



INSPEKTO
AUTONOMOUS MACHINE VISION

Piston Side - Integrity Check

Inspection Use Case

Application

Check bump and pocket of a piston

Inspection objective and potential defect description

Pistons are used in every combustion engine. Here the S70 inspects for the integrity of the piston's bump and for scratches in the side of the piston's pocket.

Permitted defects

Texture changes.

Production Environment

Line handling method

Robotic arm

Inspection triggering method

Automatic

PLC type and protocol

Profinet

Production speed

40 ppm



Part Description

Name

Piston Bump

Materials

Metal

Production process

Forging

Industry

Automotive

Using INSPEKTO S70

