Phillips Precision, Inc. holds the patent on interlocking fixture systems and spring fixture design services and custom plate orders.

Phillips Precision Designs Custom Fixtures

We're your "manufacturing" laboratory.

While Inspection Arsenal® is a universal system, we can also custom-design the perfect work-holding components for your parts. We design around Loc-N-Load™ quick-swap fixture plates which increases the savings immediately.

- 1-up or multi-part fixtures designed for CMM and vision systems.
- Custom pneumatic fixtures or custom jaws for Rapid Loc™ vises.
- Special marking, barcoding, or part numbers added to fixtures.
- 3D printing of sample parts available.

Send requests to quotes@phillips-precision.com.

---

**Fixture Design Services Policy**

To create the most efficient service to you, we ask that you:

- complete the request form at www.inspectionarsenal.com.
- accompany requests with the prints and electronic files.

We will call you to review the details of the project. Fixture designs will be developed around Inspection Arsenal® products whenever possible. When standard product does not provide the solution, custom clamps and work holding will be designed.

- A design concept fee may be required prior to the start of the project. This will be determined at the time the form and files have been received. If the project is awarded, this up-front fee will be deducted from the final invoice.
- Project scope will be detailed in writing and approvals required throughout the design process.
- A not-to-exceed project cost can be determined to initiate the project purchase order.
- Custom fixture projects are non-refundable.
- Alterations after final approval will be billed out at the current Phillips Precision shop rate.
- Phillips Precision, Inc. reserves the right to use sanitized images and graphical representations of fixture designs in promotional material.

---

**Inspection Arsenal® is the ONLY LEAN fixture system on the market.**

"The Inspection Arsenal® product line eliminates many non-value-added setup steps through their CMM and vision fixture plates and work holding. By "flipping-up" and simplifying the inspection task for repeatable and documented steps, a standard work opportunity has been created to speed inspection and increase the number of parts inspected, even with a less-experienced inspector. Implementation will reduce the downtime of expensive machines on the shop floor — higher spindle utilization increases profits." Dwight Delgado, LEAN Six Sigma Practitioner

**READ FULL ARTICLE ON WEBSITE!**

---

**FIXTURE DESIGN SERVICES AND CUSTOM PLATE ORDERS**

**Fixturing - Simple by Design**

**LEAN TOOLS**

**Modular, magnetically interlocking quick-swap fixture solutions.**

Keep pace with production
Deliver perfect parts to your customers—faster!

- It’s not risky, hard, or expensive to improve your inspection process. Inspection Arsenal®, lean and modular fixturing...
- is easy to install on any equipment.
- speeds inspection, making production faster than ever before.
- is risk-free — if it isn’t what you want, simply return for a full refund.

**OPEN-SIGHT™ IS YOUR CLEAR CHOICE FOR VISION INSPECTION.**

**CHOOSE LOC-N-LOAD™ FOR TRADITIONAL CMMs, OPTICAL COMPARATORS, AND GAGE ARMS.**

---

**Inspection Arsenal®**

Choose from 3 Work Holding Kit Options; See Page 2.

**VIS**

**VIS**

**VIS**

**VIS**

**VIS**

**VIS**

**VIS**

**OPEN-SIGHT™ IS YOUR CLEAR CHOICE FOR VISION INSPECTION.**

Choose from 2 Work Holding Kit Options; See Page 3.

Most popular items listed—see full catalog and website for the complete Inspection Arsenal® product line from Phillips Precision, Inc.
LOC-N-LOAD™ ALUMINUM Individual rails, plates, and specialty plates.

VISED AND SPECIALTY WORK HOLDING CLAMPS

- Rapid-Loc™ Pneumatic Vise
- Modular Tower System
- Vivo-Safe™ 2 Styles

CMMS WORK HOLDING KITS and SETS

- Components in smaller sets and individually upon request.

OPEN-SIGHT™ POLYCARBONATE and plates for Vision.

- See chart and website for additional docking rail and plate sizes (18", 24", 180mm, 540mm and more).

VISION WORK HOLDING KITS

- Two work holding kit options available with 1/4-20 or M6 threads.
- VIS-KIT-01 BASIC KIT comes complete with steel scalloped spring clamps, holders, adjustable, low profile rails and hold down clamps. An acrylic vise platform helps to hold parts out over the viewing surface.
- VIS-KIT-02 ENHANCED KIT comes with a full-access Riser-Grip™, magnetic v-blocks, clear scalloped corner stops, a variety of stand-offs and 2 style hold downs.

STAND-OFF & REST PAD SET

- MAGNETIC RISER SET
- ENHANCED STAND-OFF SET

LEVER CLAMPS w/SWEATS

- Sturdy Lever Clamps, 3 sizes
- Pictured left: Aluminum hold downs with extra holding force and the ability to hold at steep angles if needed. Post and thumb screw included. Available in 3 sizes. Sold individually or in sets of 4, 2 or 12.

VISION Corner Block

- VCB-100M
- 100mm
- 1595
- Allows COMPLETE view of the part on a vision stage.

VIS-KIT-01 BASIC KIT

- Stops, Clamps Hold Downs, V-Blocks, Hold Adjusters

VIS-KIT-02 ENHANCED KIT

- Riser-Grip™, V-Blocks, Hold Downs, Stand-Offs, Clear Corner Block

VI/S-02 Interchangeable cubs can be built vertically and horizontally. Cubes can be turned to any angle and locked securely.

Spider-Clamp™ 1-legged

- Use several of these 3" clamps to hold parts of infinite size and shape.

- Spider-Clamp™ 3-legged

- Hold round parts from 1/8" to 6" in diameter. Delicate parts held without distortion. Great for vision inspections.

See Catalog or Website for more details on these products.