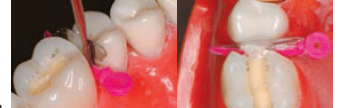
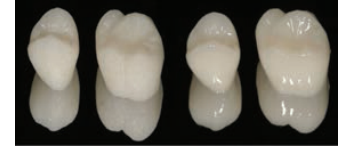
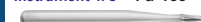
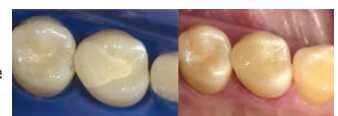


Preparation for Milled Ceramic Partial Coverage Restoration (PCR)

STEP 1	Instrument #1 or #2 • GW-DC1 or GW-DC2 *  Action with this instrument Place #1 or #2 into high speed handpiece. Plunge the 2mm. depth cutter into occlusal central fissure to full extent of the limiter. Clear tissue to the appropriate marginal ridge(s).	Visual Concept 	Remove bur and dispose of it when... The central groove is automatically established into dentin and the walls are smooth. Extend far enough to the marginal ridge(s) to allow the proximal box(s) to be completed in the next step. Remove cusp tissue with #1 or #2. Extend cut to make an acute angle with the buccal or lingual surface.
STEP 2	Instrument #3 • FG-169  Action with this instrument Place #3 into high speed handpiece. Put bur at the gingival height on the buccal or lingual line-angle(s). Pull directly to intersect hole made by instrument #1 or #2. Move #3 buccal-lingual to prepare tapered box(s).	Visual Concept 	Remove bur and dispose of it when... Contact is broken as tapered walls and gingival floor are established. Taped wall should be 4-6 degrees. Wall taper must be viewed from the line of draw.
STEP 3	Instrument #4 • GWU 379-023  Action with this instrument Place #4 into high speed handpiece. Using the sides and tapered tip, reduce desired cusp tissue to the level of the central depth cut	Visual Concept 	Remove bur and dispose of it when... The height of the cusp(s) is reduced to the height of the central groove area. (2mm.) The exit angle is perpendicular to the buccal or lingual surface.
STEP 4	Instrument #5 • GWU 856-016S  Action with this instrument Place #5 into high speed handpiece. Cut buccal or lingual gingival extension of cusp replacement if needed. Smooth tapered walls, gingival floor, pulpal-axial line angle	Visual Concept 	Remove bur and dispose of it when... Cavo surface margins are smooth. Pulpal-axial line angles are rounded. Proximal walls blend into occlusal walls NEXT: Image, design & mill the inlay.
STEP 5	Instrument #10 • 881-016VF  Action with this instrument Place #10 into high speed handpiece. With rounded head portion, remove ceramic excess in "sprue" area. Adjust occlusal stops with #10 as needed.	Visual Concept 	Remove bur and dispose of it when... You have checked for complete seating, floss contact. If interproximal adjustment is needed, spray contact with imaging spray or place articulating paper into interproximal. Insert, then remove inlay and adjust marked area with the rounded end of the #10. NEXT: Remove and keep #10 to adjust occlusion after cementation
STEP 6, 7, 8	Instrument #11 #13 #15 • JAZZ P3S C, M, F  Action with this instrument Sequentially place #11, 13, 15 into LOW SPEED handpiece. With moderate pressure, slowly move polisher in back and forth motion, overlapping strokes. Progress to high shine on interproximal area and remaining surfaces after cementation.	Visual Concept 	Remove bur and dispose of it when... The PCR is filled with cement and placed. BEFORE light curing, clean up all excess with small brushes*, rubber-tip stimulator*. Floss* contact area. Light cure. Adjust occlusal stops with #10 as needed. Polish with #11, 13 & 15. Use tip for grooves, flat side of polisher for other surfaces. *(small brushes, rubber-tip stimulator & floss not included)

(*) Depending on the restoration requirement use GW-DC1 (1.5 mm) or GW-DC2 (2.0 mm)

Preparation for Milled Ceramic INLAY

STEP 1	Instrument #1 or #2 • GW-DC1 or GW-DC2 *  Action with this instrument Place #1 or #2 into high speed handpiece. Plunge the 2mm. depth cutter into occlusal central fissure to full extent of the limiter. Clear tissue to the appropriate marginal ridge(s).	Visual Concept 	Remove bur and dispose of it when... The central groove is automatically established into dentin and the walls are smooth. Extend far enough to the marginal ridge(s) to allow the proximal box(s) to be completed in the next step.
STEP 2	Instrument #3 • FG-169  Action with this instrument Place #3 into high speed handpiece. Put bur at the gingival height on the buccal or lingual line-angle(s). Pull directly to intersect hole made by instrument #1. Move #3 buccal-lingual to prepare tapered box(s).	Visual Concept 	Remove bur and dispose of it when... Contact is broken as tapered walls and gingival floor are established. Taped wall should be 4-6 degrees. Wall taper must be viewed from the line of draw.
STEP 3	Instrument #9 • FG-7675  Action with this instrument Place #9 into high speed handpiece. Smooth tapered walls, gingival floor, pulpal-axial line angle.	Visual Concept 	Remove bur and dispose of it when... Cavo surface margins are smooth. Pulpal-axial line angles are rounded. Proximal walls blend into occlusal walls NEXT: Image, design and mill the inlay.
STEP 4	Instrument #10 • 881-016VF  Action with this instrument Place #10 into high speed handpiece. With rounded head portion, remove ceramic excess in "sprue" area. Adjust occlusal stops with #10 as needed.	Visual Concept 	Remove bur and dispose of it when... You have checked for complete seating, floss contact. If interproximal adjustment is needed, spray contact with Optispray or Place articulating paper into interproximal. Insert, then remove inlay and adjust marked area with the rounded end of the #6.
STEP 5,6,7	Instrument #11 #13 #15 • JAZZ P3S C, M, F  Action with this instrument Sequentially place #11,13,15 into LOW SPEED handpiece. With moderate pressure, slowly move polisher in a back and forth motion, overlapping strokes. Progress to high shine on interproximal area and remaining surfaces after cementation.	Visual Concept 	Remove bur and dispose of it when... The inlay is filled with cement and placed. BEFORE light curing, clean up all excess with small brushes*, rubber-tip stimulator*. Floss* contact area. Light cure. Adjust occlusal stops with #10 as needed. Polish with #11,13 & 15. Use tip for grooves, flat side of polisher for other surfaces. *(small brushes, rubber-tip stimulator & floss not included)

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Preparation for Milled Ceramic CROWN

STEP 1

Instrument #1 or #2 • GW-DC1 or GW-DC2 *

Visual Concept



Action with this instrument
Place #1 or #2 into high speed handpiece. Plunge the 2mm. depth cutter into occlusal central fissure to full extent of the limiter. Clear tissue to the appropriate marginal ridge(s).

Remove bur and dispose of it when...
The central groove is automatically established into dentin and the walls are smooth. Extend far enough to the marginal ridges to allow the preparation of the interproximal tissues in the next step.

STEP 2

Instrument #3 • FG-169

Visual Concept



Action with this instrument
Place #3 into high speed handpiece. Put bur at the gingival height on the buccal or lingual line-angle(s). Pull directly to intersect hole made by instrument #1 or #2. Move #3 buccal-lingual to remove interproximal tissue without iatrogenic injury to adjacent teeth.

Remove bur and dispose of it when...
Contact is broken. Interproximal tissues are removed without causing iatrogenic injury to the adjacent teeth.

STEP 3

Instrument #4 • GWU 379-023

Visual Concept



Action with this instrument
Place #4 into high speed handpiece. Using the sides and tapered tip, reduce all cusp tissue to the level of the central depth cut.

Remove bur and dispose of it when...
All of the occlusal surface is reduced to the height of the central groove area. (2mm.)

STEP 4

Instrument #5 • GWU 856-016S

Visual Concept



Action with this instrument
Place #5 into the highspeed handpiece. Holding it in the long axis of the tooth at gingival level, push the bur into all line-angles and mid-buccal/lingual surfaces. Bury the 1mm. tip section to full extent. Establish 6 tapered depth guides. Moving in a counterclockwise direction, remove all tissues between depth guides.

Remove bur and dispose of it when...
"Measure 6 times, cut once" to achieve systematic tapered reduction and 1mm shoulder.

STEP 5

Instrument #9 • FG-7675

Visual Concept



Action with this instrument
Insert #9 into high speed handpiece. Refine and polish all taped walls, gingival shoulder, and occlusal surfaces. Round all angles at junctions of lateral and occlusal surfaces.

Remove bur and dispose of it when...
All surfaces are refined, tapered, rounded and polished.
NEXT : Image, design & mill the CROWN

(*) Depending on the restoration requirement use GW-DC1 (1.5 mm) or GW-DC2 (2.0 mm)

STEP 6

Instrument #10 • 881-016VF

Visual Concept



Action with this instrument
Place #10 into high speed handpiece. With rounded head portion, remove ceramic excess in "sprue" area. Adjust occlusal stops with #10 as needed.

Remove bur and dispose of it when...
You have checked for complete seating, floss contact. If interproximal adjustment is needed, spray contact with Optispray or place articulating paper into interproximal. Insert, then remove crown and adjust marked area with the rounded end of the #10. Repeat as needed.
Remove and keep #10 to adjust occlusion after cementation.

STEP 7, 8, 9

Instrument #11 #13 #15 • JAZZ P3S C, M, F

Visual Concept



Action with this instrument
Sequentially place #11, 13, 15 into LOW SPEED handpiece. Slowly move polisher in a back and forth motion, overlapping strokes. Moderate to light pressure. Use points of polishers for occlusal surfaces, flat sides of polishers on all other surfaces. Progress to high shine on all surfaces.

Remove bur and dispose of it when...
The crown is filled with cement and placed. BEFORE light curing, clean up all excess with small brushes*, rubber-tip stimulator*. Floss* contact area. Light cure. Adjust occlusal stops with #10 as needed. Polish with #13 & 15. Use tip for grooves, flat side of polisher for other surfaces.
*(small brushes, rubber-tip stimulator & floss not included)

INSTRUMENTS FOR MILLED RESTORATIONS CROSS-REFERENCE GUIDE

1-2	3	4	5	9	10	11	13	15
#15040 or #15041	#16884	#18193-5	#18182-5	#15675-5	#881-016VF	#89004	#89008	#89012
								
GW-DC1 or GW-DC2	FG-169	GWU 379-023	GWU 856-016S	FG-7675	881-016VF	Jazz P3S Coarse	Jazz P3S Medium	Jazz P3 Fine

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