dressing pliers | DPUI17
- Crown & Gold Curved, Scissors, Pedo | SGC0P
- Crown & Band Contouring Pliers | 678-221
- How Pliers, Straight | 678-203
- Band Crimping Pliers Orthodontic | 678-225
- G8 Large Thin Ortho Cassette Blue | IM68THL

### Minimally Invasive Kit

- Goldstein Micro Placement Instrument | TNMGPI
- #2 DE Excavator | EXK02T2
- #2 DE Burnisher “Hammacher” | BBK02T2
- 4 IPC DE Carver | CVIPCK04
- #23 Explorer | EXK02T3
- #2 Kotschy Plastic Filling Inst. | PFIK02T2
- 2 DE Plugger Non-Serrated | PLGK02T2
- 10 Inst. Sig | IM3107

### Cassette Composite Kit

- Cone Socket Mirror Handle | MH6
- #5 Double-Sided Mirror | MIR5DS
- #8 Excavator, Satin Steel Handle | EXC106
- 1 XTS Goldstein Flexi-Thin | TNCIGFT1
- 27/29 Burnisher | TNBB27/29
- #3 XTS Goldstein Flexi-Thin | TNCIGFT3
- XTS 4/5 Gregg Off-Angle Composite Instrument | TNPFIG4/5
- IPC Interproximal XTS Carver | TNCVIPC
- Mini Spatula and Placement Instrument, #6 handle | SP60616
- 10 Inst. Sig Cassette | IM3107

### Black Line Rubber Dam Clamp Kit

- Rubber Dam Clamp #13A, Black Line | RDCM13AX
- Rubber Dam Clamp #12A, Black Line | RDCM12AX
- Rubber Dam Clamp #14, Black Line | RDCM14X
- Rubber Dam Clamp #27N, Black Line | RDCM27NX
- Rubber Dam Clamp #W8A, Black Line | RDCM8WAX
- Rubber Dam Clamp #212, Black Line | RDCM212X
- Rubber Dam Clamp #2A, Black Line | RDCM2AX
- Rubber Dam Clamp #26, Black Line | RDCM26X
- Rubber Dam Clamp Organizing Board | RDCOB
Small universal style with rounded plugger tip and a narrow paddle for initial placement and contouring of Class I, II and III restorations.

Larger universal style for final placement and contouring of Class I, II and III restorations.

Flexible, reversed, flared paddle design for shaping and placement of Class III and IV restorations.

Large reverse angle tips make it easy to place fissures, grooves and pits creating the ideal occlusal anatomy in hard to reach posterior areas.

Flexible, paired, offset, paddle-shaped blades for placing and shaping material on posterior, mesial and distal surfaces. Reverse angle is also useful for placing and shaping anterior bonded restorations.

Composite instrument ends (XTS and standard Stainless Steel) should be gently wiped with an alcohol saturated swab/gauze immediately after use. This minimizes thin layers of composite from building up after use and extends the life of the instrument. Instrument should then be cleaned and sterilized as recommended in IFU.
GOLDSTEIN FLEXI-THIN COMPOSITE INSTRUMENTS

**Micro-Mini | TNCIPCS**
Micro-Mini for extremely small pits and fissures.

**Mini 1 | TNCIGFTM11**
Mini version of the TNCIGFT1 for small pits and fissures, tunnel preparations or minor tooth defects on lower anteriors.

**Mini 3 Extra-Flex | TNCIGFTM13**
Mini version of the TNCIGFT3. Can also be used for packing gingival retraction cord.

**Mini 4 Extra-Flex | TNCIGFTM14**
Mini version of the TNCIGFT4 for placing and shaping material in difficult to access mesial and distal posterior restorations.

**Micro Placement | TNGMPI**
The TNGMPI is an XTS coated placement instrument comprised of 2 fine working ends; one end of the instrument is at a 90° angle while the other is at a 110° angle making helpful in applying small amounts of tints or opaquers.
**Posterior, Tip #1:** The fine, sharp tip is used to sculpt uncured composite material during modeling.

**Posterior, Tip #2:** Used to plug uncured composite material into the cavity for the centripetal build-up technique (building the interproximal wall to shift from a Class II to a Class I).

**Spatula, Tip #1 & #2:** The thin, sharp spatula is able to apply composite material in small, narrow spaces. It can also sculpt materials in a Class II procedure during the centripetal build-up technique.

**Anterior, Tip #1:** The Solid Brush: once you apply uncured composite material, you are able to sculpt and spread easily. Also excellent for use in modeling composite material in Class V restorations.

**Anterior, Tip #2:** The conical end helps to define mamelon structures in dentin.

---

**3ssential Kit**

Includes: CVKOTIX, TNEXBKRIX, TNCIPAOX, and Black IMS Infinity Cassette

Learn more about WeRestore.it and see case studies with images at Hu-Friedy.com/we-restore-it
AB1
Boghosian
| TNPFIAB1

Unique combination of thin, knife-shaped blade with standard angled blade. Knife blade allows controlled, efficient manipulation of composite even in gingival areas. Application: Class III, IV, V

AB2
Boghosian
| TNPFIAB2

Used for measuring composite layers and shaping occlusal anatomy.

W3
| TNPFIW3

Combination of medium-sized blade with small ondenser tip for universal adaptability. Ideal for placement, layering and general contouring. Application: Class I, II, III, IV, V

8A
| TNPFI8A

Use for packing gingival retraction cord, as well as to place and contour facial aspects.

4/5
Gregg
| TNPFIG4/5

Off-angled blades allow easy adaptability to mesial and distal surfaces of posterior teeth, providing increased interproximal access and better visibility of the working area. Application: Class II, V

Interproximal Carver
| TNCVIPC

Extremely thin flexible blades are opposed for easy handling of composite materials and interproximal contouring. Application: Class III, IV, V

Interproximal Carver, Long
| TNCVIPCL

Used for placement of the composite increments against the cavity wall or adjacent tooth surface.

A6
| TNPFA6

Large, thin blades are opposed for adaptability to any situation, including veneers, where broad contouring or carving strokes are needed. Application: Class II, III, IV, V

Contouring Instrument
| TNCFIR/L

Used for shaping of inclines, planes or developmental lobes for anterior and posterior restorations. The instrument has different angles of curvature on each end that provide a buccal and lingual orientation for posterior shaping or a facial and lingual orientation for anterior shaping.
BURNISHERS

21B | TNBB21B
Acorn-shaped instrument for forming occlusal anatomy in posterior restorations.

27/29 | TNBB27/29
Used to blend material for final contouring, to achieve sculpting of areas like grooves, fissures or pits. Can also be used to form occlusal anatomy.

2 Ladmore | TNBL2
Medium to large rounded tips for condensing composite materials.

3 Ladmore | TNBL3
Small to medium slightly rounded tips for condensing composite materials.

Small/Medium Ball Burnisher | TNBBS/M
Used to direct and form the composite increments against the cavity wall. The shape conforms to the rounded cavity surfaces and allows ease of access into the rounded corners or junctions of the cavity surfaces to condense and shape the composite against the cavity wall.

FREEDMAN BURNISHERS

Freedman “Duckhead” | TNPCCI
Used to contour the convexity of the cusp ridge, developing the anatomy in a single motion.

Freedman Small Contact Forming | TNFCIS
Oval-shaped paired instrument designed to provide improved contact forming for small Class II Restorations.

Freedman Large Contact Forming | TNFCIL
Oval-shaped paired instrument designed to provide improved contact forming for large Class II Restorations.
Identical, opposing, large, flexible, oval-shaped blades, straight and angled, for contouring composite material on larger facial surfaces of central incisors.

Identical, opposing, spear-shaped blades, straight and angled, used for contouring composite material on smaller facial surfaces of central incisors.

Uniquely-shaped blades with curved and rounded tips for adding and shaping composite material on desired areas of facial incisors.

Flexible, oval-shaped blades – one slightly larger - for interproximal contouring on central incisors.

Used when working near or at interproximal areas. Straight end compacts composite material, while sharp knife edge cuts composite to avoid bonding to adjacent tooth.

Small and medium curved blades for thinning and shaping composite material at the gingival areas.

Aids in forming a properly filled axial box and occlusal portion.

Goldfogel Freehand Anterior Kit
| TNCANTSET
Includes: TNCCIA, TNCCIB, TNCCIC, TNCCID, TNCCIE and TNCCIF

Goldfogel Freehand Posterior Kit
| TNCPOSSET
Includes: TNCCIG, TNCCIH and TNCCII

Goldfogel Freehand Complete Kit
| TNCSET
Includes: TNCCIA, TNCCIB, TNCCIC, TNCCID, TNCCIE, TNCCIF, TNCCIG, TNCCIH and TNCCII
The Adhesthetics Theca kit is an independent set of instruments conceived to cover the main variety of clinical phases in direct and indirect restorative dentistry in order to help clinicians to achieve predictable results and clinical excellence.

**Adhesthetics Theca Kit**

**TNFF1/2**
- **FF1**: Manipulation of composite on buccal surfaces during direct anterior restorations, Class IV and V cases, direct veneers restorations and general esthetic restorations.

**TNFF3/4**
- **Modelling of restorative materials on anterior and posterior teeth as well as the placement of retraction cord.**

**TNFF5/6**
- **FF5**: For anatomical modelling of restorations of posterior cusps or of anatomical dentinal or superficial elements on anterior teeth.

**TNFF7/8**
- **Measuring thickness of enamel margin in direct restorations on anterior teeth, measuring thicknesses of direct and indirect restorations during various clinical phases, creating definition of dentinal curving.**

**Includes: TNFF 1/2, TNFF 3/4, TNFF 5/6, TNFF 7/8, 5 instrument Signature Series Cassette, Blue IM6058**
Dr. Clarence Tam SkoolToolz

SkoolToolz 1
| TNTAM1

Posterior occlusal shaper. Dual-shaped, posterior occlusal fissure refinement and liner/tint dispersion instrument.

SkoolToolz 2
| TNTAM2

Universal thin PFI
Ultra-thin, moderate flex, non-stick universal flat plastic instrument

SkoolToolz 3
| TNTAM3

Curved ball burnisher
Extended shank ball burnisher for enhanced precision and visibility in deep Class II box situations (2.0mm and 1.4mm)

SkoolToolz kit
| TNTAMKIT

Includes: TNTAM1, TNTAM2, TNTAM3, MIR5HDE & MH6, S204S9E2 and IM6056 (three Dr. Tam instruments, one #5 HD mirror, one mirror handle, one S204 EverEdge2 scaler all in a 5-instrument cassette)

Minimally Invasive – Kotschy Explorers

These instruments have exceptionally fine working ends which aid the clinician when working under a magnifying glass or microscope. Designed for both minimally invasive and microscopic dental procedures, these instruments can be used under magnification of 25x or greater.

The petite working ends of these explorers provide clinicians with enhanced visibility and maneuverability for more accurate detections and diagnoses. The unique angles of the shanks allow for better access in difficult to reach and small areas.

#1 DE Explorer
| EXKOT1
0.2 mm

#2 DE Explorer
| EXKOT2
0.4 mm

#11 DE Explorer
| EXKOT11
0.2 mm

#23 Explorer
| EXKOT23
0.2 mm

The thin working ends are very beneficial when working under magnification.
**SPATULAS**

**Heidemann spatula**

| PFIKOT2 | This spatula can be used for numerous applications such as:
| --- | --- |
| • Retracting gingival tissue for subgingival preparation or periodontal surgery
• Inserting retraction cord before taking an impression
• Separating teeth when inserting matrices, rubber dam, etc.

**Spatula 150µ**

<table>
<thead>
<tr>
<th>CVKOT1</th>
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| This spatula allows for access into tight interproximal spaces for a wide variety of applications.

**Spatula 150µ**

<table>
<thead>
<tr>
<th>CVKOT2</th>
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</table>
| The unique curvature of this instrument makes it ideal for shaping anterior lingual surfaces.

**Spatula 350µ**

<table>
<thead>
<tr>
<th>CVIPCKOT4</th>
</tr>
</thead>
</table>
| This spatula can be used for:
• Applying composite materials
• Retracting the gingiva in preparation for a prosthetic
• Inserting retraction cord

**BURNISHERS & PLUGGERS**

These burnishers utilize the designs of the Columbia 13/14 currette and Wiland 8 carver providing clinicians with enhanced visibility and increased accessibility.

**WILAND DESIGN**

The Wiland design allows clinicians to gain access to interdental spaces and cavities. The design also makes it easier to work subgingivally.

**COLUMBIA DESIGN**

The Columbia design is ideal when trying to work on irregularly shaped tooth surfaces or bone regions.

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**#11 DE Burnisher**

<table>
<thead>
<tr>
<th>BBKOT11</th>
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**#13 DE Burnisher**

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**#14 DE Burnisher**

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**#12 DE Burnisher**

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**#6 DE Burnisher**

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<td>0.8 mm</td>
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**#5 DE Burnisher**

<table>
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<th>BBKOT5</th>
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<tr>
<td>0.6 mm</td>
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</table>
BURNISHERS & PLUGGERS

These burnishers utilize the designs of the Columbia 13/14 curette and Wiland 8 carver providing clinicians with enhanced visibility and increased accessibility.

1 x 90° BEND

The unique 90° bend these burnishers have allows them to be used for distinct applications. This design is useful for capping, shaping and carving composite materials in areas that are difficult to access (e.g., the distal region of the tooth in the upper and lower arches).

1 x 90° BEND & STRAIGHT

The 90° angle incorporated in this burnisher allows for exceptional maneuverability and fine, detailed contouring.

2 x 90° BEND

This angulation is particularly helpful when working on the last molar or when working distally on premolars.

PLUGGERS

The XTS coating on these pluggers provides superb contrast when working with composite material. The black coating minimizes reflections which is extremely important when using a microscope.
**EXCAVATORS**

Under magnification of 6.5x or higher, standard excavators become too large and therefore cannot be used in microdentistry. These excavators have been designed with especially fine tips so they are suitable for use with microscopes and magnifying glasses. The Wiland shape and Columbia shape were replicated in these excavators’ designs. The working ends were paired with a larger diameter handle for better grip and increased comfort.

**WILAND DESIGN**

The Wiland shape of these instruments allows the clinician to easily access interdental spaces, cavities and overlapping structures.

<table>
<thead>
<tr>
<th>#1 DE Excavator</th>
<th>EXCKOT1</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>#2 DE Excavator</th>
<th>EXCKOT2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 mm</td>
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<table>
<thead>
<tr>
<th>#3 DE Excavator</th>
<th>EXCKOT3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3 mm</td>
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</table>

**COLUMBIA DESIGN**

These Columbia-shaped excavators are useful when working on root surfaces of an irregularly shaped tooth or bone region.

<table>
<thead>
<tr>
<th>#4 DE Excavator</th>
<th>EXCKOT4</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8 mm</td>
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</table>

<table>
<thead>
<tr>
<th>#5 DE Excavator</th>
<th>EXCKOT5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 mm</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#6 DE Excavator</th>
<th>EXCKOT6</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3 mm</td>
<td></td>
</tr>
</tbody>
</table>

**STRAIGHT EXCAVATOR**

These excavators are used frequently in minimally invasive dentistry, especially when a long shank is needed — such as when removing caries in deep pockets or removing granulation tissue.

<table>
<thead>
<tr>
<th>#61/62 DE Excavator</th>
<th>EXCKOT61/62</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 mm</td>
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</table>

<table>
<thead>
<tr>
<th>#63/64 DE Excavator</th>
<th>EXCKOT63/64</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.3 mm</td>
<td></td>
</tr>
</tbody>
</table>

**CURETTES/SCALERS**

**COLUMBIA DESIGN**

Working end angulation is designed to aid clinicians in caries removal when under magnification.

<table>
<thead>
<tr>
<th>#13/14S Columbia DE Scaler</th>
<th>SC13/14SKO</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>#13/14 Columbia DE Curette</th>
<th>SC13/14K0T</th>
</tr>
</thead>
</table>
PLASTIC FILLING INSTRUMENTS & CARVERS

CARVING & CONTOURING INSTRUMENTS

Minimally Invasive Contouring Instrument
| PFIKOT1
With 2 distinctly different working ends, this instrument can be used when both carving and sculpting are necessary.

#18 DE PFI Carver
| PFIKOT18
This instrument is excellent for carving and contouring premolars and molars.

#8 Wiland DE Carver
| CVWKOT8
The extremely slender tips of this carver make it an excellent instrument for cleaning excess materials away from interdental spaces.

#3 KOT Cutter
| CVKOT3
This instrument’s working ends were designed to have 2 thin cutting edges which makes it ideal for carving away excess materials (composite, filler, cement and bonding agents).

ASPIRATOR & CONTACT POINT TESTER

Aspirator
| ASKOT
This stainless steel, spoon-like universal aspirator removes fluid and solid particles from all patients with ease.
Shown at 50% size
Shepherd’s Hook Probe for detection of caries and defects in restorations. Periodontal Probe for assessing pocket depths.

Rounded tip for composite adaptation in the cavity and explorer tip for anatomical shaping of the occlusal relief.

Small, sharp-edged universal spatula curved at the edge. Anatomically angled, sharp-edged beaver-tail spatula for contouring large front-tooth composite fillings over a wide area.
ANTERIOR KIT

| TNANTKIT
Five specially designed anterior XTS Composite Instruments to be used for placing, condensing and carving composite materials. Available as a kit or individually.

#3 Extra-Flex
| TNCIGFT3
Flexible, reversed, flared paddle design for shaping and placement of Class III and IV restorations.

Mini 1
| TNCIGFTM11
Mini version of the TNCIGFT1 for small pits and fissures, tunnel preparations or minor tooth defects on lower anteriors.

Micro-Mini
| TNCIPCS
Micro-Mini for extremely small pits and fissures.

Medium Placing/Condensing
| TNCIPCM
For small pits and fissures, as well as placement and condensing with limited access.

Large Placing/Condensing
| TNCIPCL
For final placement in Class I and II restorations. The larger, round ball end is used for condensing and shaping in Class I and II restorations and on lingual surfaces of anterior teeth.

POSTERIOR KIT

| TNPOSKIT
Five posterior XTS Composite Instruments specially designed for Class I and II restorations. Available as a kit or individually.

OT Tanner
| TNPLG0T
Rhomboid-shaped plugger for use with condensable composite material in posterior restorations.

3 Hollenback
| TNPLGH3
Rectangular-shaped plugger for use with condensable composite material in posterior restorations.

5A
| TNPLG5A
Small, round, inverted-cone plugger for use with condensable composite material in posterior restorations.

Small/Medium Contact Forming
| TNCFIS/M
Rounded cone-shaped paired instrument designed to provide improved contact forming for small/medium Class II restorations.

Medium/Large Contact Forming
| TNCFIM/L
Rounded cone-shaped instrument to provide improved contact forming for medium/large Class II restorations.

* TNANTKIT includes TNCIGFT3, TNCIGFTM11, TNCIPCS, TNCIPCM and TNCIPCL
** TNPOSKIT includes TNPLG0T, TNPLGH3, TNPLG5A, TNCFIS/M and TNCFIM/L
COMPOSITE/PLASTIC FILLING INSTRUMENTS

Thin, flexible, highly polished, non-stick, stainless steel blades used for composite placement and contouring.

GOLDSTEIN FLEXI-THIN COMPOSITE INSTRUMENTS

#1 | CIGFT1
Handle options: #41, #6, #8
- Small universal style with rounded plugger tip and a narrow paddle for initial placement and contouring of Class I, II and III restorations.

#2 | CIGFT2
Handle options: #41, #6
- Larger universal style for final placement and contouring of Class I, II, and III restorations.

#3 Extra-Flex | CIGFT3
Handle options: #41, #6, #8
- Flexible, reversed, flared paddle design for shaping and placement of Class III and IV restorations.

#4 Extra-Flex | CIGFT4
Handle options: #41, #6
- Flexible, paired, offset, paddle-shaped blades for placing and shaping material on posterior, mesial and distal surfaces. Reverse angle is also useful for placing and shaping anterior bonded restorations.

#5 Flexi-Thin | CIGFT5
- Small reverse angle tips make it easy to place fissures, grooves and pits creating the ideal occlusal anatomy in hard to reach posterior areas.

#6 | CIGFT6
- Large reverse angle tips make it easy to place fissures, grooves and pits creating the ideal occlusal anatomy in hard to reach posterior areas.

Mini 1 | CIGFTMINI1
Handle options: #41, #6
- Mini version of the CIGFT1 for small pits and fissures, tunnel preparations or minor tooth defects on lower anteriors.

Mini 2 Extra-Flex | CIGFTMINI2
Handle options: #41, #6

Mini 3 Extra-Flex | CIGFTMINI3
Handle options: #41, #6, #8
- Mini version of the CIGFT3. Can also be used for packing gingival retraction cord.

Mini 4 Extra-Flex | CIGFTMINI4
Handle options: #41, #6, #8
- Mini version of the CIGFT4 for placing and shaping material in difficult to access mesial and distal posterior restorations.
**AB1 Boghosian (PFIAB1) knife-shaped blade applying composite veneer**

Photograph courtesy of Kerr Manufacturing Company.

**AB1 Boghosian (PFIAB1)**
- **Handle options:** #41, #6

Unique combination of thin, knife-shaped blade with standard angled blade. Knife blade allows controlled, efficient manipulation of composite even in gingival areas. Application: Class II, V

**Interproximal Carver**
- **Handle options:** #41, #6, #7, #8

Extremely thin flexible blades are opposed for easy handling of composite materials and interproximal contouring. Application: Class III, IV, V

**AB2 Boghosian (PFIAB2)**
- **Handle options:** #41, #6

Used for measuring composite layers and shaping occlusal anatomy.

**3 Tufts**
- **Handle options:** #41, #6, #7, #8

Combination of medium-sized blade with small condenser tip for universal adaptability. Ideal for placement, layering, and general contouring. Application: Class I, II, III, IV, V

**W3**
- **Handle options:** #41, #6, #8

Combination of medium-sized blade with small condenser tip for universal adaptability. Ideal for placement, layering, and general contouring. Application: Class I, II, III, IV, V

**A6 (156)**
- **Handle options:** #41, #6, #7, #8

Large, thin blades are opposed for adaptability to any situation, including veneers, where broad contouring or carving strokes are needed. Application: Class II, III, IV, V

**4F Tufts**
- **Handle options:** #41, #6, #7, #8

Reverse double-end blades with ideal width and length for initial placement and carving of composite. Can also be used for packing gingival retraction cord. Application: Class III, IV

**4/5 Gregg**
- **Handle options:** #41, #6, #7, #8

Off-angled blades allow easy adaptability to mesial and distal surfaces of posterior teeth, providing increased interproximal access and better visibility of the working area. Application: Class II, V

Handle options:
- #41, #6, #7, #8
8A  | WWW  
Handle options: #41, #6

PFI #1  | Heidmann Spatula  | PFIHS16

DPT6 SE  | Darby Perry Trimmer  | PFIDP6

DPT6 SE  | Trimmer Plastic  | PFIDPT6

W1  | PFIW1

1  | Woodson  | PFIFWDS1  
Handle options: #41, #6

11  | PFI11  
Handle options: #41, #6

179  | PFI179

G  | PFIG

#1  | Loesche  | PFIHSL1

1/2  | Trico  | PFIHTR1/2
Dietschi Composite 1/2
| PFIDD1/28  #8 Resin Handle  
| PFIDD1/2  Satin Steel Handle

Dietschi Composite 3/4
| PFIDD3/48  #8 Resin Handle  
| PFIDD3/4  Satin Steel Handle

Dietschi Composite 5/6
| PFIDD5/68  #8 Resin Handle  
| PFIDD5/6  Satin Steel Handle

Dietschi Composite 7/8
| PFIDD7/88  #8 Resin Handle  
| PFIDD7/8  Satin Steel Handle

Dietschi Composite 9/10
| PFIDD9/10B  #8 Resin Handle  
| PFIDD9/10  Satin Steel Handle

Dietschi Composite Kit
| PFIDDCASS  Includes: PFIDD1/2, PFIDD3/4, PFIDD5/6, PFIDD7/8, PFIDD9/10 and IM6053 (5 instrument cassette)

Dietschi Composite Kit, #8 Handle
| PFIDDCASS8  Includes: PFIDD1/28, PFIDD3/48, PFIDD5/68, PFIDD7/88, PFIDD9/10B and IM6053 (5 instrument cassette)
A
Cosmetic Contouring
| CCIA

Identical, opposing, large, flexible, oval-shaped blades, straight and angled, for contouring composite material on larger facial surfaces of central incisors.

B
Cosmetic Contouring
| CCIB

Identical, opposing, spear-shaped blades, straight and angled, used for contouring composite material on smaller facial surfaces of central incisors.

C
Cosmetic Contouring
| CCIC

Flexible, oval-shaped blades - one slightly larger - for interproximal contouring on central incisors.

D
Cosmetic Contouring
| CCID

Used when working near or at interproximal areas. Straight end compacts composite material, while sharp knife edge cuts composite to avoid bonding to adjacent tooth.

E
Cosmetic Contouring
| CCIE

Small and medium curved blades for thinning and shaping composite material at the gingival areas.

F
Cosmetic Contouring
| CCIF

Uniquely-shaped blades with curved and rounded tips for adding and shaping composite material on desired areas of facial incisors.

G
Marginal Ridge & Embrasure Shaping Instrument
| CCIG

Allows formation of marginal ridges along with buccal and lingual embrasures while composite is uncured.

H
Occlusal Anatomy Instrument
| CCIH

Designed to help attain proper occlusal form, function and improve marginal seal.

I
Composite Packing Instrument
| CCII

Aids in forming a properly filled axial box and occlusal portion.
PFIGML1 and 2 are excellent for placing and contouring small class I, II and V restorations. #1 is used at 9:00 operator position, #2 is used at 11:00.
GOLDSTEIN ANODIZED ALUMINUM COMPOSITE INSTRUMENTS

Goldstein 1  
| CI0145

For all classes where a small, thin, delicate instrument is needed in combination with a small, rounded plugger tip. Thinness of the blade allows for easy manipulation into the gingival sulcus.

Goldstein 2  
| CI0150

Used for final placement in Class I and II restorations. The larger rounded plugger is for condensing and shaping in Class I, II and lingual surfaces of anterior teeth.

Goldstein 3  
| CI0155

Reverse double-end blades are mainly for initial placement and shaping of composite in full veneer bonding, Class III and IV. Also indicated for packing gingival retraction cord.

Goldstein 4  
| CI0160

Identical paired blades for placing and shaping material on the mesial and distal surfaces of posterior teeth.

Goldstein Mini 1  
| CI0165

1/3 smaller and thinner than Goldstein 1. Extremely small, rounded ends are excellent for placing and contouring difficult to reach restorations, small Class I and III restorations with minimal interproximal space.

Goldstein Mini 3  
| CI0175

1/3 smaller and thinner than Goldstein 3. For reaching smaller, tighter areas such as lower incisors or deciduous teeth. Excellent for packing gingival retraction cord around lower anteriors and tight sulcular areas.

Anodized aluminum Felt/Goldstein instruments should not be placed in alkaline or iodophor solutions, or in an ultrasonic cleaner.

Photograph courtesy of Ronald E. Goldstein, D.D.S.
### Felt Anodized Aluminum Composite Instruments

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Felt 1</td>
<td>Small triangular plugger for accurate compression into the cavity preparation. Shorter, wider blade for placing composite material in a Class II restoration.</td>
</tr>
<tr>
<td>Felt 2</td>
<td>Longer blade angled for Class III, IV and V restorations. Small triangular plugger for accurate compression into the cavity preparation.</td>
</tr>
<tr>
<td>Felt 3</td>
<td>Narrow blade end for Class III, IV and V restorations. Small triangular plugger for accurate compression into the cavity preparation.</td>
</tr>
<tr>
<td>Felt 4</td>
<td>Reverse double-end medium sized blades facilitate placement of composite materials in full veneer bonding Class III and IV restorations.</td>
</tr>
<tr>
<td>Felt 5</td>
<td>Larger round plugger for condensing and medium blade size for shaping larger Class I, II and V restorations.</td>
</tr>
<tr>
<td>Felt 6</td>
<td>Smaller rounded plugger for condensing and small blade for contouring small Class I and III restorations with limited access.</td>
</tr>
</tbody>
</table>

Photographs courtesy of Roger B. Felt, D.D.S.
HATCHETS

Used for cavity preparation: retentive areas, internal line angles and removing hard caries.

Cutting instruments need to be kept sharp. Learn more about Hu-Friedy sharpening services at Hu-Friedy.com/Sharpening-Services.
CHISELS & HOES

Used to refine the cavity preparation. Forming line angles on anterior preparations.

CHISELS

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>CP1/2</td>
<td>CP3/4</td>
<td>CP5/6</td>
<td>CP7/10</td>
<td>CP8/9</td>
<td>CP11/12</td>
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HOES

<table>
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<tr>
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<tbody>
<tr>
<td>CP20</td>
<td>CP21</td>
<td>CP22</td>
<td>CP23</td>
<td>CP24</td>
</tr>
</tbody>
</table>

For double-ended options, specify:

| CP21/21C | CP22/22C | CP24/24C |

**MARGIN TRIMMERS**

Used to produce proper bevel on enamel margins. Similar to a hatchet except the blade is curved and the cutting edge angled.

<table>
<thead>
<tr>
<th>Suggested Pair</th>
<th>Suggested Pair</th>
<th>Suggested Pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>[13-95-8-14]</td>
<td>[13-80-8-14]</td>
<td>[10-95-7-14]</td>
</tr>
<tr>
<td>Distal</td>
<td>Mesial</td>
<td>Mesial</td>
</tr>
<tr>
<td>MT26</td>
<td>MT27</td>
<td>MT28</td>
</tr>
</tbody>
</table>

Handle options: #41, #6, #9

<table>
<thead>
<tr>
<th>MT26H</th>
<th>MT27H</th>
<th>MT28H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handle: #6</td>
<td>Handle: #6</td>
<td>Handle: #6</td>
</tr>
</tbody>
</table>

Most margin trimmers are available heavy. Specify:

<table>
<thead>
<tr>
<th>MT26H</th>
<th>MT27H</th>
<th>MT28H</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT29H</td>
<td>MT77/78H</td>
<td>MT79/80H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Suggested Pair</th>
<th>Suggested Pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>77/78</td>
</tr>
<tr>
<td>[10-80-7-14]</td>
<td>[15-95-8-12]</td>
</tr>
<tr>
<td>Mesial</td>
<td>Distal</td>
</tr>
<tr>
<td>MT29</td>
<td>MT77/78</td>
</tr>
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</table>

Handle options: #41, #6, #9

<table>
<thead>
<tr>
<th>MT29H</th>
<th>MT77/78H</th>
<th>MT79/80H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handle: #6</td>
<td>Handle: #6</td>
<td>Handle: #6</td>
</tr>
</tbody>
</table>

**ANGLE FORMERS**

For defining line angles, obtaining retentive form in dentin and placing bevels on enamel margins.

<table>
<thead>
<tr>
<th>Suggested Pair</th>
<th>Suggested Pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>232 Tru</td>
<td>233 Tru</td>
</tr>
<tr>
<td>Bal Margin</td>
<td>Bal Margin</td>
</tr>
<tr>
<td>Trimmer,</td>
<td>Trimmer,</td>
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<td>Modified,</td>
<td>Modified,</td>
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<tr>
<td>EverEdge</td>
<td>EverEdge</td>
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<tr>
<td>MT232TB9</td>
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</table>

<table>
<thead>
<tr>
<th>Tucker 8 Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUCKERKIT</td>
</tr>
</tbody>
</table>

Includes all eight Tucker instruments in a 10 Instrument Cassette:

MT232TB9,
MT233TB9,
MT232TM9,
MT233TM9,
CP14/14-09,
CP15/15-09,
CP44S9,
CP45S9,
IM5109

<table>
<thead>
<tr>
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<th>Suggested Pair</th>
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<tbody>
<tr>
<td>30/31</td>
<td>32/33</td>
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<tr>
<td>[12-80-5-8]</td>
<td>[9-80-4-8]</td>
</tr>
<tr>
<td>[7-80-2.5-9]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Tucker 8 Kit</th>
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<td>TUCKERKIT</td>
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MT232TB9,
MT233TB9,
MT232TM9,
MT233TM9,
CP14/14-09,
CP15/15-09,
CP44S9,
CP45S9,
IM5109

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<thead>
<tr>
<th>Suggested Pair</th>
<th>Suggested Pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>34/35</td>
<td></td>
</tr>
</tbody>
</table>

EverEdge instruments were designed to be consistently sharp, ensuring efficiency and more predictable clinical outcomes.
EXCAVATORS
For removal of carious dentin.

**SPOONS**

<table>
<thead>
<tr>
<th>1.2 mm</th>
<th>1.5 mm</th>
<th>2.5 mm</th>
<th>0.85 mm</th>
</tr>
</thead>
</table>

- **E1** [12-9-15] | EXCE1
  Handle options: #41, #6

- **E2** [15-9-15] | EXCE2
  Handle options: #41, #6

- **E3** [25-9-15] | EXCE3

- **6** | EXC6

The following spoons are available heavy:

- **EXC17H**
  Handle options: #41, #6, #7

- **EXC17WH**
  Handle options: #41, #6

- **EXC18H**
  Handle options: #41, #6, #7

- **EXC18WH**
  Handle options: #41, #6

- **EXC19H**
  Handle options: #41, #6, #7

- **EXC19WH**
  Handle options: #41, #6

**OVAL SPOONS**

<table>
<thead>
<tr>
<th>1.2 mm</th>
<th>1.5 mm</th>
</tr>
</thead>
</table>

- **17** | EXC17
  Handle options: #41, #6, #7, #8, #9

- **18** | EXC18
  Handle options: #41, #6, #7, #8, #9

- **19** | EXC19
  Handle options: #41, #6, #7

- **38/39** [11.5-7-14] | EXC38/39
  Handle options: #41, #6, #7

- **19W** | EXC19W
  Handle options: #41, #6

- **220/221**
  Darby-Perry
  EXC220/1
  Handle options: #41, #6
English pattern excavators have a flat face, compared to the curved face of spoon excavators.
PLACEMENT INSTRUMENTS

Used to place base or liner within cavity preparations.

11 Novatech Placer (PINT11)
small working end in use

Goldstein Micro Placement Instrument (TNGMPI) placing material over pulp

XTS coated placement instrument comprised of 2 fine working ends; one end of the instrument is at a 90° angle while the other is at a 110° angle making helpful in applying small amounts of tints or opaquers.

Calcium Hydroxide Placer (PICH)
Handle options: #41, #6, #8

Calcium hydroxide or glass ionomer base/liner placement instrument. Also useful as a small burnisher.

6061 Mini Spatula/Placer (SP6061)
Handle options: #41, #6

Calcium hydroxide or glass ionomer base/liner placement instrument combined with a mini-spatula for efficient mixing.

10 Novatech Placer (PINT10)

Flat-end plugger used to place material and contour the base in undercut areas, as well as on the flat surface of the pulpal floor. The reverse hoe is used for carving a smooth axio-pulpal floor.

1 Composite Brush Handle (HCB1)

Design holds most manufacturers’ disposable brush inserts. Also excellent for sealant. Made of Immunity Steel to allow for autoclave steam sterilization.
Promptly remove excess material before autoclave steam sterilization. Cold sterilization solutions are NOT recommended. They contain chemicals that may adversely affect the performance of the CF® II Carrier.
## PLUGGERS/CONDENSERS

Pluggers shown are all non-serrated unless otherwise specified.

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Handle Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 Andrew</td>
<td>PLGA1/2</td>
<td>#41, #6</td>
</tr>
<tr>
<td>1/2 Black</td>
<td>PLG1/2</td>
<td>#41, #6</td>
</tr>
<tr>
<td>PLG1/2NS</td>
<td></td>
<td>#41, #6</td>
</tr>
<tr>
<td>H1 Hollenback</td>
<td>PLGH1</td>
<td>#41, #6, #8</td>
</tr>
<tr>
<td>H2 Hollenback</td>
<td>PLGH2</td>
<td>#41, #6</td>
</tr>
<tr>
<td>H3 Hollenback</td>
<td>PLGH3</td>
<td>#41, #6</td>
</tr>
<tr>
<td>H4 Hollenback</td>
<td>PLGH4</td>
<td>#41, #6</td>
</tr>
<tr>
<td>0/1 Serrated</td>
<td>PLG0/1</td>
<td>#41, #6</td>
</tr>
<tr>
<td>Marquette</td>
<td>PLG0/1NS</td>
<td>#41, #6</td>
</tr>
<tr>
<td>Model</td>
<td>Handle Options</td>
<td>Description</td>
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<tr>
<td>--------</td>
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</tr>
<tr>
<td>2 Mortonson</td>
<td>#2, #6</td>
<td>PLGMO2</td>
</tr>
<tr>
<td>2 Serrated Smith</td>
<td>#2, #6</td>
<td>PLGS2</td>
</tr>
<tr>
<td>SPO Serrated</td>
<td>#2, #6</td>
<td>PLGPO</td>
</tr>
<tr>
<td>1M Markley</td>
<td>#2, #6</td>
<td>PLG1M</td>
</tr>
<tr>
<td>2M Markley</td>
<td>#2, #6</td>
<td>PLG2M</td>
</tr>
<tr>
<td>3M Markley</td>
<td>#2, #6</td>
<td>PLG3M</td>
</tr>
<tr>
<td>4M Markley</td>
<td>#2, #6</td>
<td>PLG4M</td>
</tr>
</tbody>
</table>
Small diameter, non-serrated tips are ideal for packing composite material.
1. Oregon
   | PLGOR1

2. Oregon
   | PLGOR2
   Handle options: #41, #6

3. Oregon
   | PLGOR3

4. Oregon
   | PLGOR4

1. Ward
   | PLGW1

2. Ward
   | PLGW2
AMALGAM FILES
Used for finishing gingival margins.

1/4 Wedelstaedt | AF1/4
2/5 Wedelstaedt | AF2/5
31/32 Rhein | AF31/32

ARTICULATING PAPER FORCEPS
Miller Articulating Paper Forceps | APF2
Shown at 150% size
CARVERS

Used to carve anatomical features and trim excess materials.

Interproximal

| CVIPC
Handle options: #41, #6, #7, #8

Extremely thin, flexible blade; ideal for interproximal contouring.

Interproximal Off Angle

| CVIPCOA

Extremely thin, flexible blade. Off-angle provides better access to posterior areas.

1/2 Hollenback

| CVHL1/29
Handle options: #41, #6, #7, #8, #9

Universal adaptability. Ideal for placing, carving and contouring amalgam. NEW! Now available in EverEdge (#9 handle). Read more on page G1.

3S Hollenback

| CVHL3S
Handle options: #41, #6, #7

Design characteristics similar to 1/2 Hollenback but with slightly larger blades.

3 Hollenback

| CVHL3

Design characteristics similar to 1/2 Hollenback but with significantly larger blades.

8 Wiland

| CVW86
Handle options: #41, #6, #7

Extremely thin curved blade; ideal for adapting to interproximal surfaces.
CARVERS

DISCOID-CLEOIDS

CLEOID: Spade shape with point for carving occlusal anatomy

DISCOID: Round shape for removing excess material

Handle options:

#41, #6, #7, #8

#41, #6, #7

#41, #6, #7, #8

1/2 | CD1/2

4/5 | CD4/5

Handle options: #41, #6, #7

3/6 | CD3/6

Handle options: #41, #6, #7, #8

89/92 | CD89/92

Handle options: #41, #6, #7, #8

90B | CD90B

W-A-C-D | CDWACD

3 Tanner | CV3T

4 Tanner | CV4T

5 Tanner | CV5T

6 Tanner | CV6T

1 Wall | CVWL1

3 Wall | CVWL3

1 Ward | CVWR1

2 Ward | CVWR2
Adapts to natural tooth curvature and left and right-side dental anatomy. Concave edge reduces mesial and distal flash on margins. Convex side is a conventional cleoid carver.

Standard discoid-cleoid configuration for shaping occlusal surfaces, contouring and carving.

Used for trimming excess filling material, flash, and overhangs.

Anatomical Carver | CVTCA/B

Discoid-Cleoid Carver | CVTCC/D

Tungsten Carbide Knife | CVTCE

TC Carvers easily remove orthodontic bracket adhesives and are ideal for carving amalgam and composite materials.
The Novatech Cement Remover (CRNT12) is perfect for removing cement from all types of ceramic and temporary restorations.

**20 Esthetic**
| CR20
Handle options: #41, #6

For anterior teeth. Sharp, thin blade allows access to all surfaces. The offset angle provides universal adaptability.

**21 Esthetic**
| CR21
Handle options: #41, #6

For posterior teeth. Thin, sharp offset angle provides access to surfaces where linear finishing strips would not be effective.

**6 Tanner**
| CV6T

For posterior teeth. Sharp offset angle provides access to many surfaces.

**Edentulous Ridge Chisel (#36 Gold Foil Knife)**
| GF36

Initiates splitting extremely narrow bone ridges when a bur is not recommended. Used with light taps from a mallet until an approximate 6 mm depth is reached.

**12 Novatech Cement Remover**
| CRNT12

Combines a sickle-shaped scaler with a flat blade for removal of excess resin, cement or porcelain flash. The narrow chisel removes excess interproximal material with a push stroke.

**2S**
| GK2S

**14L**
| GK14L

**7 Black**
| GK7

**29**
| GK29

**AMALGAM KNIVES & CEMENT REMOVERS**

Used for trimming excess filling material, flash and overhangs.
BURNISHERS
Designed to condense, smooth, carve and polish amalgam.

BALL
- 2.4 mm
- 2.1 mm
- 3.1 mm

“Acorn” shaped working ends are excellent for carving occlusal anatomy.

BEAVERTAIL
- 2.6 mm
- 2.6 mm
- 2.6 mm

18 | BB18
Handle options: #41, #6

26/27S | BB26/27S
Handle options: #41, #6

27/29 | BB27/29
Handle options: #41, #6, #7, #8

2 | BB2SE

2 Double-End | BB2DE

2/29 | BB2/29
ACORN

2.7 mm
3.0 mm

LADMORE

1.9 mm
1.9 mm

| Handle options: #41, #6 |
| 21 | BB21 |
| Handle options: #41, #6, #8 |
| 21B | BB21B |
| Handle options: #41, #6 |
| PKT-3R | PKT3R |
| Handle options: #41, #6 |
| Romerowski | BBROM |
| 2 Ladmore | BBL2 |
| Handle options: #41, #6 |
| 3 Ladmore | BBL3 |
# GINGIVAL RETRACTORS

Protects tissue during cavity preparations such as air abrasion and composite placement and finishing.

| Kincheloe | GRK1 |
| GF10 Goldman-Fox | TRGF10 |
| 1 Meinershagen | GRM1 |
| 2 Meinershagen | GRM2 |
| 3 Meinershagen | GRM3 |
| 4 Meinershagen | GRM4 |

The concave crescent shape of the gingival retractors conform to root surfaces and gingival tissues. Also useful for placement of rubber dam around the cervical margins of teeth.
**GINGIVAL CORD PACKERS**

For atraumatic and accurate cord placement.

---

**BN1**

- **GCPBN1**
  - Thin blade and rounded contour facilitates use in both thick and thin tissues without catching or dropping cord. Bilateral notch allows placement in limited access areas.

---

**CSI-1**

- **Serrated**
  - **GCPCSI1**
    - Handle options: #41, #6

- **Non-Serrated**
  - **GCPCSI1NS**
    - Handle options: #41, #6

---

**S6**

- **GCP6**
  - Ideal blade thickness with angle and blade shapes similar to the IPC carver.

---

**113**

- **Serrated**
  - **GCP113**
    - Handle options: #41, #6

- **Non-Serrated**
  - **GCP113NS**
    - Handle options: #41, #6

---

**Balshi**

- **GCPBAL**
  - Small and thin non-serrated blade shape.

---

**7 Guyer**

- **Serrated**
  - **GCPG7**
    - Handle options: #41, #6

- **Non-Serrated**
  - **GCPG7NS**
    - Handle options: #41, #6

---

**1 Yardley**

- **GCPYD1**
  - Round non-serrated working end.

---

*Use serrated cord packers only when using braided cord. Serrations are available upon request.*
CROWNS

Used for dental restoration.

STAINLESS STEEL
PEDO AND PERMANENT CROWNS

• Pre-trimmed and crimped, for quick and simple placement
• Accurate occlusal anatomy that mimics the natural tooth
• Ideal occlusal thickness, offering superior resilience to abrasion and perforation
• Soft, adaptable gingival margin and lateral areas for simple and effortless trimming and crimping, if needed

Pedo Crowns Introductory Kit
| SSC-KIT
Contains 48 Crowns (1 of each size)

Empty Pedo Crowns Intro Kit (No Crowns)
| SSC-TRAY

Permanent Crowns Intro Kit
| SSC-PKIT
Contains 24 Crowns (1 of each size)

Permanent Crowns Master Kit
| SSC-PKITM
Contains 96 Crowns (4 of each size)

Empty Permanent Crowns Tray (No Crowns)
| SSC-PTRAY

PEDO AND PERMANENT CROWN REFILLS
(5 Crowns Per Box)

[Diagram showing various crown sizes and numbers for both left and right sides]

KEY

D7 Pediatric Crown
L7 Permanent Crown
The mini-elevator handle and notched tip provide a secure grip and excellent control when breaking the seal of cement. Pressure against the tooth is lessened which reduces the potential for tooth fracture.

**TEMPORARY CROWN REMOVERS**

- **Trial Crown Remover Lower**
  - **CRL**
  - Replacement Pads: CRPP
  - Shown at 75% size

- **Trial Crown Remover Upper**
  - **CRU**
  - Replacement Pads: CRPP
  - Shown at 75% size

- **Temporary Crown Remover**
  - **CRGR**
  - Shown at 75% size

**CHRISTENSEN CROWN REMOVERS**

- **Christensen Crown Remover Straight**
  - **CRCH1**
  - Anterior

- **Christensen Crown Remover Right Angle**
  - **CRCH2**
  - Posterior
GOLDSTEIN CROWN REMOVERS

For permanent removal of crowns by breaking the seal between tooth and crown after sectioning with a bur. The special right angle handles are designed to torque the crown itself instead of destructive forces typically applied to the tooth which can lead to fracture.

Goldstein Crown Remover Straight
| GCR0
For anterior crown removal

Goldstein Crown Remover 45° Angle
| GCR45
For cuspid, bicuspid and even first molars

Goldstein Crown Remover Occlusal
| GCROS
For occlusal separation especially in hard-to-remove crowns that have been bonded to the tooth

Goldstein Crown Remover Right Angle
| GCR90
For molars
The Nash/Taylor Esthetic Instrument Kit (NTEIK) is 15 instruments and an IMS Signature Series® cassette that have been designed to exacting specifications for creating veneer restorations.
SPATULAS
Used to mix and load cement and other materials into crowns or inlay/onlay preparations.

The blade end of the CSNT6 lifts and loads previously mixed material.

The CSNT6 loading end makes it efficient to load temporary, or final cements into the prepared tooth or restoration.

24 Flexible
1 1/4” (44 mm)
| CS24
Handle options: #41, #6

Flexible blade for mixing medium body cements.

324 Rigid 2” (51 mm)
| CS324

Rigid blade for mixing heavier or medium body cements.

A6 Rigid 1” (25 mm)
| CSA6
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Novatech Long/Fluted</td>
<td>Long, flexible spatula to mix medium body cements. Tapered fluted end scoops and loads mixed cement into crowns.</td>
</tr>
<tr>
<td>6 Novatech Long/Blade</td>
<td>Combines the long, flexible spatula from (CSNT5) with an angled blade end to carry and load cement into a single crown or an inlay preparation.</td>
</tr>
<tr>
<td>7 Novatech Short/Blade</td>
<td>Short, rigid spatula for heavy cements. Blade end used to place cements or shape temporary restorations.</td>
</tr>
<tr>
<td>8 Novatech Long</td>
<td>Single-end long spatula. Large circumference handle offers more rapid, even mixing. Same spatula as (CSNT5) and (CSNT6).</td>
</tr>
<tr>
<td>9 Novatech Short</td>
<td>Single-end short spatula. Large circumference handle for even mixing. Same spatula as (CSNT7).</td>
</tr>
</tbody>
</table>

When a creamier mix of cement is used, a longer, more flexible spatula like the CSNT5 is required.
SPATULAS
For mixing materials and general laboratory use.

7 Wax
| WS7

Waxing Spoon and Spatula
| LWSS

#31 Wax Spatula
| SPT31

7 Tapered
| LS7

8R Rigid
| LS8R

KNIVES
For mixing materials and general laboratory use.

5A Knife
| OK5A

Wood handles are not compatible with dry heat sterilization. Hu-Friedy recommends autoclave steam sterilization.
MEASURING DEVICES & WAX CARVERS

MEASURING DEVICES

Boley Gauge
| BG
| Shown at 38% size

Stainless Steel Ruler
| CLR6
| Shown at 100% size

1 Iwanson Spring Caliper
| CLP1
| For metal and porcelain
| Shown at 80% size

2 Iwanson Spring Caliper
| CLP2
| For wax
| Shown at 80% size

WAX CARVERS

Used for laboratory waxing

1 LeCron
| CVLC5
| Handle options: #41, #6

5 Roach
| CVROA

5 Vehe
| CVVH
Curved tapered tips used to flow on molten wax.

Pointed burnisher used to perfect and enhance the supplemental and developmental grooves.

Similar to PKT-3, but with a rounded tip vs. a pointed one.

Modified carver used to perfect the external contours and remove excess wax at the cavo-surface margins.

Special carver used to remove excess wax as cusp ridges are developed; its contour maintains desired convexity at these ridges.

Caution: Do not expose instruments to temperatures in excess of 350°F/176.6°C. Repeated heating to extreme temperatures and cooling may cause instrument failure or breakage.
1 Shaw Waxing Instrument | SHAW1
2 Shaw Waxing Instrument | SHAW2
3 Shaw Carver | SHAW3
4 Shaw Burnisher | SHAW4
7 Shaw Spatula | SHAW7

Caution: Do not expose instruments to temperatures in excess of 350°F/ 176.6°C. Repeated heating to extreme temperatures and cooling may cause instrument failure or breakage.
CHU’S AESTHETIC GAUGES

---

**Proportion Gauge**
- 1 Handle, 2 T-Bar Tips, 2 Inline Tips

<table>
<thead>
<tr>
<th>PROGS</th>
<th>PROG</th>
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</thead>
<tbody>
<tr>
<td>Satin Steel Handle</td>
<td>Resin Handle</td>
</tr>
</tbody>
</table>

- Provides quick diagnosis of tooth proportion
- Provides results and reduces chairside adjustment time
- Easy to read; reduces visual fatigue

**Crown Lengthening Gauge**
- 1 Handle, 2 BLPG Tips, 2 Papilla Tips

<table>
<thead>
<tr>
<th>CLGS</th>
<th>CLG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin Steel Handle</td>
<td>Resin Handle</td>
</tr>
</tbody>
</table>

- Precise color-coded measurements
- Provides quick measurements and better results
- Easy to read; reduces visual fatigue

**Sounding Gauge**

<table>
<thead>
<tr>
<th>SOUNDGS</th>
<th>SOUNDG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin Steel Handle</td>
<td>Resin Handle</td>
</tr>
</tbody>
</table>

- Bone sounding made simple and quick
- Sounding tip curvature and sharpness allows easy manipulation and access into deeper areas to analyze the level of the bone crest

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**CHU’S AESTHETIC GAUGES™ SET**

<table>
<thead>
<tr>
<th>SCHUSET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satin Steel Handle</td>
</tr>
</tbody>
</table>
- 1 Proportion Gauge
- 1 Crown Lengthening Gauge

<table>
<thead>
<tr>
<th>CHUSET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin Handle</td>
</tr>
</tbody>
</table>
- 1 Sounding Gauge
- 1 IMS Cassette

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**REFILLS**

- Proportion and Crown Lengthening Gauge Satin Handle | PROCLHDLS
- Proportion and Crown Lengthening Gauge Resin Handle | PROCLHDL
- T-Bar Replacement Tips (3 Tips) | TBARREF
- Inline Replacement Tips (3 Tips) | INLINEREF
- BLPG Replacement Tips (3 Tips) | BLPGREF
- Papilla Replacement Tips (3 Tips) | PAPREF

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Watch product videos by searching for Chu’s Gauges on YouTube or visiting product pages on www.Hu-Friedy.com/ChusGauges.
The two chisels and the off-angle design allow clinicians to access the restoration from any angle.

**DR. DOMENICO MASSIRONI INSTRUMENTS**

Used for prosthetic procedures

**MASSIRONI KIT FOR PROSTHETICS**

<table>
<thead>
<tr>
<th>MASSKITDIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes: EXD16, PCORTLINI, CVIPCKOT4, TNMASS1, TNMASS2, GCPYD1, GCPBN1, TP32 in a black, 10 instrument Infinity Series cassette</td>
</tr>
</tbody>
</table>

**TNMASS1**

<table>
<thead>
<tr>
<th>TNMASS1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 mm chisel - the slender width of this chisel makes it ideal for use during highly magnified prosthodontic cases</td>
</tr>
</tbody>
</table>

**TNMASS2**

<table>
<thead>
<tr>
<th>TNMASS2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 mm chisel - the slightly larger width of this chisel makes it excellent for everyday use and allows the traditional prosthesis to receive an optimal finishing touch.</td>
</tr>
</tbody>
</table>