

exocad[®] Parameters for Dental Models built with EnvisionTEC 3D Printers

The **exocad**[®] DentalCAD software has been successfully tested by EnvisionTEC[®] for dental model design used on our **3Dent**[™] system. The software settings for the different model types as shown below will help you achieve the best results. We recommend the use of our **E-Denstone** material for your build models.

Settings for Dental Models with Dies

For the design of dental models, use the **exocad® Model Creator** module.

EnvisionTEC recommends the following settings for the dental model design:

Plateless Model Design		Plateless Model Design		Plateless Model Design	×
Calculation finished.	?	Calculation finished.	?	Calculation finished.	?
▲ Change model parameters		▲ Change model parameters		▲ Change model parameters	
Base		Ditch		Die	-
Horizontal shaft gap		Ditch width		Pin height	
0,05 mm		0,5 m	m	2 mm	1
Vertical shaft gap		Ditch depth avg.		Preparation margin extrusion	
0,1 mm		0,5 m	m	0 mn	1
Ditch	ñ l			Seating width	
Ditch width		Die		1 mm	1
0,5 mm		Pin height		🔲 Omit die pin	
	-			Add concavity	
Run		Run		Run	
OK Cancel		ОК Сапсе	ŧ	OK Cancel	
Plateless Model Design Calculation finished.	?	Plateless Model Design Calculation finished.	?		
▲ Change model parameters		 Change model parameters 			
Add pin grooves		Hollow model			
Groove width		Wall thickness			
1 mm		4 m	m		
Groove depth		Cavity fill diameter			
1 mm		0 m	m		
V Hollow model		Anticipate milling			
Wall thickness		Diameter			
4 mm	-		m 🗨		
Run		Run			
OK Cancel		ОК Сапсе	el		