



INSPEKTO
AUTONOMOUS MACHINE VISION

Piston Crown - Damages Check

Inspection Use Case

Application

Check top surface (crown) of a piston

Inspection objective and potential defect description

Pistons are used in every combustion engine. The S70 checks for dents and scratches that are caused in the production process.

Permitted defects

Texture changes, water stains

Special inspection challenges

Different surfaces reflect light in different ways and some areas are dark, which makes it hard to see the defects there.

Production Environment

Line handling method

Conveyor belt

Inspection triggering method

Automatic

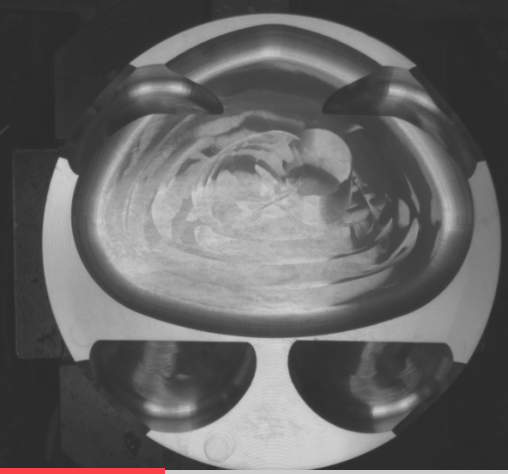
PLC type and protocol

Profinet

Production speed

60 ppm

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Part Description

Name

Piston Crown

Materials

Metal

Production process

Forging/CNC

Industry

Automotive

Using INSPEKTO S70

