

IVOCLAR DIGITAL SOFTWARE PARAMETER CHART_3SHAPE

- Important information:**
- Observe the Instructions for Use of the materials.
 - The given dimensions for internal crown surfaces serve as guidelines and may be customized according to individual wishes.
 - Ordering at Service+: If you come under the dimensions for external crown surfaces / core build-up the warranty is lost and an extra approval is needed.



IPS e.max® CAD (crown/bridge)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.10 mm	–
Connector settings									
Minimum connector area between two crowns	anterior	0.06 mm	0.02 mm	1.20 mm	1.20 mm	0.20 mm	65°	0.10 mm	16 mm ²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm ²
Minimum connector area by one pontic	anterior	0.06 mm	0.02 mm	1.20 mm	1.20 mm	0.20 mm	65°	0.10 mm	16 mm ²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm ²
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.655 mm							

IPS e.max® CAD MO (coping)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	0.80 mm	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	0.80 mm	0.20 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.655 mm							

IPS e.max® CAD (inlay/onlay)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	premolar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.605 mm							

IPS e.max® CAD (veneer)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	0.40 mm	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.655 mm							

IPS e.max CAD (hybrid abutment crown)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	–	–	–	1.50 mm	0.20 mm	65°	0.10 mm	–
	premolar	–	–	–	1.50 mm	0.20 mm	65°	0.10 mm	–
	molar	–	–	–	1.50 mm	0.20 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		–							
Drill compensation offset		–							
Drill radius		–							

IPS e.max CAD (hybrid abutment)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	–	–	–	0.50 mm	0.20 mm	65°	0.10 mm	–
	premolar	–	–	–	0.50 mm	0.20 mm	65°	0.10 mm	–
	molar	–	–	–	0.50 mm	0.20 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		–							
Drill compensation offset		–							
Drill radius		–							

IPS e.max ZirCAD MO/LT

Software description		Inner crown surfaces			Outer crown surface / core build-up						
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness			Margin line offset	Offset angle	Extension offset	Connector thickness
1	3				> 4						
Single crown	anterior	0.06 mm	0.01 mm	1.00 mm	0.40 mm	–	–	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.01 mm	1.00 mm	0.60 mm	–	–	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.01 mm	1.00 mm	0.60 mm	–	–	0.20 mm	65°	0.10 mm	–
	primary tele	0.06 mm	0.01 mm	1.00 mm	0.60 mm	–	–	0.20 mm	65°	0.10 mm	–
Connector settings											
Minimum connector area between two crowns	anterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.70 mm	0.20 mm	65°	0.10 mm	7 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.70 mm	0.20 mm	65°	0.10 mm	9 mm ²
Minimum connector area by one pontic	anterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.70 mm	0.20 mm	65°	0.10 mm	7 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.70 mm	0.20 mm	65°	0.10 mm	9 mm ²
Minimum connector area by two pontics	anterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.70 mm	0.20 mm	65°	0.10 mm	9 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.70 mm	0.60 mm	0.70 mm	0.20 mm	65°	0.10 mm	12 mm ²
Minimum connector area / free ending pontics	anterior	0.06 mm	0.01 mm	1.00 mm	0.70 mm	0.70 mm	0.70 mm	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.70 mm	0.70 mm	0.70 mm	0.20 mm	65°	0.10 mm	12 mm ²
Milling parameters											
New drill compensation		Yes			Minimum wall thickness hybrid abutment/ hybrid abutment crown					0.70 mm	
Drill compensation offset		1.500 mm			Maximum implant angle					30°	
Drill radius		0.600 mm									

IPS e.max ZirCAD MO (Veneering Solutions)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	–
Connector settings									
Minimum connector area between two crowns	anterior	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	7 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	7 mm ²
Minimum connector area by one pontic	anterior	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area by two pontics	anterior	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	12 mm ²
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		1.500 mm							
Drill radius		0.600 mm							

IPS e.max ZirCAD MT / MT Multi

Software description		Inner crown surfaces			Outer crown surface / core build-up						
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness			Margin line offset	Offset angle	Extension offset	Connector thickness
					Number of connected elements	1	< 3				
Single crown	anterior	0.06 mm	0.01 mm	1.00 mm	0.80 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	–
Connector settings											
Minimum connector area between two crowns	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	16 mm ²
Minimum connector area by one pontic	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	16 mm ²
Milling parameters											
New drill compensation		Yes									
Drill compensation offset		1.500 mm									
Drill radius		0.600 mm									

IPS e.max ZirCAD Prime (full and partial anatomical restorations)

Software description		Inner crown surfaces			Outer crown surface / core build-up							
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness			Margin line offset	Offset angle	Extension offset	Connector thickness	
					Number of connected elements	1	< 3					> 4
Single crown	anterior	0.06 mm	0.01 mm	1.00 mm	0.80 mm	–	–	0.20 mm	65°	0.10 mm	–	
	premolar	0.06 mm	0.01 mm	1.00 mm	1.00 mm	–	–	0.20 mm	65°	0.10 mm	–	
	molar	0.06 mm	0.01 mm	1.00 mm	1.00 mm	–	–	0.20 mm	65°	0.10 mm	–	
Connector settings												
Minimum connector area between two crowns	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
Minimum connector area by one pontic	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
Minimum connector area by two pontics	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	12 mm ²	
Minimum connector area / free ending pontices	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	12 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	12 mm ²	
Milling parameters												
New drill compensation		Yes										
Drill compensation offset		1.500 mm										
Drill radius		0.600 mm										
										Minimum wall thickness hybrid abutment/ hybrid abutment crown		0.70 mm
										Maximum implant angle		30°

IPS e.max ZirCAD Prime (Coping; Requirement: Placement in the dentin area)

Software description		Inner crown surfaces			Outer crown surface / core build-up							
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness			Margin line offset	Offset angle	Extension offset	Connector thickness	
					Number of connected elements	1	< 3					> 4
Single crown	anterior	0.06 mm	0.01 mm	1.00 mm	0.40 mm	–	–	0.20 mm	65°	0.10 mm	–	
	premolar	0.06 mm	0.01 mm	1.00 mm	0.60 mm	–	–	0.20 mm	65°	0.10 mm	–	
	molar	0.06 mm	0.01 mm	1.00 mm	0.60 mm	–	–	0.20 mm	65°	0.10 mm	–	
	primary tele	0.06 mm	0.01 mm	1.00 mm	0.60 mm	–	–	0.20 mm	65°	0.10 mm	–	
Connector settings												
Minimum connector area between two crowns	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
Minimum connector area by one pontic	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
Minimum connector area by two pontics	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	9 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	12 mm ²	
Minimum connector area / free ending pontices	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	12 mm ²	
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	1.00 mm	1.00 mm	0.20 mm	65°	0.10 mm	12 mm ²	
Milling parameters												
New drill compensation		Yes										
Drill compensation offset		1.500 mm										
Drill radius		0.600 mm										
										Minimum wall thickness hybrid abutment/ hybrid abutment crown		0.70 mm
										Maximum implant angle		30°

IPS Empress CAD (crown)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extention offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	2.00 mm	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	2.00 mm	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	2.00 mm	0.20 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.655 mm							

IPS Empress CAD (inlay/onlay)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extention offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	2.00 mm	0.20 mm	65°	0.50 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	2.00 mm	0.20 mm	65°	0.50 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.605 mm							

IPS Empress CAD (veneer)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extention offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.50 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.50 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.00 mm	0.20 mm	65°	0.50 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.655 mm							

Colado CAD CoCr4

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap PrograMill (Service+)	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extention offset	Connector thickness
Single crown	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
	molar	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
	primary tele	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
Connector settings									
Minimum connector area between two crowns	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area by one pontic	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area by two pontics	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area / free ending pontics	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		1.500 mm							
Drill radius		0.600 mm							
					Minimum wall thickness hybrid abutment/ hybrid abutment crown				0.50 mm
					Maximum implant angle				30°

Colado CAD Ti2 / Colado CAD Ti5

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap PrograMill (Service+)	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extention offset	Connector thickness
Single crown	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	–
	primary tele	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	–
Connector settings									
Minimum connector area between two crowns	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area by one pontic	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area by two pontics	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area / free ending pontices	anterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	6 mm ²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm ²
Milling parameters									
New drill compensation		Yes			Minimum wall thickness hybrid abutment/ hybrid abutment crown				0.50 mm
Drill compensation offset		1.500 mm			Maximum implant angle				30°
Drill radius		0.600 mm							

Telio CAD

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extention offset	Connector thickness
Single crown	anterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
Connector settings									
Minimum connector area between two crowns	anterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
Minimum connector area by one pontic	anterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
Minimum connector area by two pontics	anterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
Minimum connector area / free ending pontices	anterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm ²
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		1.500 mm							
Drill radius		0.600 mm							

Tetric CAD (crown)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extention offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.605 mm							

Tetric CAD (Inlay/Onlay)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	premolar	0.06 mm	0.04 mm	0.80 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.06 mm	0.04 mm	0.80 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.605 mm							

Tetric CAD (Veneer)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		0.700 mm							
Drill radius		0.605 mm							

ProArt CAD Wax yellow

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	1.20 mm	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
	primary tele	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
Connector settings									
Minimum connector area between two crowns	anterior	0.06 mm	0.02 mm	1.20 mm	1.20 mm	0.20 mm	65°	0.10 mm	16 mm ²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm ²
Minimum connector area by one pontic	anterior	0.06 mm	0.02 mm	1.20 mm	1.20 mm	0.20 mm	65°	0.10 mm	16 mm ²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm ²
Minimum connector area by two pontics	anterior	0.06 mm	0.02 mm	1.20 mm	1.20 mm	0.20 mm	65°	0.10 mm	16 mm ²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm ²
Minimum connector area / cantilever pontic	anterior	0.06 mm	0.02 mm	1.20 mm	1.20 mm	0.20 mm	65°	0.10 mm	16 mm ²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm ²
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		1.500 mm							
Drill radius		0.600 mm							

ProArt CAD Wax yellow (for Digital Press Design – Press Multi)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	–
Milling parameters									
New drill compensation		Yes							
Drill compensation offset		1.500 mm							
Drill radius		0.600 mm							

ProArt CAD Wax blue

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Single crown	anterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
	molar	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
	primary tele	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	–
Connector settings									
Minimum connector area between two crowns	anterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area by one pontic	anterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area by two pontics	anterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Minimum connector area / cantilever pontic	anterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm ²
Milling parameters									
New drill compensation	Yes								
Drill compensation offset	1.500 mm								
Drill radius	0.600 mm								

SR Vivodent CAD

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
		–	–	–	2.50 mm	–	–	–	–
Milling parameters									
Drill radius	0.800 mm								

SR Vivodent CAD Multi

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
		–	–	–	2.50 mm	–	–	–	–
Milling parameters									
Drill radius	0.800 mm								

IvoBase CAD

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Cement gap	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
		–	–	–	2.00 mm	–	–	–	–
Milling parameters									
Drill radius	0.800 mm								

ProArt CAD Try-In

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Extra cement gap	Passungs parameter	Distance to margin line	Wall thickness	Margin line offset	Offset angle	Extension offset	Connector thickness
Try In (Monoblock)		–	–	–	2.00 mm	–	–	–	–
3D Bite Plate					1.50 mm				
Milling parameters									
Drill radius	0.800 mm								