



1. Detection of chatter marks on metal bands

Defects inside bimetallic bands will be marked with chatter marks. These chatter marks should be detected during the further processing. For this purpose a double contrast sensor type **SPECTRO-2-FIO-(VIS/VIS)/(VIS/VIS)** in connection with an optical fiber type **R-S-A3.0-2x(3x1)-1200-Y-67°-2P/2P** and an optical front end type **KL-M18-A3.0** will be used. The distance from the optical front end to the metallic surface is approximately 20mm and the two rectangular spot sizes have the dimensions each of around 6mm x 2mm. The distance from one spot of the other is around 2mm. The chatter marks can be proper detected as shown in the screen shots.

