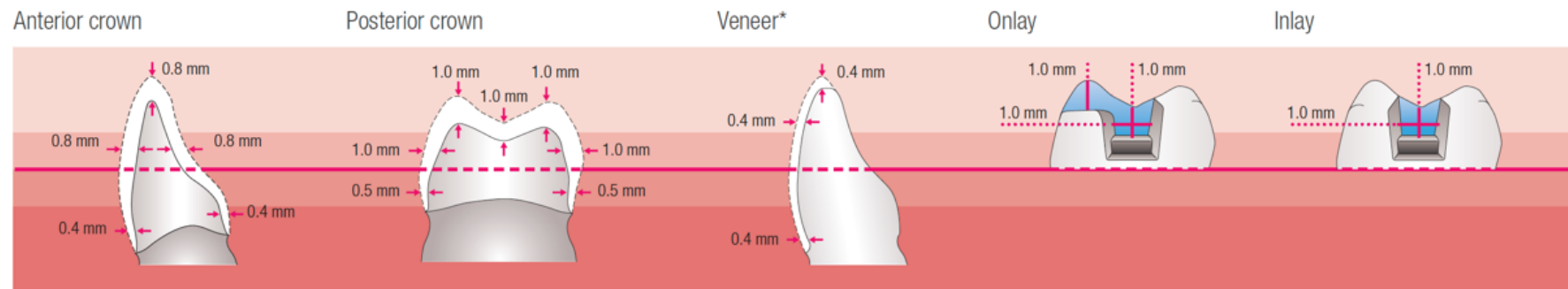


KATANA™ Zirconia YML, UTML, STML, HTML PLUS Mindeststärken und Präparationsrichtlinien

KATANA™ ZIRCONIA YML

Minimumwandstärke

MINIMUM WALL THICKNESS OF ZIRCONIA



*1 The thickness specifications apply to full zirconia restorations. The thickness of build-up porcelain is not included.

*2 The minimum wall thicknesses apply to full zirconia restoration or to frame-work for build-up porcelain restoration. In these cases, 0.4 mm (anterior) or 0.5 mm (posterior) should be kept for the area located in the bottom (lower) half of the disc.

*3 If full zirconia veneer restoration is used for combination with the porcelain, 0.8 mm or more should be kept for the area located in the upper half of the disc.

KATANA™ ZIRCONIA YML

Brückenverbund-Minimumstärke

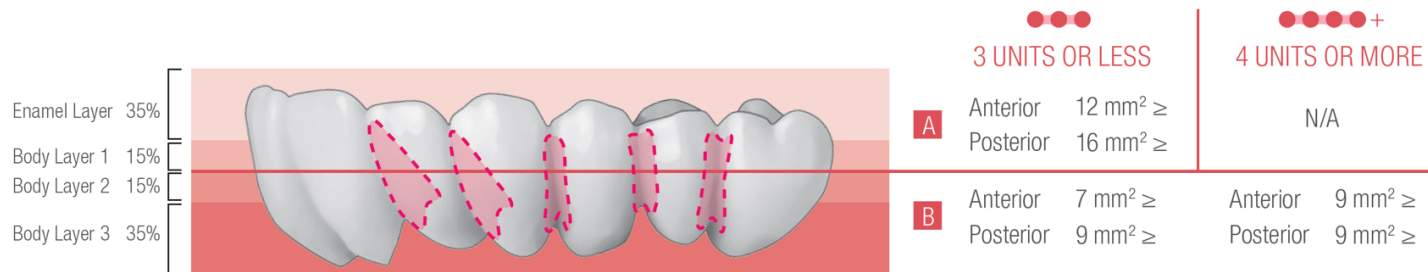
GUIDELINE OF CONNECTOR CROSS-SECTION

Please observe the following guidelines of applicable cross-section wall thickness:

LOCATION & INDICATION	CONNECTOR CROSS SECTION*
Anterior 2-3 units	7 mm ² or more
Anterior 4 units or more	9 mm ² or more
Posterior 2-3 units	9 mm ² or more
Posterior 4 units or more	9 mm ² or more

Minimum size if more than half of the cross-section areas are in the bottom half of disc (up to 50% height from the bottom [lower]).

RELATION BETWEEN SETTING POSITION AND CROSS-SECTION



3 UNITS OR LESS Connector cross-section area can be placed in any layer.

A The maximum number of pontics is one. Not suitable for a cantilevered bridge.

4 UNITS OR MORE At least 50% of the connector cross section should be positioned in the bottom (lower) half of the disc.

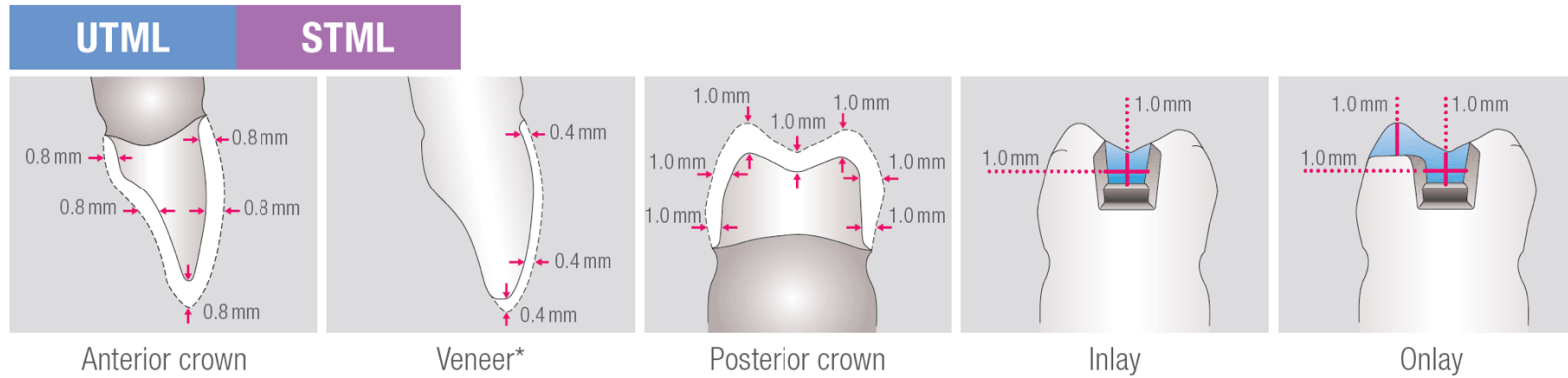
B The maximum number of pontics between two abutments (teeth) should not exceed two.
For cantilever bridge, keep the number of pontics at one. In this case, the connector cross-section must be at least 12 mm².

KATANA™ ZIRCONIA

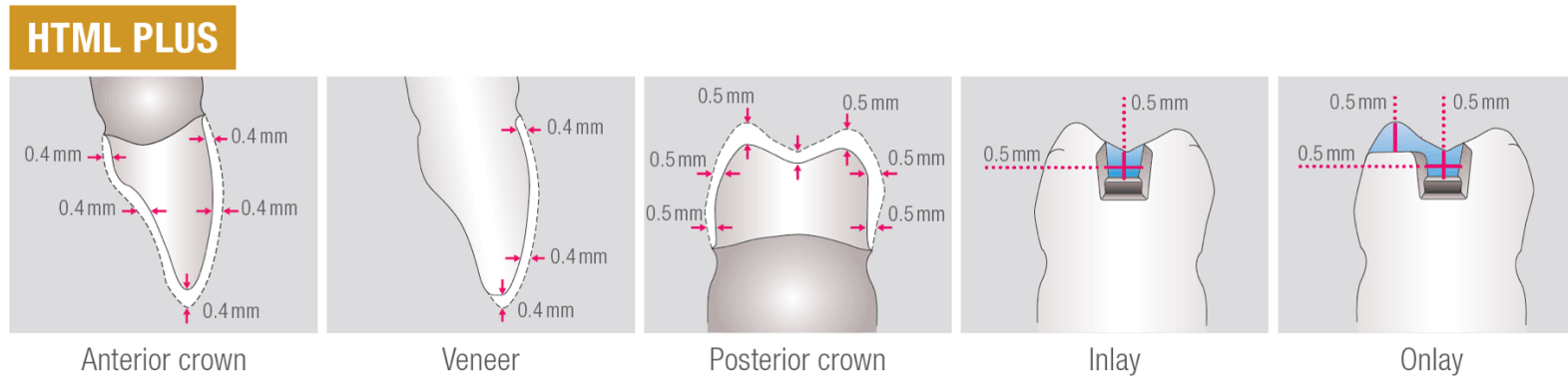
UTML / STML / HTML PLUS

Minimumwandstärke

Minimum Wall Thickness of Zirconia



*Keep 0.8mm in case of porcelain build-up. You can reduce to 0.4mm when finishing with glaze and polish.



KATANA™ ZIRCONIA UTML / STML / HTML PLUS

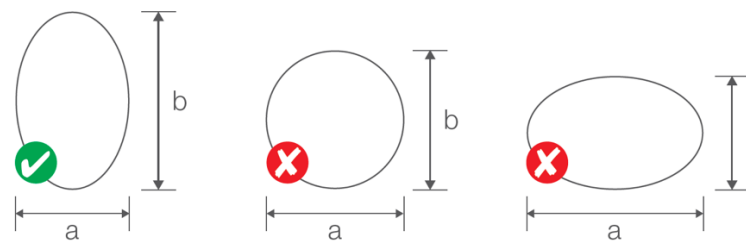
Brückenverbund-Minimumstärke

Minimum Connector Cross Section

	UTML	STML	HTML PLUS
Anterior 2-3 units	12 mm ² or more	12 mm ² or more	7 mm ² or more
Anterior 4 units or more	(not recommended)		9 mm ² or more
Posterior 2-3 units	16 mm ² or more (Premolar only)	16 mm ² or more	9 mm ² or more
Posterior 4 units or more	(not recommended)		9 mm ² or more

THE IMPORTANCE OF CONNECTOR SHAPE AND SIZE

For long-lasting results of bridge restorations, the correct connector section design and dimensions are critical. The highest force applied to a connector acts vertically, from top to bottom. Therefore, the connector cross-section area of bridge restorations should be expanded vertically rather than horizontally, if possible.



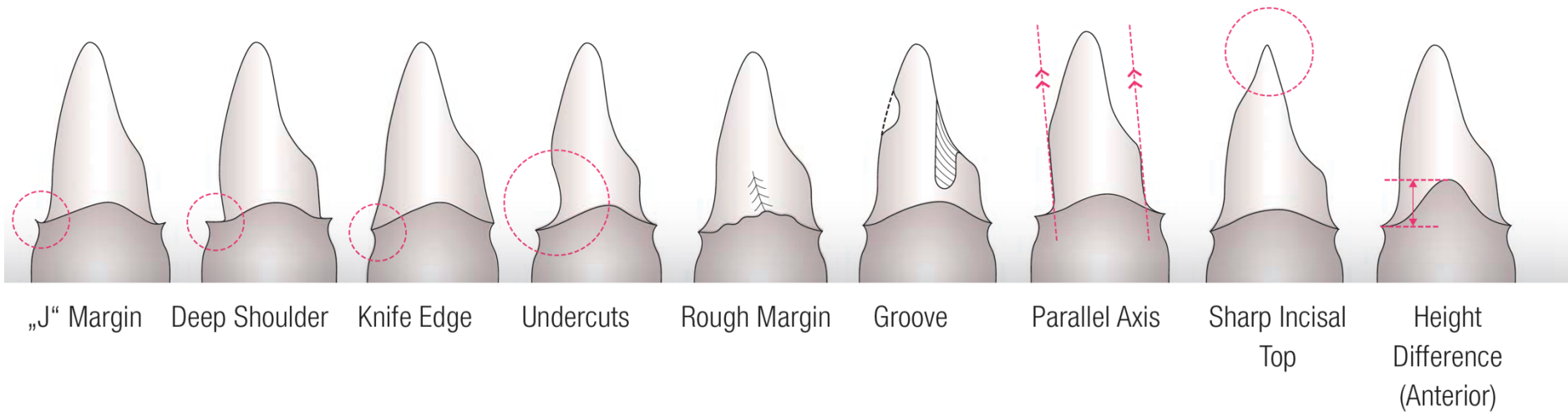
HTML / HTML PLUS ist auf max. zwei aufeinander folgende Brückenglieder innerhalb einer Brücke beschränkt, der Querschnitt sollte 12 mm² oder mehr betragen. Nur ein Freielement erlaubt (auch hier min. 12 mm² Verbinderstärke nötig! **Niemals Diamantscheibe für evtl. Separation verwenden!** Bei UTML und STML ist kein Freielement erlaubt, zudem keine zwei aufeinanderfolgenden Brückenglieder.

KATANA™ ZIRCONIA

YML / UTML / STML / HTML PLUS

Bei der Präparation unbedingt vermeiden:

Contraindications



Bildmaterial © Kuraray Noritake

Individuelle Zusammenstellung für die Anwenderinformation
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