



Manufacturers of Power Transmission
and Motion Control Products

Precise. Reliable. Trusted.

American Engineered * American Made

PROVIDING CUSTOMER SOLUTIONS FOR OVER 50 YEARS



Customer Situation -

Improved Concentricity and Positional Accuracy

KMC Systems Inc.

KMC Systems Inc., a designer of precision automated medical instruments, was having trouble with a pulley-to-shaft connection within an automated analyzer. Positional accuracy is extremely important in this application, but loosening set screws and other connection methods proved unreliable, and constant rework and repairs were difficult and costly.

Custom Machine & Tool Company Solution -

After deciding that a better connection system was needed, the designers discovered the Concentric Maxi Torque system. By integrating the CMT® connection system, they were able to improve concentricity, which in turn, improved positional accuracy. The CMT® system also eliminated the need for flats on the mating shaft, providing a more cost effective AND reliable solution.



[Call 800-355-5949](tel:800-355-5949) or email for your [Stock Product Catalog](#)



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|  <p>Concentric Maxi Torque Keyless Hub-to-Shaft Connection Systems</p> |  <p>Custom Synchronous Drives Cost Effective, Reliable.</p> |  <p>Timing Pulley Stock Guaranteed When You Need It.™</p> |
| <p>Manufacturers of Power Transmission and Motion Control Components Precise. Reliable. Trusted.</p> | | |

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