exocad

ivoclar

Ivoclar 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.

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 mm²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm²
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 mm²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm²

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
					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	–
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 mm²
	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 mm²
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 mm²
	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 mm²
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 mm²
	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 mm²
Minimum connector area / cantilever pontic	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 mm²
	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 mm²

Milling parameters

Anticipate milling	Yes
Diameter	1.2 mm

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
					Number of connected elements						
					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 mm²
	posterior	0.06 mm	0.02 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	16 mm²
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 mm²
	posterior	0.06 mm	0.02 mm	1.00 mm	1.00 mm	1.00 mm	–	0.20 mm	65°	0.10 mm	16 mm²

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	> 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 mm²
	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 mm²
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 mm²
	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 mm²
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 mm²
	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 mm²
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 mm²
	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 mm²

Milling parameters

Anticipate milling	Yes
Diameter	1.2 mm

IPS e.max® ZirCAD Prime Esthetic (Full and partial anatomical restorations)

Software description		Cement spaces			Outer crown surface						
		Extra vertical gap Extra horizontal gap	Cement gap	Collar line position	Minimum thickness			Margin thickness	Emergence angle	Margin thickness	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	–	–	0.20 mm	65°	0.10 mm	12 mm²
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	–	–	0.20 mm	65°	0.10 mm	16 mm²
Minimum connector area by one pontic	anterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	–	–	0.20 mm	65°	0.10 mm	12 mm²
	posterior	0.06 mm	0.01 mm	1.00 mm	1.00 mm	–	–	0.20 mm	65°	0.10 mm	16 mm²

Milling parameters

Drill compensation	Yes
Inner-/Outer compensation Tool Radius	0.600 mm

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	> 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	–
	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	0.60 mm	0.60 mm	0.60 mm	0.20 mm	65°	0.10 mm	9 mm²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.60 mm	0.20 mm	65°	0.10 mm	9 mm²
Minimum connector area by one pontic	anterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.60 mm	0.20 mm	65°	0.10 mm	9 mm²
	posterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.60 mm	0.20 mm	65°	0.10 mm	9 mm²
Minimum connector area by two pontics	anterior	0.06 mm	0.01 mm	1.00 mm	0.60 mm	0.60 mm	0.60 mm	0.20 mm	65°	0.10 mm	9 mm²
	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 mm²
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 mm²
	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 mm²

Milling parameters

Anticipate milling	Yes
Diameter	1.2 mm

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

Kera NEM

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 (0.06 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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²

Milling parameters

Anticipate milling	Yes	**Minimum wall thickness abutment crown and bar abutment tooth**	0.50 mm
Diameter	1.2 mm	**Maximum implant angle**	30°

Kera 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 (0.06 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	–
	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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm (0.06 mm)	0.01 mm	1.00 mm	0.50 mm	0.10 mm	65°	0.10 mm	9 mm²

Milling parameters

Anticipate milling	Yes	**Minimum wall thickness abutment crown and bar abutment tooth**	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 mm²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm²
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 mm²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm²
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 mm²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm²
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 mm²
	posterior	0.06 mm	0.00 mm	1.00 mm	1.50 mm	0.20 mm	65°	0.10 mm	12 mm²

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 mm²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm²
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 mm²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm²
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 mm²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm²
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 mm²
	posterior	0.06 mm	0.02 mm	1.20 mm	1.50 mm	0.20 mm	65°	0.10 mm	16 mm²

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 mm²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²
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 mm²
	posterior	0.04 mm	0.01 mm	1.00 mm	0.40 mm	0.10 mm	65°	0.10 mm	9 mm²

Milling parameters

Anticipate milling	Yes
Diameter	1.2 mm

Ivotion Dent

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

Ivotion Dent 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

Ivotion Base

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

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