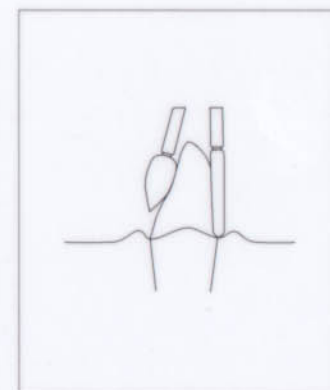
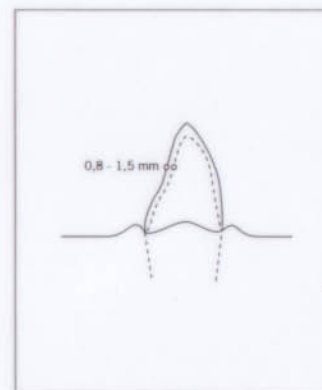
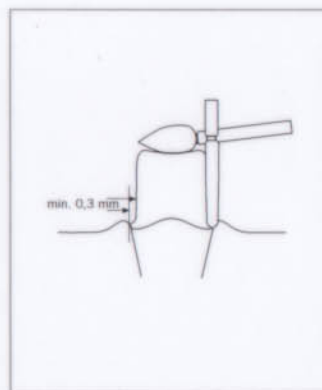
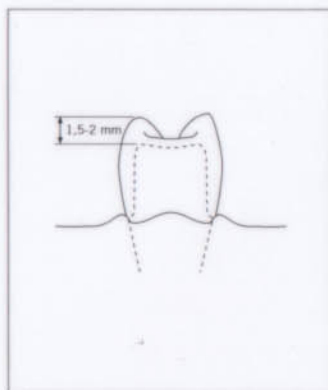


## Preparation Guide

for Ceramic CAD/CAM  
cut Crowns and Bridges



### Preparation Technology

Due to the extreme hardness of zirconium oxide and the guidelines for CAD/CAM processing, the following points should be considered for preparation:

- Shoulder and Chamfer preparations transmit chewing pressure that insures the YZ\* restoration its strength.
- YZ\* ceramics require at least 0.3 mm support; otherwise there is danger of ceramic fatigue.
- The occlusal or incisal edges should be slightly rounded (always avoid sharp edges).
- There should always be an optimum path of insertion between all dies. Designing bridges with diverging dies can be produced. However, if the diverging degree is too much, it may lead to a dis-marginal perfect fit.
- Between the stump and the opposing, there should be at least 1.5-2 mm space.
- Sufficient space for possible connections should also be available. Standard is at least 3 x 3 mm.

\*YZ = Yittra stabilized Zirconia