CADdent®

Guide to secondary telescopics in the HYBRID production

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Secondary telescopics HYBRID production
Guide

A structured workflow is crucial for quality and efficiency in dental technology. Although getting started with HYBRID production requires training, you can achieve considerable time and cost savings through patience and experience.

This guide is meant to help you optimize the most important steps and use best practices for precise and reliable production of secondary telescopics.

The fit of a work depends on the following factors

- Configuration of primary telescopics
- Digitization of the work
- Design

We recommend **carrying out a test** to determine the appropriate values.

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Configuration of primary telescopics

Parallel telescopic crowns

Recommended angle of 0°.

Circular friction surfaces

At least 2 to 3 mm high.

Opposite friction surfaces

At the same height to ensure function.

Clear shoulders and margins

Well-defined shoulders and occlusally rounded edges for increased accuracy of fit.

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Precise scans

Regular calibration

Especially in case of temperature fluctuations.

Detailed settings

Set the scanner to the best possible resolution.

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Precise scans

Individual scans

Scan each telescopic individually, avoid multi-die holders.

Optical scanner

When scanning with an optical scanner, a scan spray (antireflective spray) is essential. Spray evenly - as thin as possible, as thick as necessary.
No reflections should be visible and there should be no coating layer.

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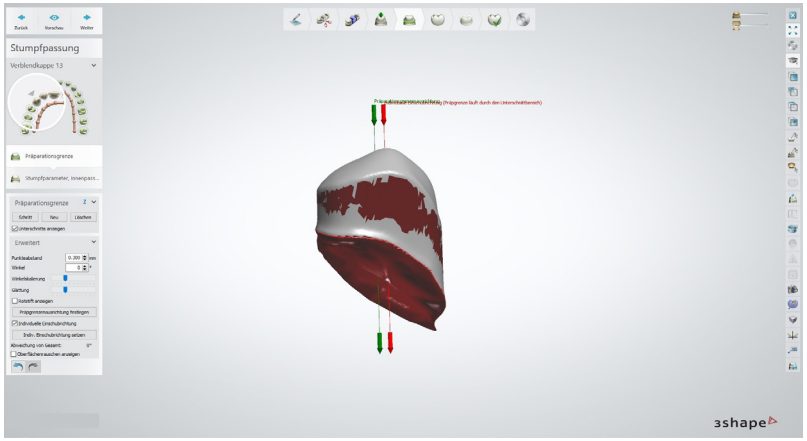
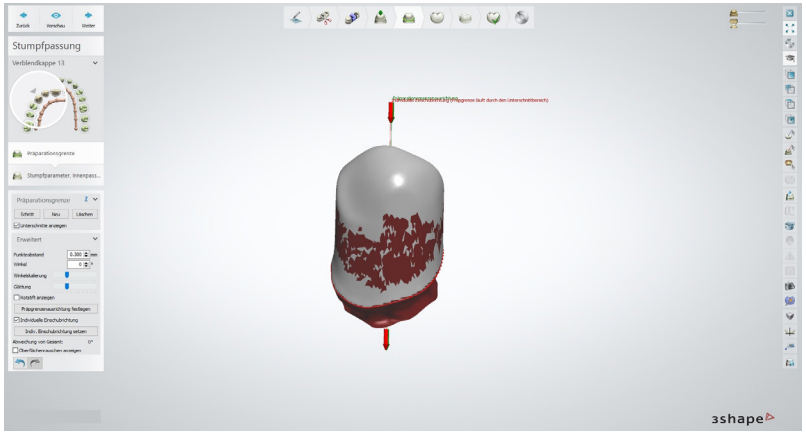
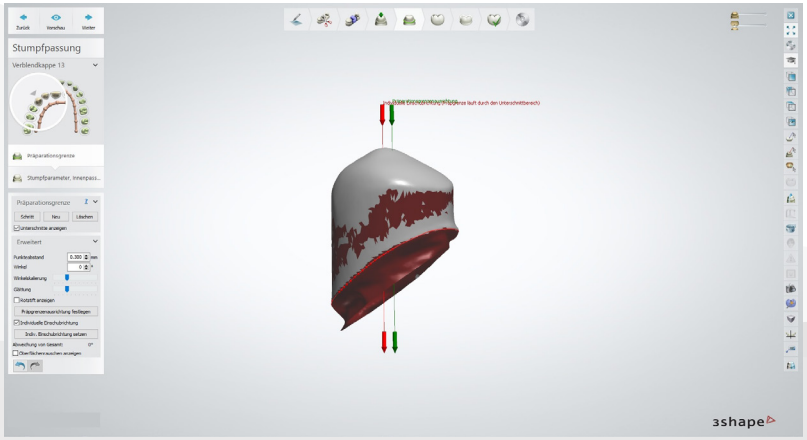
Design

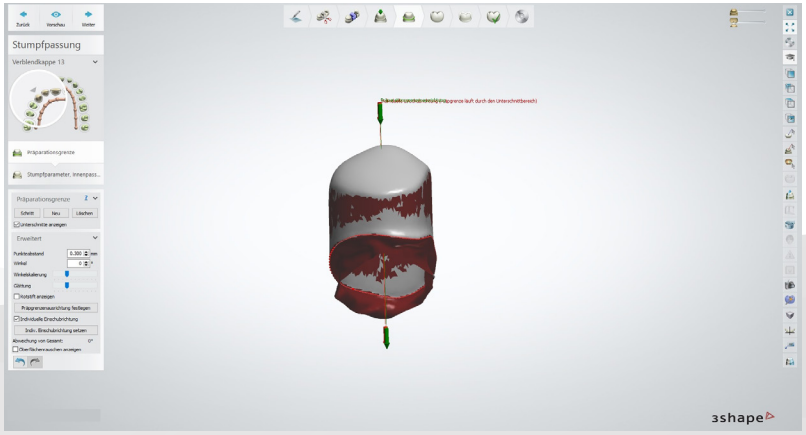
Insertion direction

This must be determined separately for each telescopic - a circular camouflage pattern is considered ideal.







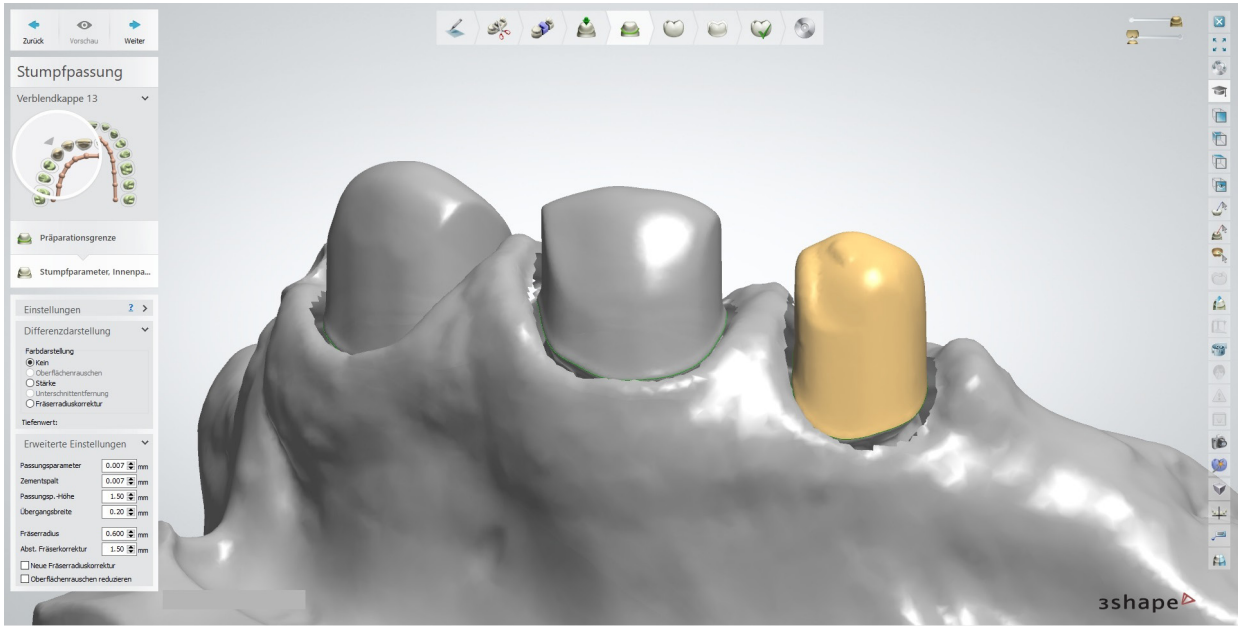


Secondary telescopics HYBRID production

Design

Parameter recommendations

These serve as a rough guide - optimum settings depend on the workflow and the initial situation.



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from technician to technician

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