



CUSTOMER REFERENCE

Dental model made from NECURON® 1007

Customer:	Die Modellmacher oHG, Sarstedt, Germany
Products used:	NECURON® 1007
Branch:	Dental technology
Application:	Milling of dental casts and calibration of milling machines in laboratory

1. ISSUE

Until now it is usual at the dentist that he makes a dental cast of the denture if a tooth crown has to be implemented.

The tooth will be sanded before dental casting. In the dental laboratory the dental cast will be filled with gypsum to create a positive cast model in which the crown will be filled.

2. SOLUTIONS / RESULTS

A faster procedure is the direct scanning of the set of teeth by means of a laser. These created data will be sent to the laboratory which will mill directly the set of teeth by means of a 5 axle milling machine into our NECURON® 1007.

The company Modellmacher in Sarstedt / Germany is buying our NECURON® 1007 plates, which will be sent to another fabricator. Over here the plates will be turned to cylindric pieces and afterwards cut to small washers. These washers are used for the milling process of the dental impression.

The diameter of the cylindric parts are 98,5 mm and have a thickness between 18 and 24 mm.

The cylindric parts are also used for the calibration of the milling machines in the dental laboratories.

APPLICATION IMAGES

