![fastCHECK logo]

Fastener inspection with real-time visual feedback

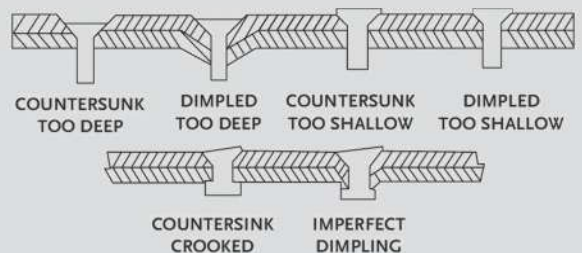**High-precision 3D fastener inspection was never so easy!**

What Is It?

fastCHECK is a revolutionary 3D surface inspection system that is amazingly easy to use – fast, simple and intuitive. It represents a ground-breaking approach to measuring fastener flushness – quickly, consistently and objectively.

What Does It Do?

fastCHECK delivers high-accuracy 3D measurement and analysis of fastener flushness and angle, at the push of a button! Real-time visualization of results is achieved by patent-pending augmented reality, which presents the measurement results directly on to the measurement surface. The measurement surface becomes your screen!

Specifically tailored to the requirements of fastener and rivet inspection, fastCHECK delivers easy-to-understand analysis of fastener flushness. Designed to be a fully self-contained unit, fastCHECK is completely tetherless – no external computer, no external monitor and no cumbersome power-supply cables. fastCHECK is the first in a family of truly portable, yet powerful, measurement analysis tools from 8tree.

COUNTERSUNK TOO DEEP   DIMPLED TOO DEEP   COUNTERSUNK TOO SHALLOW   DIMPLED TOO SHALLOW

COUNTERSINK CROOKED   IMPERFECT DIMPLING

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fastCHECK

Fastener flushness inspection with real-time visual feedback

How Does It Do It?

Specification	Performance
Field of View	18cm x 24cm (7" x 10") – adjustable
Acquisition Time	Adjustable, minimum 100 ms
Resolution	5 µm (0.0002")
Accuracy	25 µm (0.001")
Rivet & Fastener Inspection capabilities	
• Measurement speed	<2 s
• Coverage	Approx. 30 fasteners at once
Battery Life	Up to 4.5 hours (usable while recharging)
Remote controlled	built-in basic radio remote and optional hand gesture recognition
Weight	< 3.5kg (7.7 lbs) - with integrated CPU and battery
Dimensions	35.4cm x 30.0cm x 9.0cm (13.9" x 30.0" x 3.6")

How flush are you fasteners?
See results right on the part!

fastCHECK optically measures and marks up to 30 fasteners in less than two seconds

So…What's The Big Deal?

fastCHECK sets a new industry benchmark for:

- ✓ Speed: 10x faster than current industry standard

- ✓ Portability: Lightweight, compact, battery-powered, integrated CPU.
  Easy to handle on the production floor

- ✓ Ease of Use: Real-time visual feedback and intuitive user interface

- ✓ Flexibility: Easily customized to different tolerance needs
  Measurement results recorded in different formats
  Scalable architecture enables new product configurations

Tell me more!
Inquiries: info@8-tree.com

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revealing more dimensions