

# Kenyeri Consulting, LLC

## Mechanical Engineering Solutions

### Kenyeri Consulting LLC

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## KC can make Engineering Solutions work for you.

KC is an engineering consulting company that provides customers with solutions in the fields of manufacturing, mechanics and metallurgy. The broad range of applications in these fields are separated into three divisions at KC:

### Mechanical Design & Development

#### Design

- Machine Design
- Automation
- Progressive/Compound Die

#### Analysis

- 2-D Finite Element Analysis
- Reverse Engineering

#### Manufacturing Optimization

- Part Quality & Production Rates
- Minimize Scrap
- Life of tool

### Engineering Software Solutions

#### SPC/Data Collection

- Design and Manufacture of custom solutions.

#### Machine Control

#### Automated Inspection

- Optical
- Direct Contact

#### Platforms

- Windows NT
- Linux
- Mac OSX

#### Languages

- C/C++/Object-C
- Java
- Application Scripting Languages

## ...Give us a call to solve your Mechanical Engineering Needs!

### Manufacturing Capacity

KCC has forged ties with several local tooling companies giving us considerable manufacturing capacity, including: wire & conventional EDM, jig grinding, jig boring, milling, turning, surface grinding, and production stamping.

**Engineer Ron Kenyeri** has a Professional Master of Science/PhD in progress in Mechanical, Materials & Aerospace Engineering from the Illinois Institute of Technology, a Master of Science in Mechanical Engineering from Wayne State University in Detroit, and a Bachelor of Science in Biomedical Engineering from the University of Illinois at Chicago. He has over 10 years of experience in the areas of engineering research, computer programming, finite element modeling, and CNC machining.

### Check out these Selected Publications:

R. L. Kenyeri and R. P. Foley, "**Effects of Prior Microstructure on Hardness and Shape Variability in 1018 and 4340 Steel Jominy Bars,**" Proceeding of the Jerome B. Cohen Symposium on Residual Stress, held 11 – 14 October 2000 in St. Louis, MO, ASM International, Materials park, OH 2001.

R. L. Kenyeri and M. Grimm, "**The Collection of Material Properties of Vertebral Bone in Three Dimensions,**" Advances in Bioengineering, 1996 ASME International Mechanical Engineering Congress and Exposition, held November 17 – 22, 1996 in Atlanta, GA, ASME United Engineering Center, NY 60017.