



Precise. Reliable. Trusted

American Engineered <sup>®</sup> American Made

PROVIDING CUSTOMER SOLUTIONS FOR OVER 50 YEARS



### NEW Stock Product Catalog Concentric Maxi Torque System

SUPERIOR CONCENTRICITY AND FLEXIBLE POSITIONING

12 SIZES COVER BORES: .125 in. (3mm) to 1.1875 in. (30mm)

OUTPERFORMS SET SCREWS, KEYWAYS, CLAMP COLLARS, etc.

PERFECT FOR TIMING PULLEYS, GEARS, SPROCKETS and more ...

**ORDER TODAY - SHIPS TODAY**

Call 800-355-5242 \* 781-924-1003 or email [CMT](mailto:CMT) for your Stock Product Catalog Today!

#### Why Did Custom Machine & Tool Company Develop the CMT Bushing System?

Engineers at Custom Machine & Tool Company found that fasteners used to connect components to high-speed shafts had to have low inertia and low vibrations. They also knew that component alignment, accuracy, holding ability, and run out became more critical at higher speeds. There was not a compact bushing for shafts less than an inch in diameter that could handle all these tasks. So they decided to design and build one - a keyless tapered bushing, hub-to-shaft connection system. The result, the Concentric Maxi Torque bushing.

#### Concentric Maxi Torque Bushing System vs. Other Shaft Connection Systems

Other Systems	CMT <sup>®</sup> Bushing System Benefits
Set Screws	Higher torque capacity, lower component run out, better alignment, no shaft distortion
Keyways	No movement under reversing conditions, maintains both axial and rotational position, allows for phase control during assembly, increased shaft contact lower run out
Pins	Higher torque capacity, lower component run out, phase control during assembly, easier assembly and disassembly, reusable
Clamp Collars	Less space required, lower inertia, 360° uniform clamping pressure, lower cost, eliminates component wobble. Multiple bore sizes per component
Other Attachment Systems	Less space required, lower inertia, lower cost, smaller outside diameter for minimum component size with maximum bore

### QuikQuote Request

In addition to the Concentric Maxi Torque Connection System, CMT also provides Custom Synchronous Drives & Timing Pulley Stock

#### Custom Synchronous Drives

- We provide our customers with a full range of timing pulleys, timing belts, timing pulley stock, and timing pulley flanges in aluminum, stainless steel, steel, plastic brass and bronze for both stock and custom applications.

#### Pulley Stock

- 72 hour guaranteed delivery on five pieces or less\*. Matching flanges and belts are also available.

\*Visit [www.cmtco.com](http://www.cmtco.com) for Pulley Stock Program details.