



1. Detection of knots and bark in wooden stakes

Wooden stakes should be produced free of knots and bark. At this color sensors type **SPECTRO-3-50-FCL** are used for detection. The sensors are arranged around the stakes (e.g. at an angle shift of 90° respectively or even 60°) to cover the whole circumference. The distance from the sensor to the wooden surface is approximately 60mm and the detecting area at this distance is around 30mm. As shown in the screen shots, a proper detection of the knots is possible.

