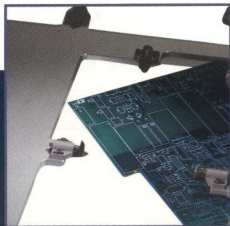


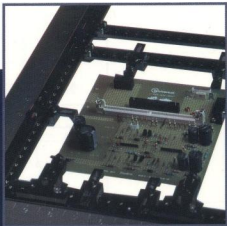
# Workboard Holders



## Dedicated Workboard Holders

Designed for use with Printed Circuit Boards of a specific size.

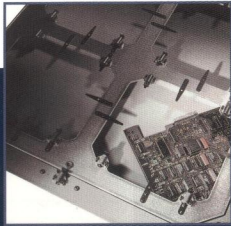
- A perfect solution for large volume applications which require rapid setup and changeover
- Allows several Printed Circuit Boards to be precisely positioned simultaneously
- Tolerances guaranteed to be +/- .001"



## Adjustable Workboard Holder

The EMC Logical series of Adjustable Workboard Holders are made to accommodate various PCB's.

- Ideal for contract manufacturers
- Available with adjustable or dedicated tooling
- Great for short runs and prototypes



## Mother/Daughter

The Mother/Daughter Dedicated Workboard Holder system is a cost-effective alternative for mixed product production.

- Ideal when Printed Circuit Board population is performed by 2 or more types of thru-hole insertion equipment
- Precise Printed Circuit Board location
- Common machine zero/datum travel



## EMC Global Technologies, Inc.

### Corporate Headquarters:

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Doylestown, PA 18902  
Phone: (215) 340-0650  
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[www.emcgti.com](http://www.emcgti.com)

*Designing and Building Tomorrow's Technology Today!*

# Workboard Holder Design Sheet

Date: \_\_\_\_\_

Engineer: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Requested Ship Date: \_\_\_\_\_

## Insertion Equipment Details

Machine Type (Please list all that apply) \_\_\_\_\_

Mfg. & Model Number: \_\_\_\_\_

VCD, DIP or RAD: \_\_\_\_\_

BEC on First Part: Y  N  / Y  N  / Y  N

BEC on Every Part: Y  N  / Y  N  / Y  N

### **Dip Machine(s)**

Clinch Specification-Check Applicable Size

0.300 Wide x Max # Leads

(Check one) 20  24  32  40  Other \_\_\_\_\_

0.600 Wide x Max # Leads

(Check one) 20  24  32  40  Other \_\_\_\_\_

## PCB Specifications

PCB #(s) \_\_\_\_\_

PCB Thickness(es): \_\_\_\_\_

Overhanging components on during insertion? Y  N

Are connectors on during insertion? Y  N

Is there a preferred spring stop nose? Y  N



*Posi-Lock*



*Tapered*



*Round Nose*

Blank # \_\_\_\_\_

Is this fixture part of a mother/daughter system?

Y  N

Is this workboard holder to accommodate multiple PCB's (with common tooling locations)? Y  N

**If yes, please provide EMC with worst case PCB.**

Are tooling hole locations and diameters specified?

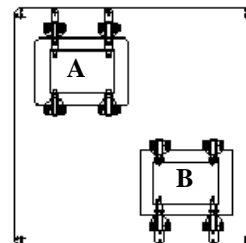
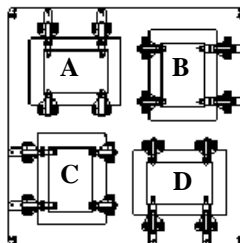
Y  N

**If not, EMC will choose appropriate tooling hole locations.**

## PCB ORIENTATION

(Check One)

Check the boxes to indicate where insertions take place

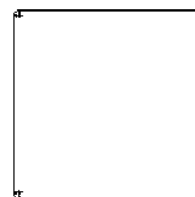
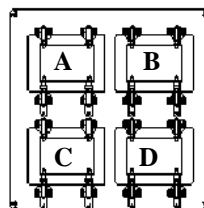


90°

180°

A  B  C  D

A  B



Straight Up

Other   
(Submit Sketch)

A  B  C  D

## Fixture Specifications:

Quantity Desired: \_\_\_\_\_

Number of locations/images: \_\_\_\_\_

If stamping is required, please specify: " \_\_\_\_\_ "

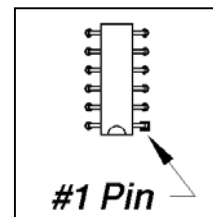
## DIP orientation at insertion:

Pin #1 is:

Away from operator:

Toward operator:

No preference:



## Information Provided:

Gerber files and pcb fab drawing Y  N

Sample pcb and fab drawing Y  N

Sample pcb only Y  N

Reference Job Number: \_\_\_\_\_



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