

IVOCLAR DIGITAL SOFTWARE PARAMETER CHART_DENTAL WINGS

- 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 | | 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.655 mm | | | | | | | |

IPS e.max® CAD MO (coping)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.655 mm | | | | | | | |

IPS e.max® CAD (inlay/onlay)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.605 mm | | | | | | | |

IPS e.max® CAD (veneer)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.655 mm | | | | | | | |

IPS e.max CAD (hybrid abutment crown)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | – | | | | | | | |
| Inner-/Outer compensation Tool Radius | | – | | | | | | | |

IPS e.max CAD (hybrid abutment)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | – | | | | | | | |
| Inner-/Outer compensation Tool Radius | | – | | | | | | | |

IPS e.max ZirCAD MO/LT

| 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 | 0.40 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 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 / 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 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 | | | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | | Minimum wall thickness hybrid abutment/ hybrid abutment crown | 0.70 mm |
| Inner-/Outer compensation Tool Radius | | 0.600 mm | | | | | | | | Maximum implant angle | 30° |

IPS e.max ZirCAD MT / MT Multi

| 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 | | | | |
| 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 | | | | | | | | | | | |
| Drill compensation | | Yes | | | Minimum wall thickness hybrid abutment/ hybrid abutment crown | | | | | | 0.70 mm |
| Inner-/Outer compensation Tool Radius | | 0.600 mm | | | Maximum implant angle | | | | | | 30° |

IPS e.max ZirCAD Prime (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 | | | | |
| 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 / 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 | | | | | | | | | | | |
| Drill compensation | | Yes | | | Minimum wall thickness hybrid abutment/ hybrid abutment crown | | | | | | 0.70 mm |
| Inner-/Outer compensation Tool Radius | | 0.600 mm | | | Maximum implant angle | | | | | | 30° |

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

| 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 | | | | |
| 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 | 0.60 mm | 0.20 mm | 65° | 0.10 mm | 9 mm ² |
| | 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 mm ² |
| Minimum connector area by one pontic | anterior | 0.06 mm | 0.01 mm | 1.00 mm | 0.60 mm | 0.60 mm | 0.60 mm | 0.20 mm | 65° | 0.10 mm | 9 mm ² |
| | 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 mm ² |
| Minimum connector area by two pontics | anterior | 0.06 mm | 0.01 mm | 1.00 mm | 0.60 mm | 0.60 mm | 0.60 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 | | | | | | | | | | | |
| Drill compensation | | Yes | | | Minimum wall thickness hybrid abutment/ hybrid abutment crown | | | | | | 0.70 mm |
| Inner-/Outer compensation Tool Radius | | 0.600 mm | | | Maximum implant angle | | | | | | 30° |

IPS Empress CAD (crown)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.655 mm | | | | | | | |

IPS Empress CAD (inlay/onlay)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.605 mm | | | | | | | |

IPS Empress CAD (veneer)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.655 mm | | | | | | | |

Colado CAD CoCr4

| Software description | | Cement spaces | | | Outer crown surface | | | | |
|--|--------------|---|------------|----------------------|--|------------------|-----------------|------------------|---------------------|
| | | Extra vertical gap Extra horizontal gap PrograMill (Service+) | Cement gap | Collar line position | Minimum thickness | Margin thickness | Emergence angle | Margin thickness | 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 / 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.600 mm | | | | | | | |
| | | | | | Minimum wall thickness abutment crown and bar abutment tooth | | | | 0.50 mm |
| | | | | | Maximum implant angle | | | | 30° |

Colado CAD Ti2 / Colado CAD Ti5

| Software description | | Cement spaces | | | Outer crown surface | | | | |
|--|--------------|---|------------|----------------------|---|------------------|-----------------|------------------|---------------------|
| | | Extra vertical gap Extra horizontal gap PrograMill (Service+) | Cement gap | Collar line position | Minimum thickness | Margin thickness | Emergence angle | Margin thickness | 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 / 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 | | | | | | | | | |
| Drill compensation | | Yes | | | Minimum wall thickness abutment/abutment crown and bar abutment tooth | | | | 0.50 mm |
| Inner/Outer compensation Tool Radius | | 0.600 mm | | | Maximum implant angle | | | | 30° |

Telio CAD

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

Tetric CAD (Krone)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner/Outer compensation Tool Radius | | 0.605 mm | | | | | | | |

Tetric CAD (Inlay/Onlay)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.605 mm | | | | | | | |

Tetric CAD (Veneer)

| 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 |
| 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 | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.605 mm | | | | | | | |

ProArt CAD Wax yellow

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

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

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

ProArt CAD Wax blue

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

ProArt CAD Wax pink

| 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 |
| | | – | – | – | 2.50 mm | – | – | – | – |
| Milling parameters | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.800 mm | | | | | | | |

SR Vivodent CAD

| 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 |
| | | – | – | – | 2.50 mm | – | – | – | – |
| Milling parameters | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.800 mm | | | | | | | |

SR Vivodent CAD Multi

| 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 |
| | | – | – | – | 2.00 mm | – | – | – | – |
| Milling parameters | | | | | | | | | |
| Drill compensation | | Yes | | | | | | | |
| Inner-/Outer compensation Tool Radius | | 0.800 mm | | | | | | | |

IvoBase CAD

| 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 |
| | – | – | – | 2.00 mm | – | – | – | – |

| Milling parameters | |
|---------------------------------------|----------|
| Drill compensation | Yes |
| Inner-/Outer compensation Tool Radius | 0.800 mm |

ProArt CAD Try-In

| 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 |
| Try In (Monoblock) | – | – | – | 2.00 mm | – | – | – | – |
| 3D Bite Plate | | | | 1.50 mm | | | | |

| Milling parameters | |
|---------------------------------------|----------|
| Drill compensation | Yes |
| Inner-/Outer compensation Tool Radius | 0.800 mm |