



1. Detection of punch marks in aluminum surface

Punch marks in aluminum surface should be detected. For this purpose a color sensor type **SPECTRO-3-FIO-JR** in connection with an optical fiber type **R-S-A2.0-(2.5)-1200-67°** are used. The optical fiber head is directed under an angle of approximately 45° to the vertical axis onto the aluminum surface. The distance from the optical fiber head to the punch mark is around 8mm. The screen shots show, that the punch marks can be proper detected.

