

KATANA™ AVENCIA™ Block

PRECISION, STRENGTH AND POLISHABILITY

INNOVATION THAT YOU CAN EMBRACE

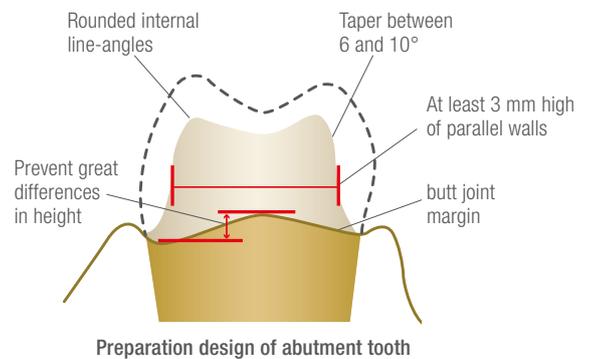
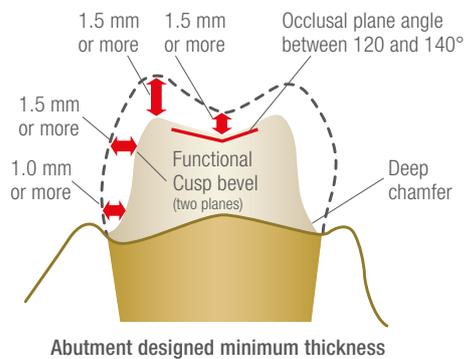
KATANA™ AVENCIA™ Block is a new type of Hybrid ceramic developed bringing together the organic/inorganic technology and experience that we have gained through long years developing and working with restorative materials.



TOOTH PREPARATION

Clinical practice guidelines for CAD/CAM composite resin crowns*

ENSURING A PREDETERMINED THICKNESS AND SUPPRESSING CROWN DEFLECTION



1 OCCLUSAL



Orientation groove.



At least 1.5 mm of occlusal reduction in the contact area and at least 1.5 mm at the fissure area. Occlusal plane angle between 120 and 140°.

2 AXIAL



Orientation groove. Bevel the functional cusp (two planes).



Slice cut at the interproximal area.

3 MARGINS



Deep chamfer preparation from interproximal area to buccal and lingual area.

At least 1.0 mm of proximal reduction.

At least 3 mm high of parallel walls.

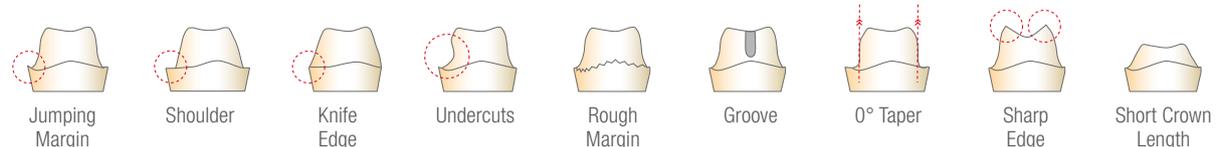
4 FINISHING



Use a diamond bur to remove edges at the occlusal and axial walls.

Round internal line angles at the occlusal and axial walls.

CONTRAINDICATIONS



*Japan Prosthodontic Society 2014

RECOMMENDED CEMENTATION

PROCEDURE FOR KATANA™ AVENCIA™ BLOCK CEMENTATIONS WITH CLEARFIL™ UNIVERSAL BOND QUICK AND PANAVIA™ SA CEMENT UNIVERSAL



EXAMPLE: SINGLE CROWN CEMENTATION

Please read the Instructions for Use supplied with the products before using them.



Blast with alumina powder (30~50um, 0.1-0.2MPa/14-29PSI/ 1-2kgf/cm²), then ultrasonic clean and dry.



Bonding optional: Apply CLEARFIL™ Universal Bond Quick with a rubbing motion. Dry by blowing mild air until BOND does not move.*

*Use a vacuum aspirator to prevent BOND from scattering.



Apply PANAVIA™ SA Cement Universal Automix Paste, remove excess cement.



Place the crown.



Light-cure for 1 to 2 seconds* or let self-cure for 2 to 4 minutes, then remove the excess cement.

* When used not in combination with CLEARFIL™ Universal Bond Quick, light-cure for 2 to 5 seconds.



Maintain isolation for **5 minutes**, or light-cure for 10 seconds* for translucent crowns.

PROCEDURE FOR KATANA™ AVENCIA™ BLOCK CEMENTATIONS WITH PANAVIA™ V5

EXAMPLE: SINGLE CROWN CEMENTATION

Please read the Instructions for use supplied with the products before using them.



Blast with alumina powder (30~50um, 0.1-0.2MPa/14-29PSI/ 1-2kgf/cm²), then ultrasonic clean and dry.



Apply K-ETCHANT Syringe, rinse and dry. Apply CLEARFIL™ CERAMIC PRIMER PLUS then dry by blowing mild air.



Apply PANAVIA™ V5 Tooth Primer, leave for 20 seconds and dry by mild airflow.



Apply PANAVIA™ V5 Paste to the crown, then place the crown.



Light cure for 3-5 seconds.



Remove the excess cement.



Remove excess cement with a small brush. Light cure the margins for 10 seconds.*

* Opaque shade is used with this procedure.



Maintain isolation for **3 minutes**, or light-cure for 10 seconds for translucent crowns.

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- Before using this product, be sure to read the Instructions for Use supplied with the product.
- The specifications and appearance of the product are subject to change without notice.
- Printed color can be slightly different from actual color.

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