



ACHIEVE NEXT LEVEL PRODUCTIVITY

WHY PRODUCE ONE WHEN YOU COULD MAKE TWENTY-ONE?

We have solutions for HMC, VMC, Rotary Indexers and other machine setups. On vertical machining centers we look to maximize available real estate on the machine table. On horizontal machining centers, we build up tombstone fixtures to hold the maximum number of parts in the most optimum position for machining. Short setup times are made possible through specialize quick-change workholding and have a multiplying effect on time savings – up to 90% reduction.

UNIQUE QUICK-CHANGE SOLUTIONS ENGINEERED FOR PRODUCTIVITY+

On average, three out of every four Jergens custom solutions feature quick-change. Those specialized solutions regularly begin by combining and modifying our many standard products such as Ball-Lock®, QLS, ZPS, Fixture-Pro® and OK-Vise®. With our decades of design, engineering, manufacturing, and application experience, we have a unique and highly capable approach that ensures maximum productivity and quality with the focus of helping the customer:



- Achieve lowest cost per part
- Reduce change-over and setup time
- Free up additional capacity
- Ensure quality and tight tolerance
- Increase part machining access
- Shorten cycle time
- Provide fastest Return On Investment (ROI)

A HEAD START TO DEDICATED SOLUTIONS

Like you, we run a tight ship. We are machinists utilizing the same sophisticated CNC machinery that you do, and we have two dedicated facilities to ensure design, engineering, manufacturing, and delivery. We also begin many solutions with years of experience with industry's most innovative quick-change workholding, including:

- Ball-Lock® Mounting Systems
- Fixture-Pro®
- QLS Tooling Columns
- OK-Vise® Low Profile Edge Clamps
- Zero Point System (ZPS)



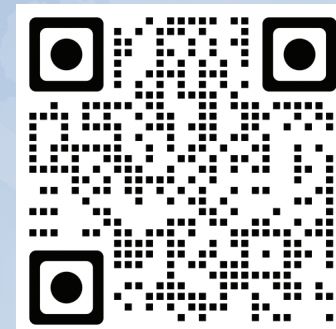
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FIND OUR WORKHOLDING PRODUCTS
AND SUPPORTING INFO ONLINE.



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WORKHOLDING SOLUTIONS



SPECIALTY FASTENERS



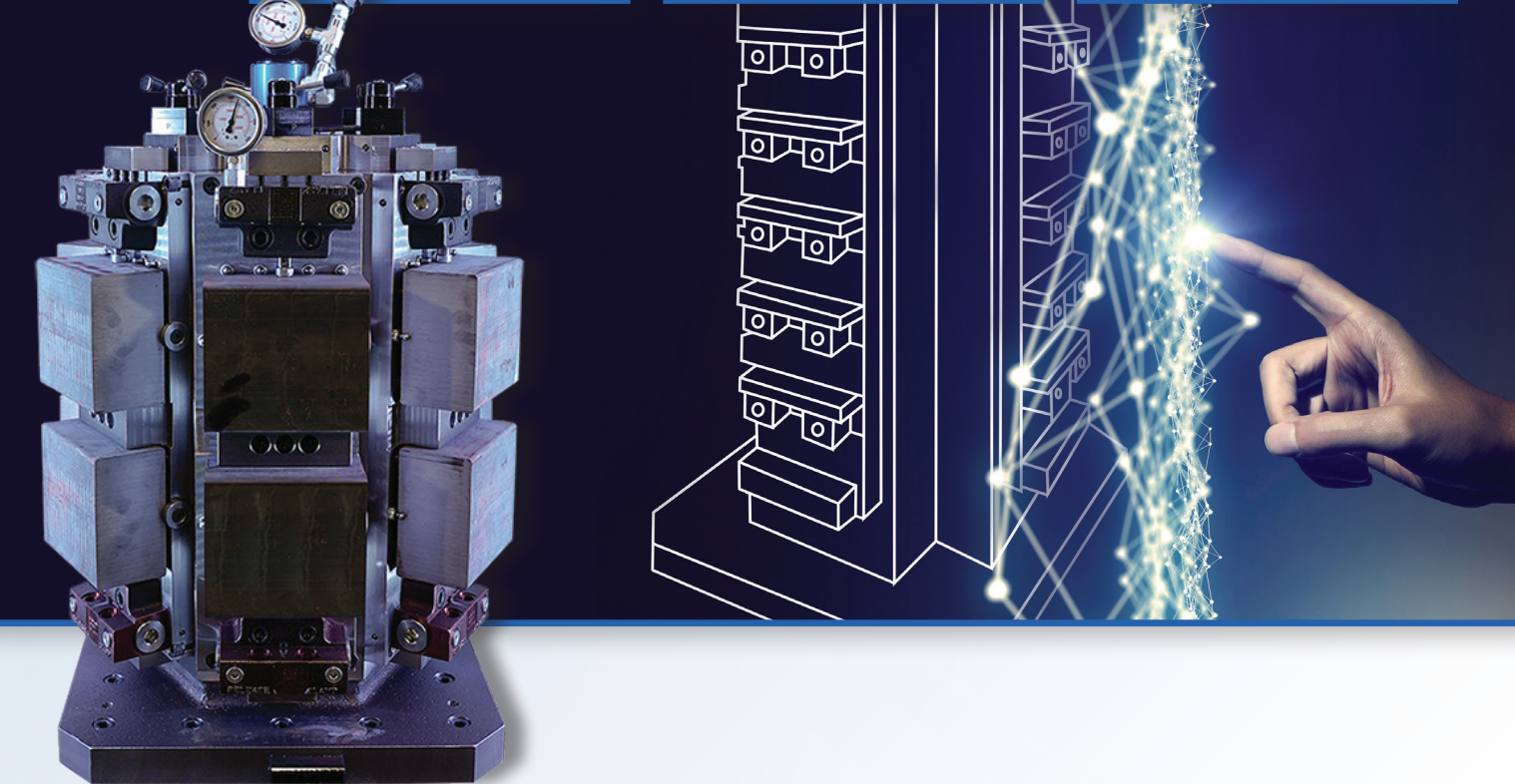
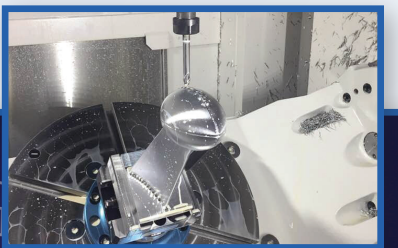
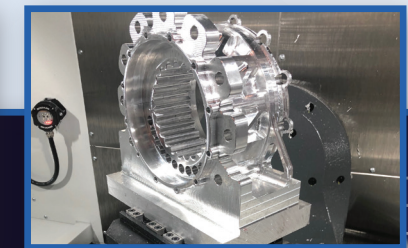
LIFTING SOLUTIONS

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CUSTOM DESIGN AND BUILD WORKHOLDING

QUICK-CHANGE SOLUTIONS FOR MAXIMUM PRODUCTIVITY AND MINIMUM CYCLE TIMES



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MANUFACTURING EFFICIENCY





WHEN AND WHY TO CHOOSE A CUSTOM SOLUTION

More parts produced in the same amount of time is a common interest for pretty much everyone in manufacturing. Often that is a result of important customers applying pressure in order to meet their increasing demands. Meeting the increase is dependent primarily upon two things – your installed (machining) equipment base and operator skill level. A full analysis takes those two factors into account, then Jergens adds the production run size into the mix to help determine the best way forward and the fastest ROI.

DEDICATED WORKHOLDING DESIGNED AROUND THE NEEDS OF THE PART

From there, Jergens custom solutions are designed based on what the part presents and focuses on optimal machining, usually for as many pieces as possible that can be held simultaneously within the machining envelope. Key targets include:

- Greatest Machining Access
- Maximum Number of Fixtured Parts
- Minimum Changeover
- Shortest Cycle Times



HOW WE DO IT: THE TEAM AND THE PROCESS

THE TEAM

Jergens has a structured team to support the process from beginning to completion. The shared expertise ensures that your project has all the attention it deserves. Communication is key to identifying and executing requests to keep within the timeline and budget requirements. From the national sales manager to technical sales, application engineering and customer service, we will be with you every step of the way.

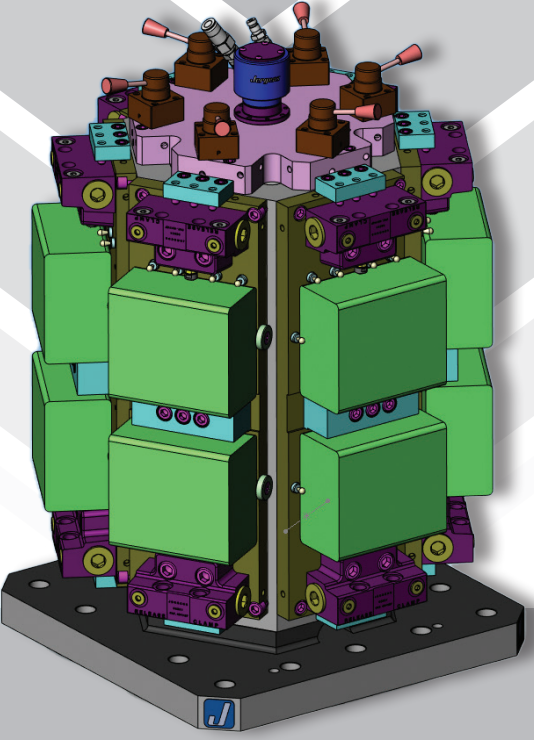
THE PROCESS

We have identified six key milestones that custom workholding solutions go through. We offer these to share expectations and to help our customers plan for production and upcoming changes. All our custom solutions are a result of the collaboration with you. Your input on issues such as part configuration, material, tolerance requirement, and machining is the basis on which we build your solution. It all begins with a need, and then flows through the remaining steps:

STEP 1

The Need for Custom Workholding

- Kickoff call or visit
- Sign a mutual Non-Disclosure Agreement (NDA)



STEP 2

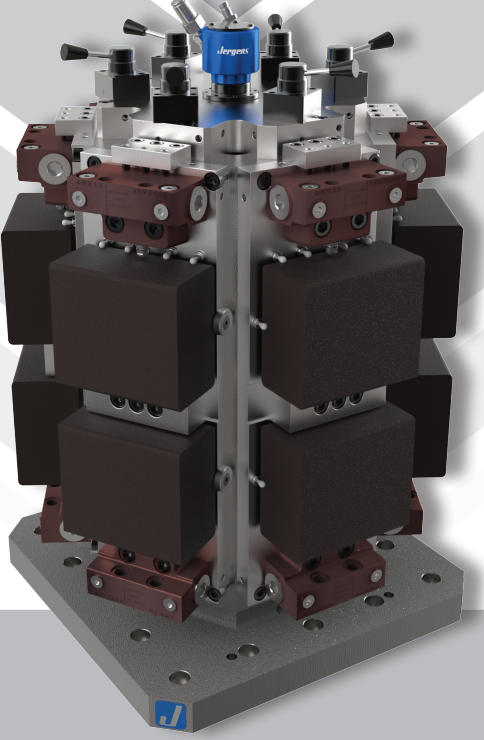
The Concept

- Jergens initiates concept meeting
- Customer quote is prepared and submitted
- Lead-time projection provided

STEP 3

Let's Get Started

- Jergens engages with customer to finalize estimate
- Jergens provides customer with current lead time
- Customer submits purchase order and accompanying order deposit



STEP 4

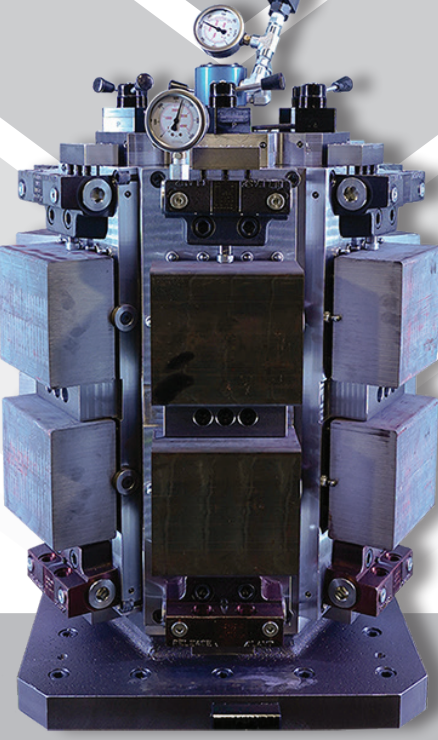
Approval

- Customer signs approval prints to release the order to manufacturing
- Order acknowledgement sent to customer with current lead time

STEP 5

Manufacturing

- Order is released to manufacturing floor
- Jergens orders materials
- Jergens proceeds with machining, assembly, testing and quality control



STEP 6

Delivery

- Partial payment due at time of shipment
- Payment balance on terms
- Jergens follow up ensures successful start

