



Joint Production Technology

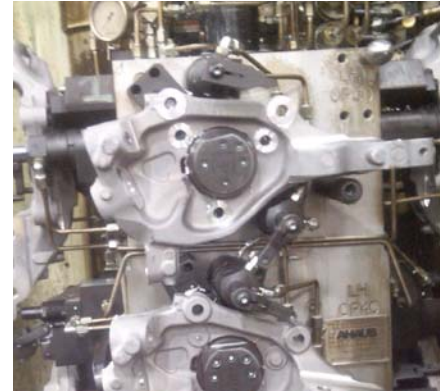
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# Machining Tapered Holes the JPT® Way

Joint Production Technology (JPT) has developed a **CNC Motion Tool Taper Boring System** that does not require a drawbar connection to the Machine Tool.

The **CNC Motion Tool Taper Boring System** can reside on most tool change machines and is shown here with a CAT 50 tool shank on a horizontal machining center.

The **CNC Motion Tool Taper Boring System** allows for machining tapers from the opposite side of the part (See Figure A) eliminating the need for indexing the part which would be required when tapered reamers are used. This feature alone may save you hundreds of thousands of dollars.



View of Steering Knuckles being machined on a Horizontal CNC Machine (HMC).

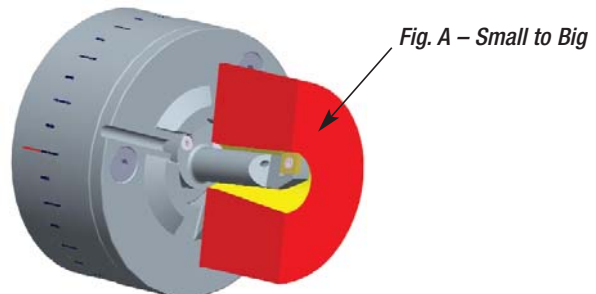


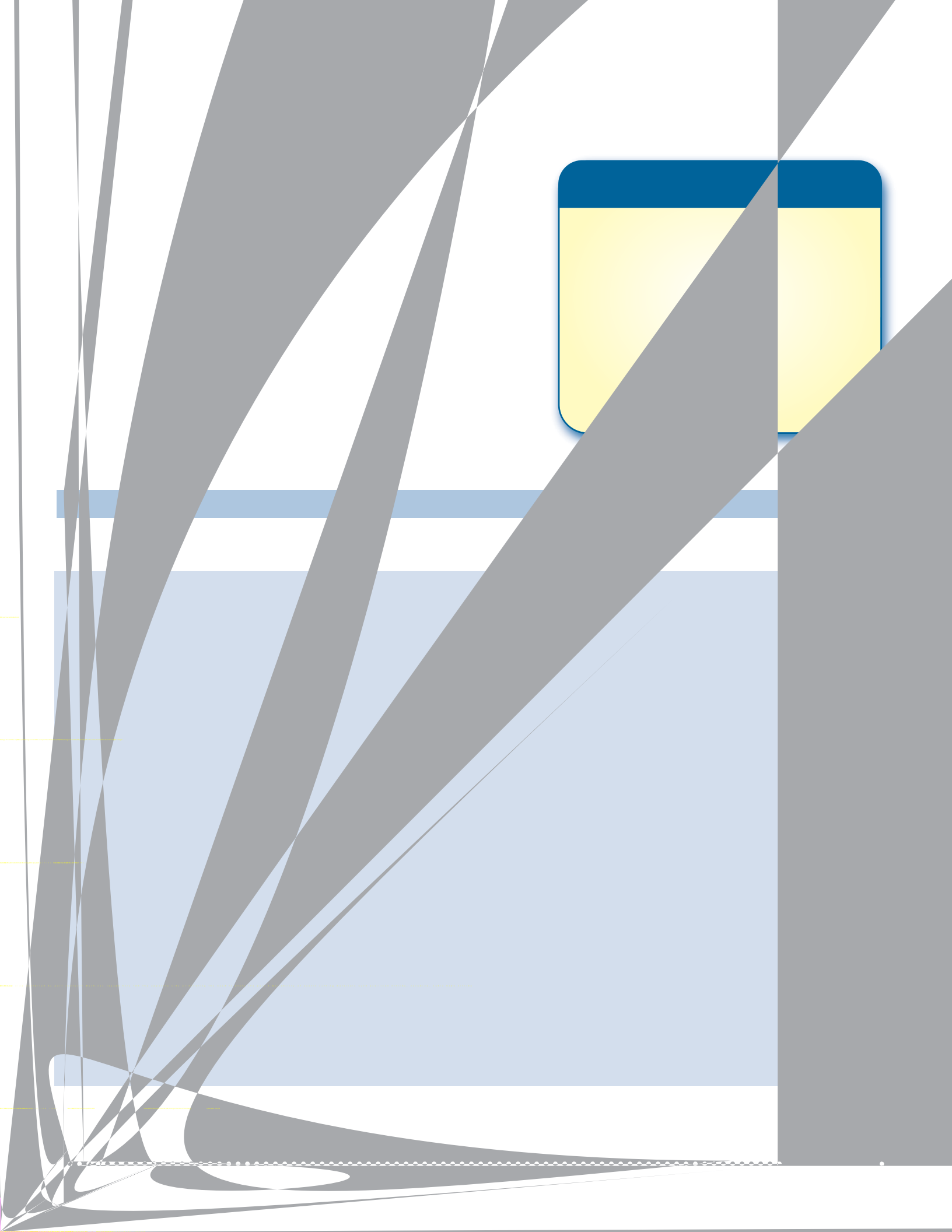
Tapered Hole View  
(Machined from opposite side)



Replaced Non-Conforming Competitor Tool (Above) with the CNC JPT Motion Tool (Below)

JPT replaced a competitor's Taper Bore tooling at this Michigan Customer's request. The appeal was for JPT to help them make their contractual 700 parts a day. The Customer was previously familiar with JPT who developed the original Taper Boring System for their dedicated Dial Machines. The difference being the Dial Machine required the tool to be linked physically to the machine by way of a drawbar connection.





**The JPT® Way**

We are Joint Production Technology, known worldwide as “**JPT**”.

Our name means we Jointly collaborate with you and your Production needs, utilizing "Best Practices" metal-removal tooling, process sequencing and fixture development technologies.

We are NOT a "me-too", non-innovative supplier. Those companies come and go.

We truly desire to be your "partner". When you need answers...you think of **JPT**...because you know that we have the experience to provide creative solutions.

Let **JPT** help you with your CNC Machine Taper Bore project today!

For more information, please contact us:

- Call: 586.786.0080 or Fax: 586.786.0088
- Visit our website: [www.jptonline.com](http://www.jptonline.com)

