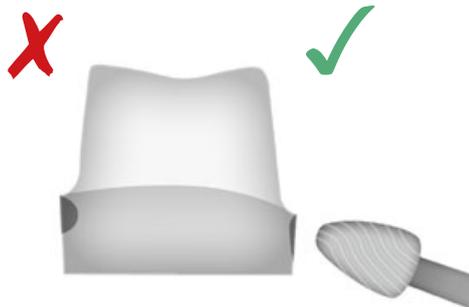




MODEL PREPARATION GUIDELINES TO GET THE BEST FROM CAD/CAM

Margin Preparation

Dies should be ditched directly below the margin with a suitable bur. Too large an undercut can affect scanning and increase the possibility of chipping.



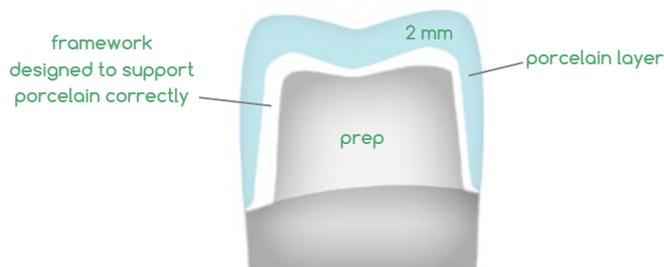
Gutter margins, over parallel preps and large undercuts all require waxing out to make scanning possible, thereby possibly affecting the fit of the final restoration. CAD/CAM, being a new technology, requires a new approach to die preparation to take advantage of the high degree of accuracy now available to us.

For single dies that need building up please provide a wax coping which we can scan and match. No need to send models. Current best practice is to provide enough metal free support so that no more than 2 mm of porcelain is required.

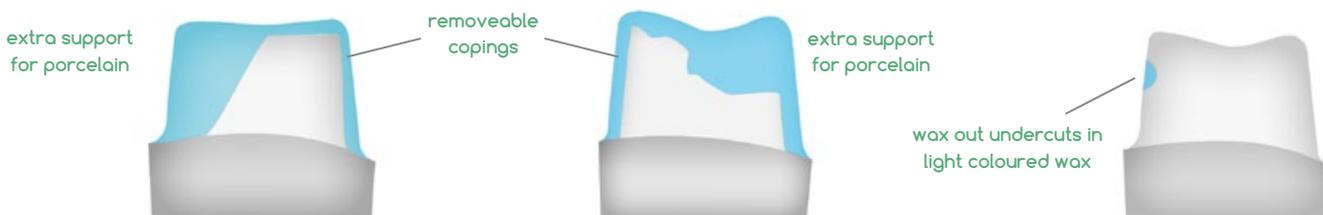
Porcelain Support

To further guarantee the results you want for the design of your coping or framework, you can supply either a wax coping for singles, just the wax pontic for bridges or even the whole waxup (just rough). We can scan this and superimpose the shapes and match the frame exactly to your requirements.

Remember to use a light coloured wax.



Waxup for die repair



Porcelain guidelines

Recommended porcelains for Alumina (CE 8.4)

Nobel Rondo AL
 Degussa Allceram
 GC Initial AL
 Vita Alpha
 Vita VM7
 Noritake Cerebien AL
 Matchmaker ALX
 Shofu AL
 Creation AL

Recommended porcelains for Zirconia (CE 10.3)

Nobel Rondo ZR
 Degussa Cerconceram
 GC Initial ZR
 Noritake Cerebien ZR
 Matchmaker ZR
 Vita VM9
 Lavaceram
 Shofu ZR
 Creation ZR