

Parameter recommendation Exocad



LASERMELTING



MILLING



3D-PRINTING



SERVICE

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Parameter recommendation Exocad Cobalt-chrome (CoCr) / Titanium

Crown Bottoms ? x

GAP BORDER UNDERCUTS

CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm

ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

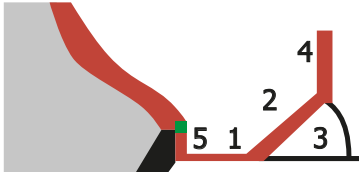
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION




OK Cancel

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:

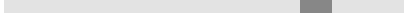
Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel


Parameter recommendation Exocad


Cobalt-chrome (CoCr) / Titanium secondary telescopic crown

Crown Bottoms ? x

GAP BORDER UNDERCUTS


CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm 

ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

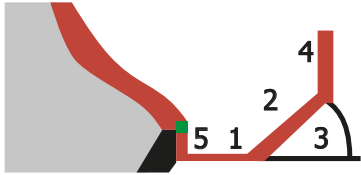
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION



OK Cancel


Do not change this value

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts

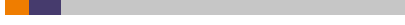
Angle ° 

Protected zone near margin line:

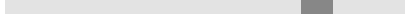
Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel


Do not change this value


Parameter recommendation Exocad Gold

Crown Bottoms ? x

GAP BORDER UNDERCUTS


CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm 

▼ ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

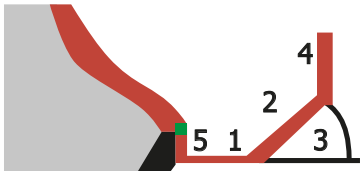
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION




OK Cancel

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:


Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel

Do not change this value

Parameter recommendation Exocad Partial framework (RPD)

Cobalt-chrome (CoCr) / Titanium LaserMelting

	Section area	Width	Thickness
Lingual bar	6,0 mm ²	4,0 mm	2,0 mm
Clasp connector	3,5 mm ²	3,0 mm	1,5 mm
Clasp shoulder	1,6 mm ²	1,8 mm	1,2 mm
Clasp tip	1,2 mm ²	1,2 mm	1,0 mm
Double rests	2,5 mm ²	-	1,4 mm
Single rests	-	-	0,6 mm
Anterior-posterior palatal strap	-	8,0 mm	1,0 - 1,2 mm
Full palatal plate	-	10,0 mm	0,8 mm

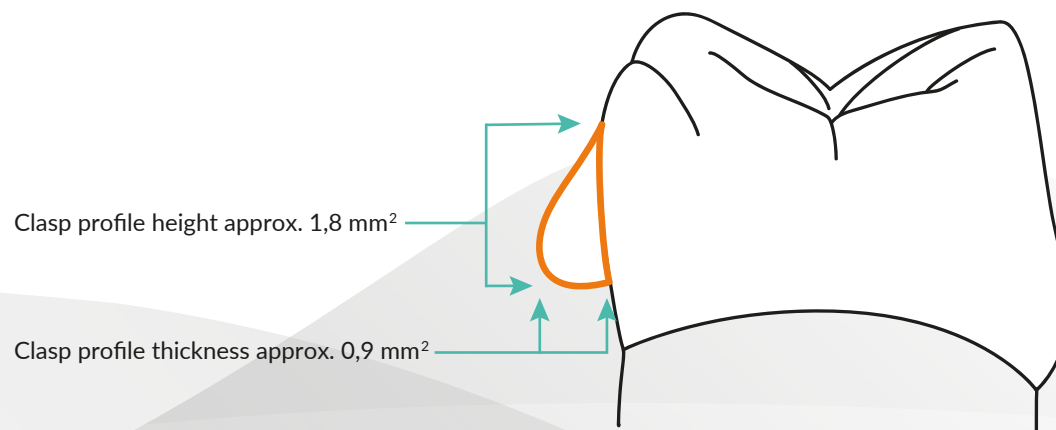
PEEK

Indications CoCr / Ti + 50 % enlargement

Indications

The specification is a rough guide

- Removable partial denture must be designed from a dental and anatomical point of view
- General minimum thickness 0.6 mm
- Attachment of fitting bars / connectors is to be avoided





Parameter recommendation Exocad Cobalt-chrome (CoCr) / Titanium

Crown Bottoms
? X

GAP
BORDER
UNDERCUTS


CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm 

▼ ADDITIONAL SPACING

Axial mm 


Radial mm 


OK
Cancel


Crown Bottoms
? X


GAP
BORDER
UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

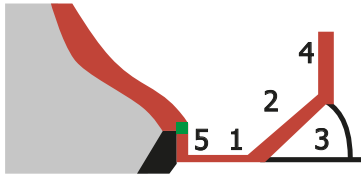
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION



OK
Cancel


Do not change this value

Crown Bottoms
? X


GAP
BORDER
UNDERCUTS

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:

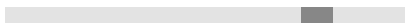
Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts
Apply

OK
Cancel

Do not change this value


Parameter recommendation Exocad


Cobalt-chrome (CoCr) / Titanium secondary telescopic crown

Crown Bottoms ? x

GAP BORDER UNDERCUTS


CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm 

▼ ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

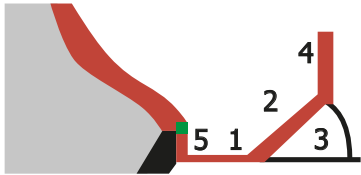
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION




OK Cancel

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:

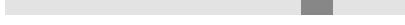
Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel

Do not change this value





Parameter recommendation Exocad Zirconia

Crown Bottoms ? x

GAP BORDER UNDERCUTS


CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm 

▼ ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

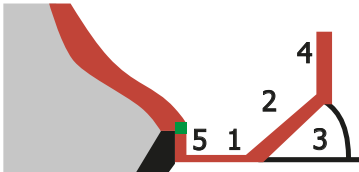
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION




OK Cancel

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:


Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel

Do not change this value





Parameter recommendation Exocad Glass / hybrid ceramics

Crown Bottoms ? x

GAP BORDER UNDERCUTS


CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm 

ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

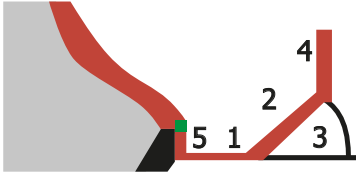
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION



OK Cancel


Do not change this value

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:

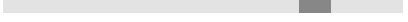
Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel


Do not change this value


Parameter recommendation Exocad Plastics / PEEK / Wax

Crown Bottoms ? x

GAP BORDER UNDERCUTS

CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm

▼ ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

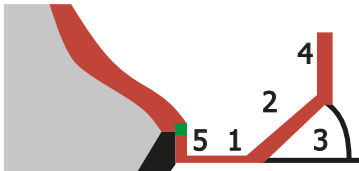
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION



OK Cancel


Do not change this value

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:

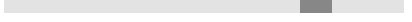
Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel


Do not change this value


Parameter recommendation Exocad PEEK secondary telescopic crown

Crown Bottoms ? x

GAP BORDER UNDERCUTS


CEMENT GAP

No cement gap 


Gap mm 


Add another zone ...

SELECT ZONES BY DISTANCE

From margin mm 

▼ ADDITIONAL SPACING

Axial mm 


Radial mm 


OK Cancel


Crown Bottoms ? x


GAP **BORDER** UNDERCUTS


CROWN BORDER PARAMETERS

1. Horizontal mm 

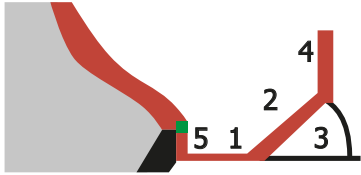
2. Angled mm 

3. Angle ° 

4. Vertical mm 

5. Below margin mm 

PARAMETER EXPLANATION




OK Cancel

Crown Bottoms ? x


GAP BORDER **UNDERCUTS**

UNDERCUTS

Don't block out undercuts


Angle ° 

Protected zone near margin line:

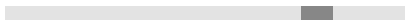
Size mm 

MILLING

Anticipate milling

Diameter mm 

Bullnose/flat tool

Tool tip flat percentage % 

Show undercuts Apply

OK Cancel

Do not change this value



Parameter recommendation Exocad Splint

Design Bite Splint Bottom ? x

◀ **PROPERTIES** FREE-FORMING ▶

BLOCK OUT UNDERCUTS

Offset mm

Angle °

Allow undercuts to mm

BITE SPLINT BOTTOM PROPERTIES

Smoothing %

Min. thickness mm

Milling diameter mm

Set insertion direction from view ✦

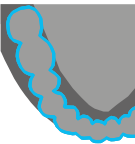
Apply

OK Cancel

Design Bite Splint Top ? x

MARGIN POSTERIOR AREA

Click gingiva and teeth to draw the bite splint margin line.



Clear

Undo Redo

SURFACE PROPERTIES

Occlusal Thickness mm

Peripheral Thickness mm

Smoothing mm

Allow design on palate

Apply

OK Cancel

Do not change this value



Parameter recommendation Exocad Printed model

Plateless Model Design ?

DIES SETTINGS

Pin height mm

Preparation margin e... mm

Seating width mm

Omit die pin
 Add concavity

Reset Set from view

Undo Redo

Run

Back Next

Click 'Next' to add attachments

Plateless Model Design ?

SETTINGS

Base

Horizontal shaft g... mm

Vertical shaft gap mm

Pedestal height mm

Ditch

Ditch width mm

Ditch depth avg. mm

Ditch height avg. mm

Add pin grooves

Run

Back Next

Click 'Next' to add attachments

Plateless Model Design ?

SETTINGS

Add pin grooves

Groove width mm

Groove depth mm

Hollow model

Wall thickness mm

Bottom sill mm

Cavity fill diameter mm

Anticipate milling

Diameter mm

Run

Back Next

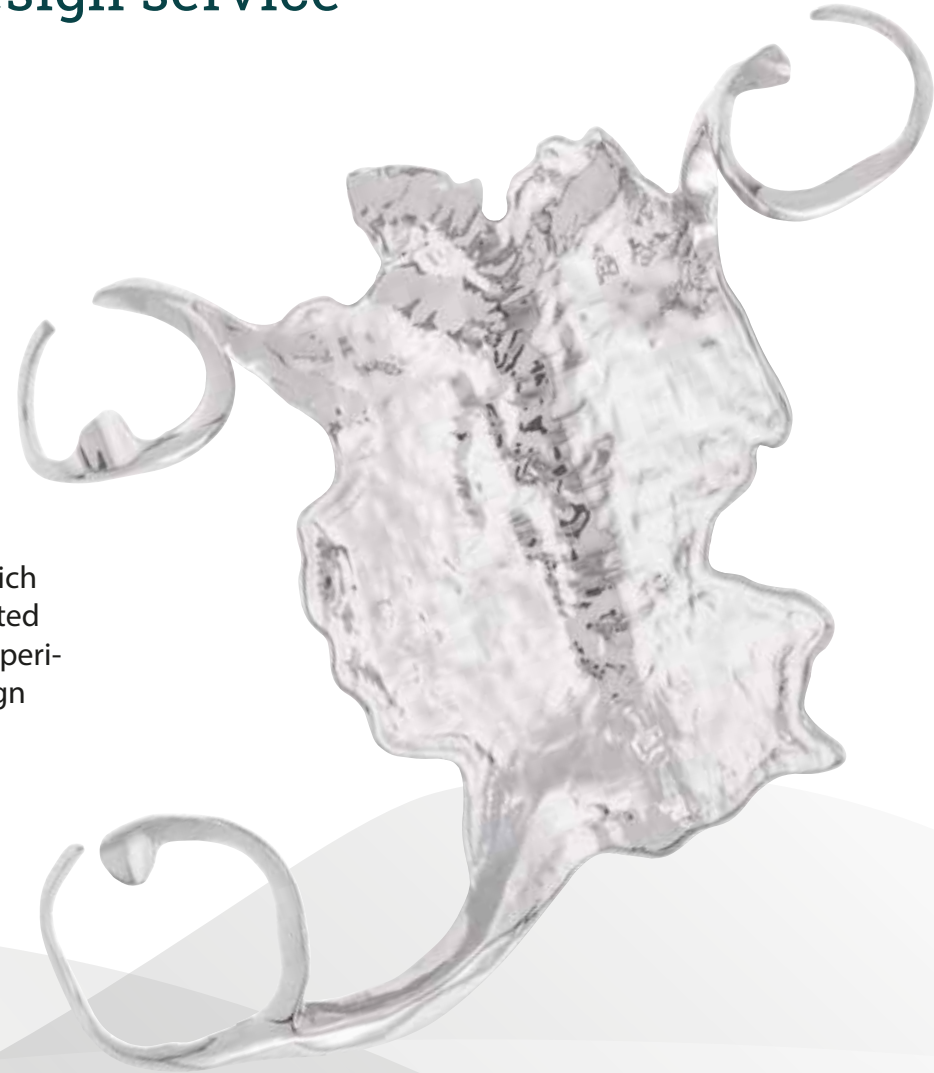
Click 'Next' to add attachments



SERVICE

Parameter recommendation Exocad Scan / design service

On the basis of the model you have sent in, which we scan for you, or on the basis of the transmitted scan data (intraoral scan or model scan), our experienced CAD specialists create your desired design and implement it in the appropriate material.



CADdent® GmbH
Max-Josef-Metzger-Str. 6 | 86157 Augsburg

Phone: +49 821 5999965-0
E-mail: uk@caddent.eu

from technician to technician

W W W . C A D D E N T . E U