

IVOCLAR DIGITAL SOFTWARE PARAMETER CHART_EXOCAD

- 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.

exocad

IPS e.max® CAD (crown/bridge)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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									
Anticipate milling		Yes							
Diameter		1.31 mm							

IPS e.max® CAD MO (coping)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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									
Anticipate milling		Yes							
Diameter		1.31 mm							

IPS e.max® CAD (inlay/onlay)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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									
Anticipate milling		Yes							
Diameter		1.21 mm							

IPS e.max® CAD (veneer)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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									
Anticipate milling		Yes							
Diameter		1.31 mm							

IPS e.max CAD (hybrid abutment crown)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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									
Anticipate milling		–							
Diameter		–							

IPS e.max CAD (hybrid abutment)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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									
Anticipate milling		–							
Diameter		–							

IPS e.max ZirCAD MO/LT

Software description		Inner crown surfaces			Outer crown surface / core build-up						
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness			Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
1	< 3				> 4						
Single crown	anterior	0.06 mm	0.02 mm	1.00 mm	0.40 mm			0.20 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.02 mm	1.00 mm	0.60 mm			0.20 mm	65°	0.10 mm	–
	molar	0.06 mm	0.02 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	0.02 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	0.02 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	0.02 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	0.02 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 between two crowns	anterior	0.06 mm	0.02 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	0.02 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 / cantilever pontic	anterior	0.06 mm	0.02 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	0.02 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											
Anticipate milling		Yes			Minimum wall thickness hybrid abutment/hybrid abutment crown					0.70 mm	
Diameter		1.2 mm			Maximum implant angle					30°	

IPS e.max ZirCAD MT / MT Multi

Software description		Inner crown surfaces			Outer crown surface / core build-up						
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness			Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
1	< 3				> 4						
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	0.02 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.02 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	0.02 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	12 mm ²
	posterior	0.06 mm	0.02 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	16 mm ²
Milling parameters											
Anticipate milling		Yes									
Diameter		1.2 mm									

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

Software description		Inner crown surfaces			Outer crown surface / core build-up						
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness			Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
					Number of connected elements	1	< 3				
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 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	12 mm ²
Minimum connector area / cantilever 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	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											
Anticipate milling		Yes			Minimum wall thickness hybrid abutment/hybrid abutment crown						0.70 mm
Diameter		1.2 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						
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness			Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
					Number of connected elements	1	< 3				
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	–
	Primär TK	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 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	12 mm ²
Minimum connector area / cantilever 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	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											
Anticipate milling		Yes			Minimum wall thickness hybrid abutment/hybrid abutment crown						0.70 mm
Diameter		1.2 mm			Maximum implant angle						30°

IPS Empress CAD (crown)

Software description		Inner crown surfaces			Outer crown surface / core build-up						
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector		
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											
Anticipate milling		Yes									
Diameter		0.31 mm									

IPS Empress CAD (inlay/onlay)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
Single crown	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									
Anticipate milling		Yes							
Diameter		0.21 mm							

IPS Empress CAD (veneer)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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	–
Milling parameters									
Anticipate milling		Yes							
Diameter		0.31 mm							

Colado CAD CoCr4

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
Single crown		PrograMill (Service+)							
	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	–
	Primär TK	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 / cantilever 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
Milling parameters									
Anticipate milling		Yes			Minimum wall thickness hybrid abutment/hybrid abutment crown				0.50 mm
Diameter		1.2 mm			Maximum implant angle				30°

Colado CAD Ti2 / Colado CAD Ti5

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement PrograMill (Service+)	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
Single crown	anterior	0.04 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	–
	Primär TK	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 / cantilever 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
Milling parameters									
Anticipate milling		Yes			Minimum wall thickness hybrid abutment/hybrid abutment crown				0.50 mm
Diameter		1.2 mm			Maximum implant angle				30°

Telio CAD

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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 / cantilever 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
Milling parameters									
Anticipate milling		Yes							
Diameter		1.2 mm							

Tetric CAD (crown)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
Single crown	anterior	0.06 mm	0.00 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.00 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.06 mm	0.00 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
Milling parameters									
Anticipate milling		Yes							
Diameter		1.2 mm							

Tetric CAD (inlay/onlay)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
Single crown	premolar	0.06 mm	0.00 mm	0.80 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.06 mm	0.00 mm	0.80 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
Milling parameters									
Anticipate milling		Yes							
Diameter		1.2 mm							

Tetric CAD (veneer)

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
Single crown	anterior	0.06 mm	0.00 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	premolar	0.06 mm	0.00 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
	molar	0.06 mm	0.00 mm	1.20 mm	1.50 mm	0.10 mm	65°	0.10 mm	–
Milling parameters									
Anticipate milling		Yes							
Diameter		1.2 mm							

ProArt CAD Wax yellow

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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	–
	Primär TK	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									
Anticipate milling		Yes							
Diameter		1.2 mm							

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

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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									
Anticipate milling		Yes							
Diameter		1.2 mm							

ProArt CAD Wax blue

Software description		Inner crown surfaces			Outer crown surface / core build-up				
		Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
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	–
	Primär TK	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									
Anticipate milling		Yes							
Diameter		1.2 mm							

SR Vivodent CAD

Software description	Inner crown surfaces			Outer crown surface / core build-up				
	Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
	-	-	-	2.50 mm	-	-	-	-
Milling parameters								
Anticipate milling	Yes							
Diameter	1.6 mm							

SR Vivodent CAD Multi

Software description	Inner crown surfaces			Outer crown surface / core build-up				
	Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
	-	-	-	2.50 mm	-	-	-	-
Milling parameters								
Anticipate milling	Yes							
Diameter	1.6 mm							

IvoBase CAD

Software description	Inner crown surfaces			Outer crown surface / core build-up				
	Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
	-	-	-	2.00 mm	-	-	-	-
Milling parameters								
Anticipate milling	Yes							
Diameter	1.6 mm							

ProArt CAD Try-In

Software description	Inner crown surfaces			Outer crown surface / core build-up				
	Gap thickness of cement	Add. distance x/y	Beginning of cement	Minimal thickness	Horizontal margin thickness	Crown margin angle parameters	Angled margin thickness	Cross section of connector
Try In (Monoblock)	-	-	-	2.00 mm	-	-	-	-
3D Bite Plate	-	-	-	1.50 mm	-	-	-	-
Milling parameters								
Anticipate milling	Yes							
Diameter	1.6 mm							