



*Jergens*  
**BALL LOCK**<sup>®</sup>  
MOUNTING SYSTEM

PRE-ENGINEERED BALL LOCK<sup>®</sup> MOUNTING SYSTEMS  
FOR HURCO MACHINES



**HURCO**<sup>®</sup>

- VMX24i
- VMX30i
- VMX42i
- VMX50i
- VMX60i
- VMX64i
- VMXUi

*Jergens*<sup>®</sup>  
MANUFACTURING EFFICIENCY

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# Ball Lock Selection Guide

## How To Use This Guide

1. Review the “[How the Ball Lock Mounting System Works](#)” section for an overview of the system and components
2. Select a specific machine tool model and sub-plate.
  - a. The opening machine model page includes the machine table specifications used for that machine.
  - b. The following page/pages contain specific sub-plates designed for that machine model and table specifications.
  - c. Each sub-plate page lists the color-coded fixture plates that will fit that sub-plate. Each machine may have one or more sub-plate/fixture plate combinations.
  - d. Use the “fixture plate examples” contained in the guide to help select a fixture plate for typical applications. Fixture plates are color coded to assist in using the example when selecting it for a specific machine.
  - e. Use the check boxes to identify sub-plates to be selected. You can then print these pages for reference when preparing a request for quote or placing an order.
3. Use the “Sub-plate Mounting and Quote Form” to assist in selecting the required sub-plate mounting components.
  - a. This form lists the required mounting hardware for each sub-plate you select.
  - b. You can fill in the number of sub-plates into the form for reference.
  - c. The mounting hardware listed is for one sub-plate. When requesting a quote or ordering more than one sub-plate, the total components required must be increased accordingly.
4. Use the “Fixture Plate and Vise Quote Form” to assist in selecting the required fixture plates and ball lock shanks required for mounting.
  - a. This form lists the ball lock shanks and part number for each subplate selected.

As always, please do not hesitate to contact Jergens Workholding Solutions for engineering assistance.



Multi-Axis Catalog

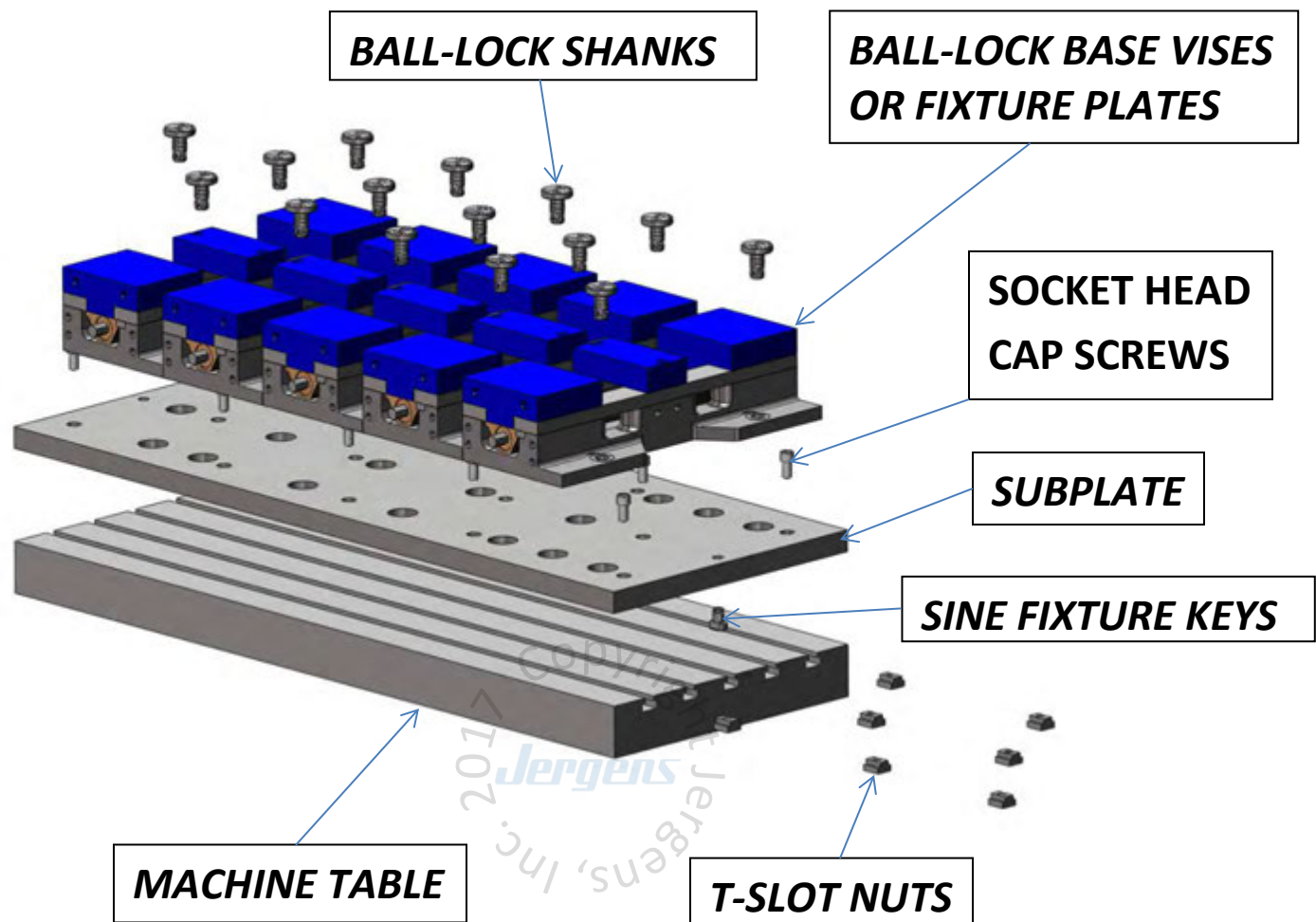


Ball Lock® Brochure



Workholding Solutions  
Catalog

## How the Ball-Lock Mounting System works.



**MACHINE TABLES-** come in various sizes, t-slot sizes, number of t-slots and also drilled & tapped configurations.

**SUBPLATES-** can be made to suit your needs in addressing your manufacturing quick-change requirements.

**SINE FIXTURE KEYS-** are used to align the subplate to a t-slotted table during the installation of the subplate to your machine table.

**T-SLOT NUTS-** are used in the fastening of the subplate to the machine table.

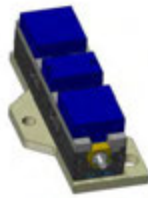
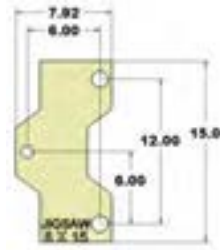
**SOCKET HEAD CAP SCREW'S-** are installed thru the subplate and into the t-slot nuts to lock down the subplate to the machine table.

**BALL-LOCK BASE VISES OR FIXTURE PLATES-** allow you to change out your vises or fixture in minutes within +/- .0005 repeatability versus hours of set-up and indicating in the vise or fixture.

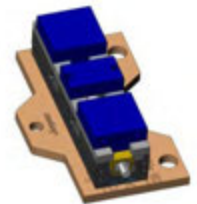
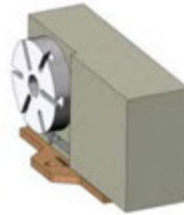
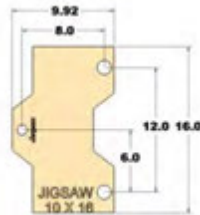
**BALL-LOCK SHANKS-** are used to locate and lock the vises or fixtures to the receiver bushings installed in the subplate with 2-1/2 turns to lock or release with low torque and high clamping forces.

**FIXTURE PLATES** shown below are color coded to assist in determining the various subplate options to best suit your manufacturing quick change requirements.

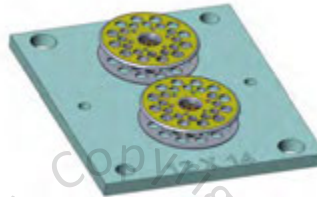
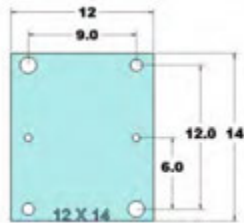
**28705 (ALUM)  
28805 (STEEL)**



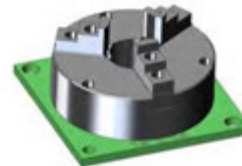
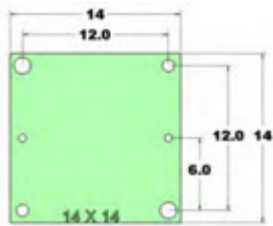
**28706 (ALUM)  
28806 (STEEL)**



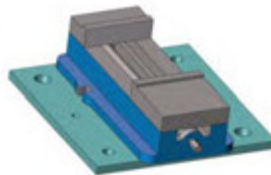
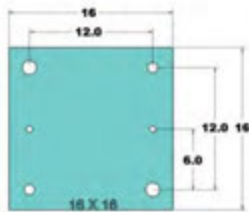
**28711 (ALUM)  
28811 (STEEL)**



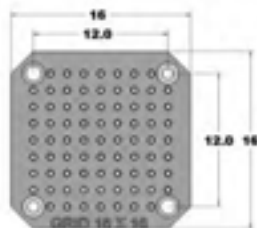
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28813 (STEEL)**



**28715 (ALUM)  
28815 (STEEL)**

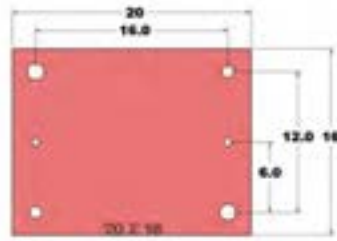


**28801 (STEEL)**

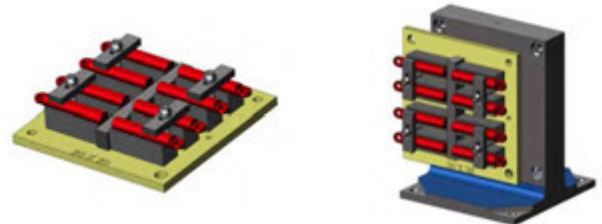
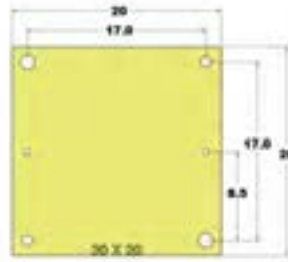


**FIXTURE PLATES** shown below are color coded to assist in determining the various subplate options to best suit your manufacturing quick change requirements.

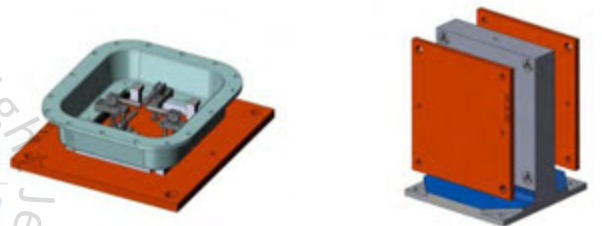
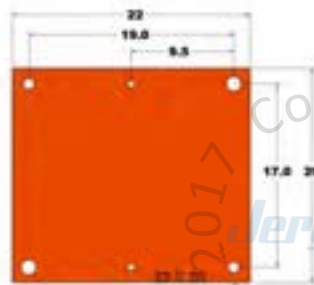
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**28819 (STEEL)**



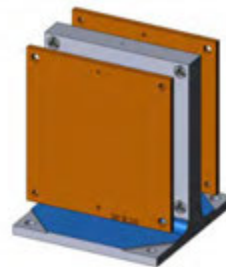
**28727 (ALUM)**  
**28827 (STEEL)**



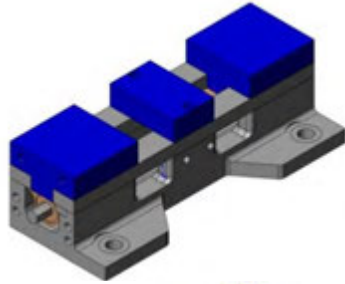
**28745 (ALUM)**  
**28845 (STEEL)**



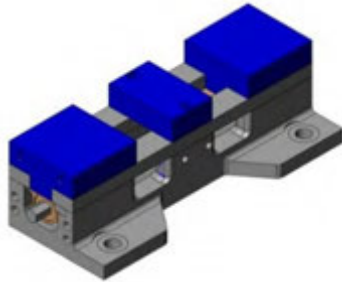
**28746 (ALUM)**  
**28846 (STEEL)**



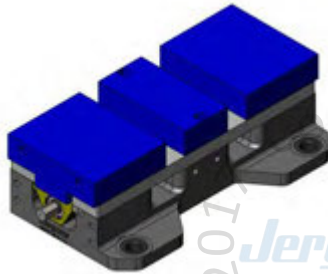
49405 (4" VISE  
BALL-LOCK® BASE)



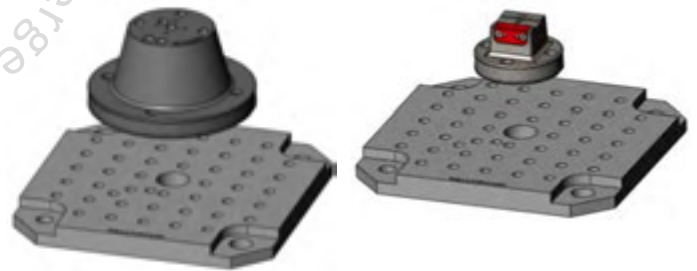
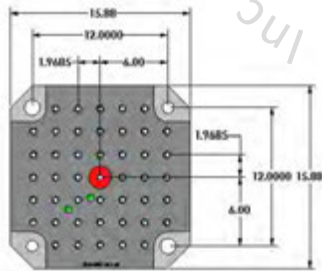
49406 (6" VISE  
BALL-LOCK® BASE)



49496 (6" SHORT VISE  
BALL-LOCK® BASE)



28802 (STEEL)



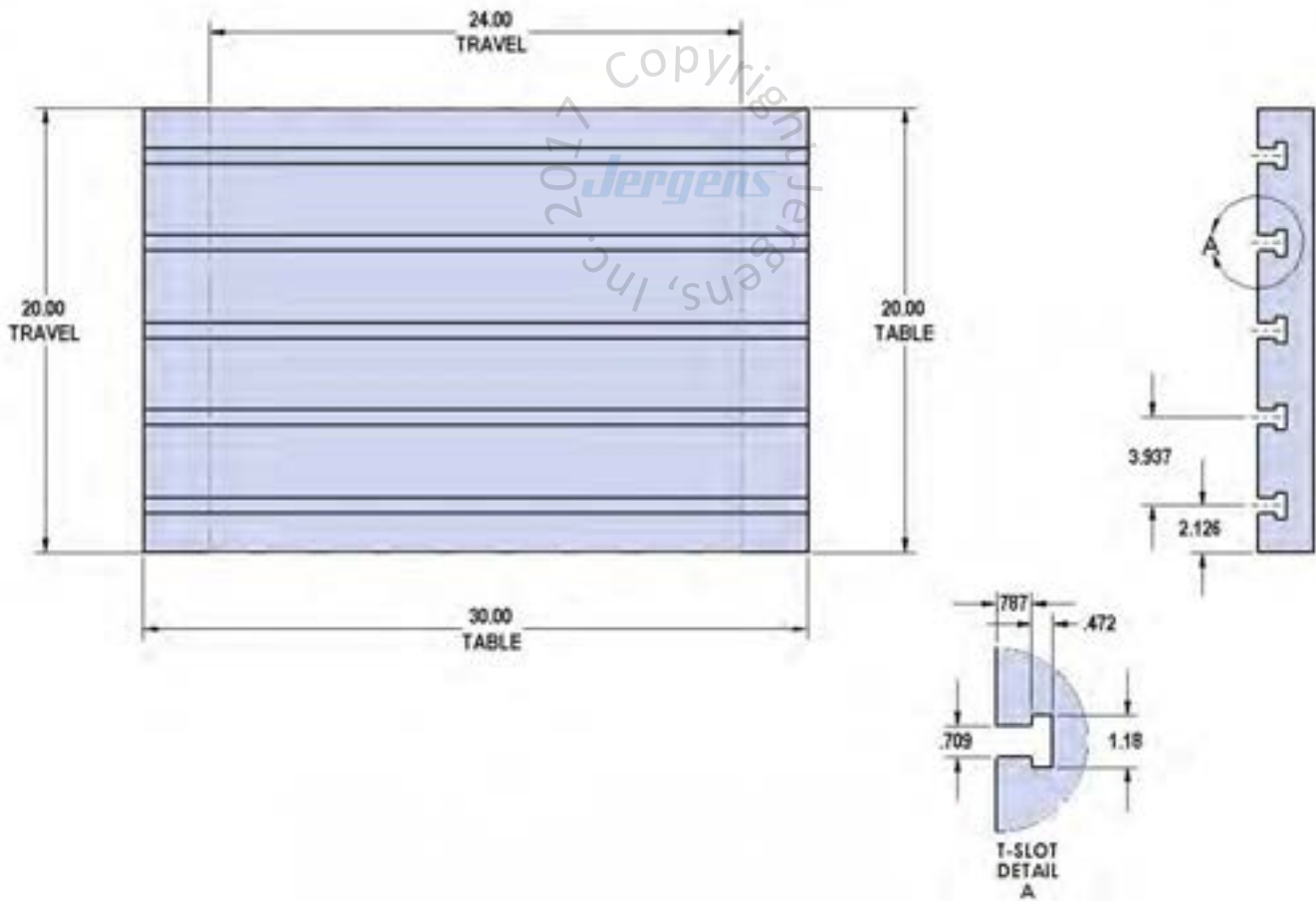
QLS-GRID FIXTURE PLATE (SEE PG 98 FOR MORE DETAIL OPTIONS)

VMX24i



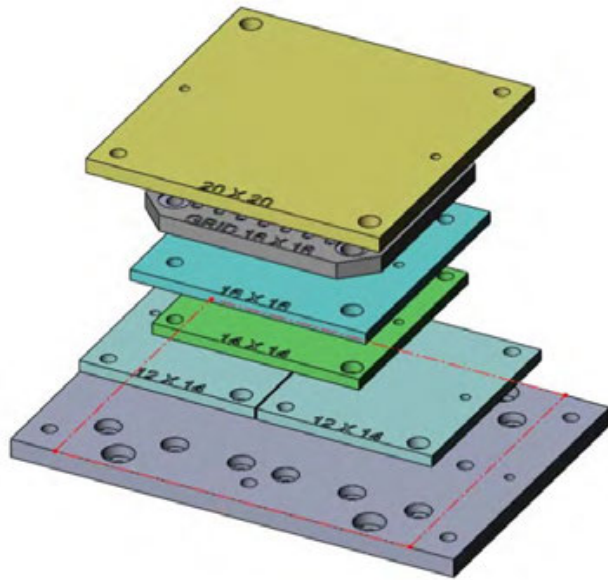
**Table Specifications**

- Table Travel (X, Y, Z): 24" x 20" x 24"
- Table Dimensions (L x W): 30" x 20"
- Maximum Weight on Table: 3000 lbs
- T-Slot Width: .708" (18mm)
- T-Slot Center Distance: 3.937" (100mm)

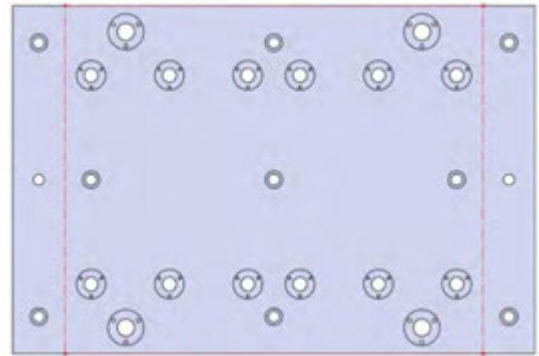




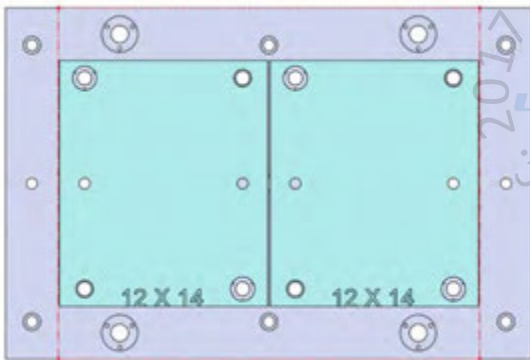
VMX24i-001



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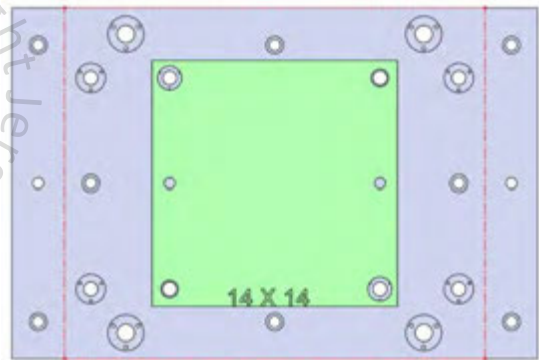


VMX24i-001



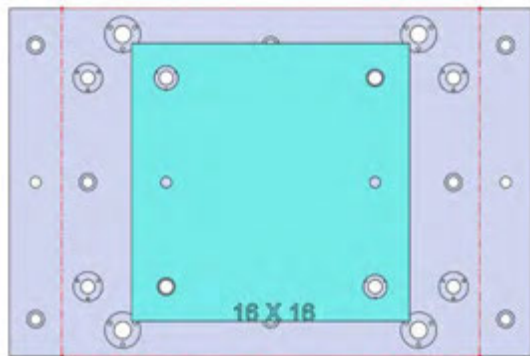
28711 Aluminum

28811 Steel



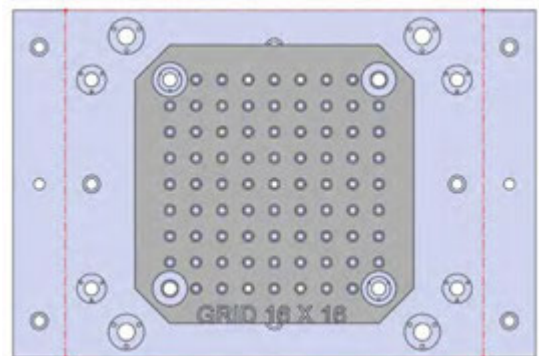
28713 Aluminum

28813 Steel



28715 Aluminum

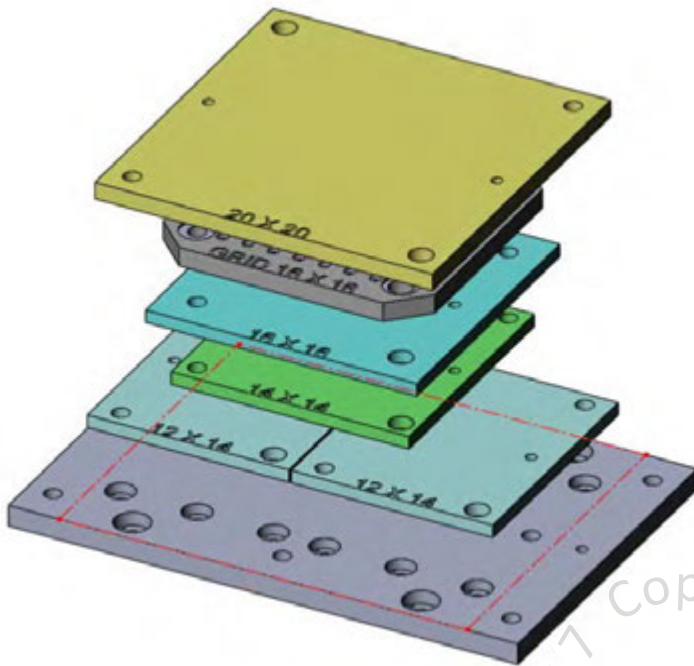
28815 Steel



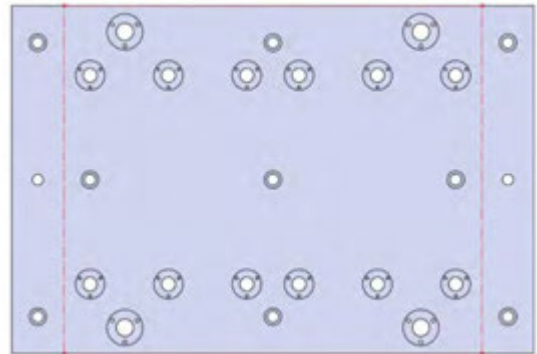
28801 Steel

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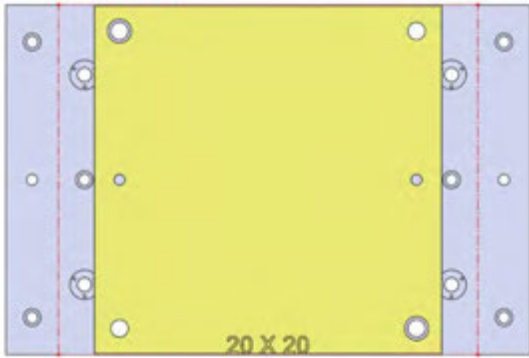


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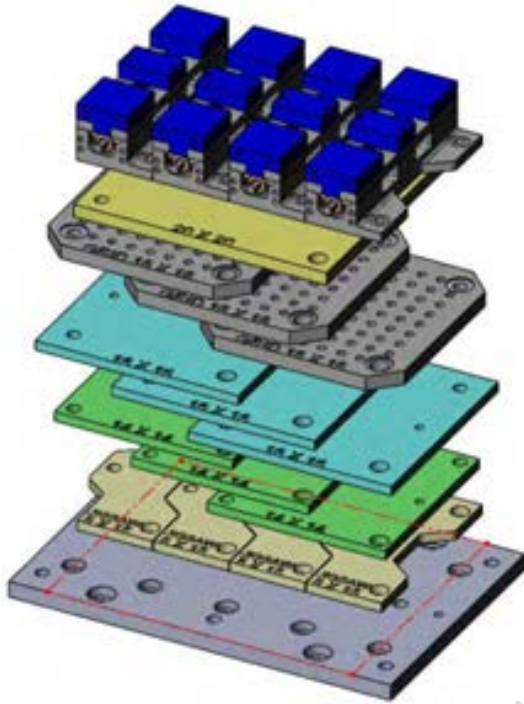
VMX24i-001



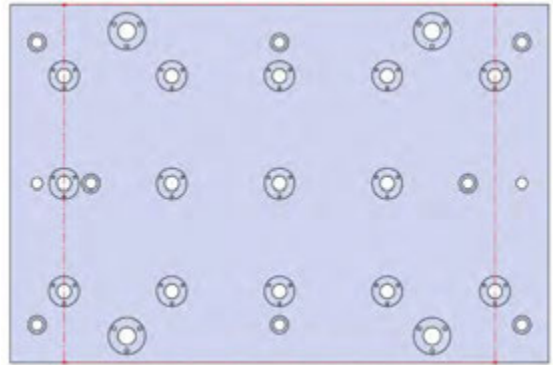
28727 Aluminum

28827 Steel

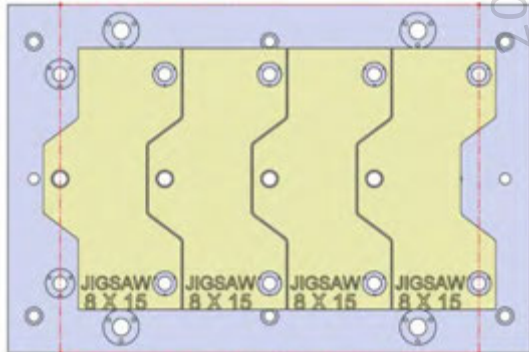
VMX24i-002



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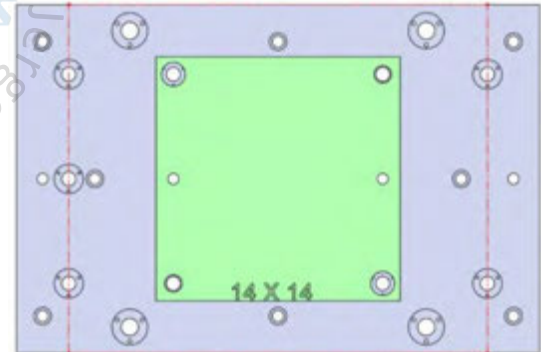


VMX24i-002



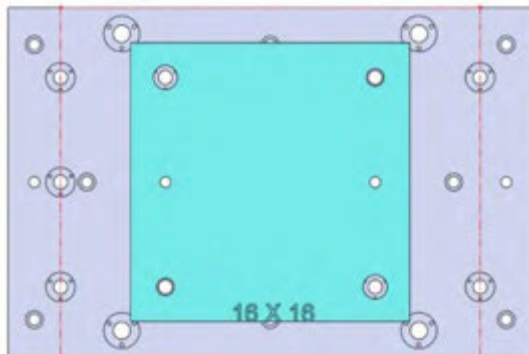
28705 Aluminum

28805 Steel



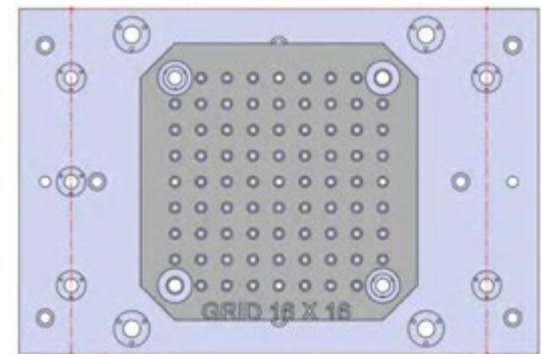
28713 Aluminum

28813 Steel



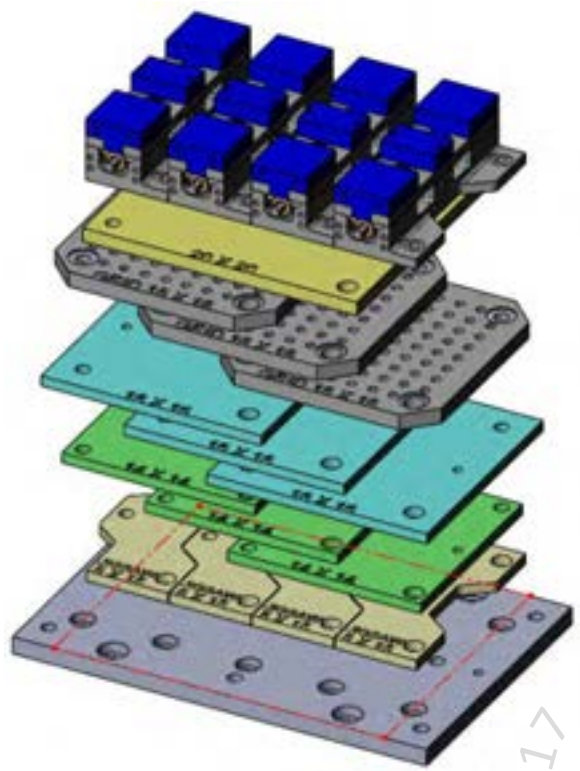
28715 Aluminum

28815 Steel

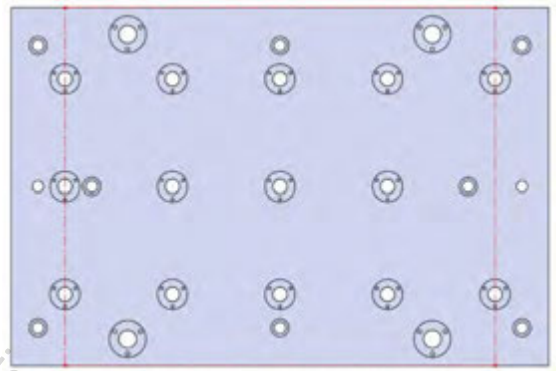


28801 Steel

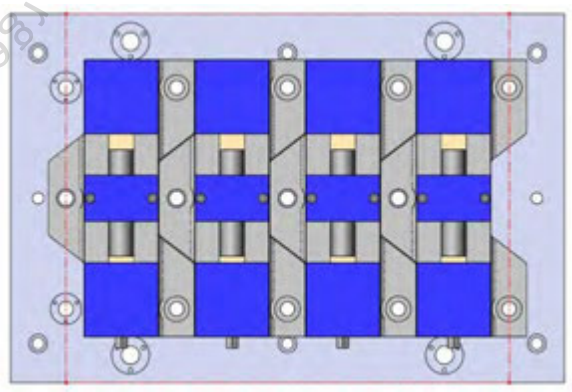
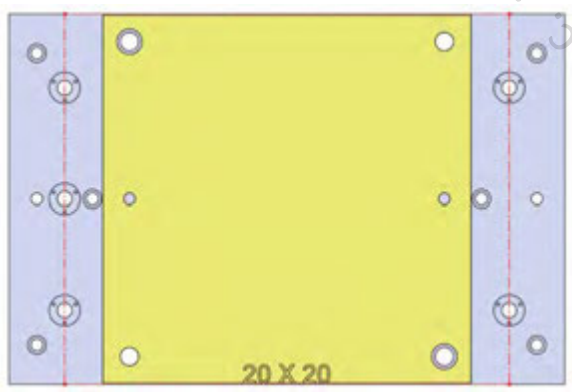
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VMX24i-002



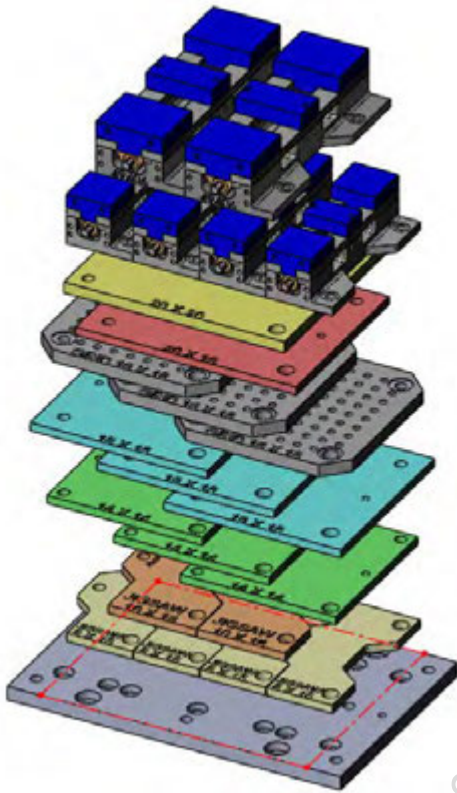
28727 Aluminum

28827 Steel

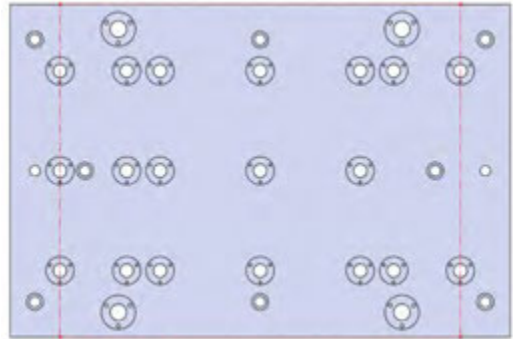
49405 4" Vise Ball-Lock® base

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VMX24i-003

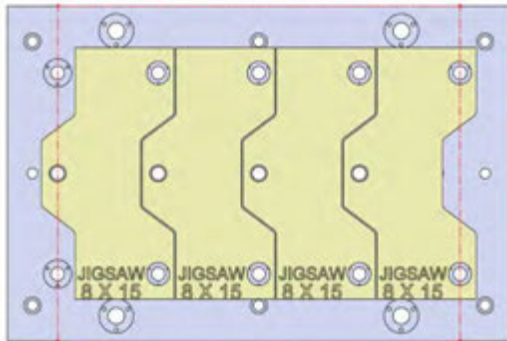


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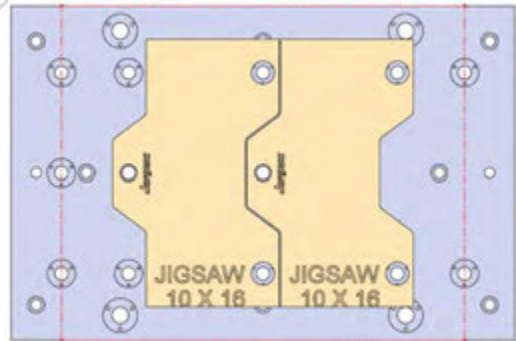


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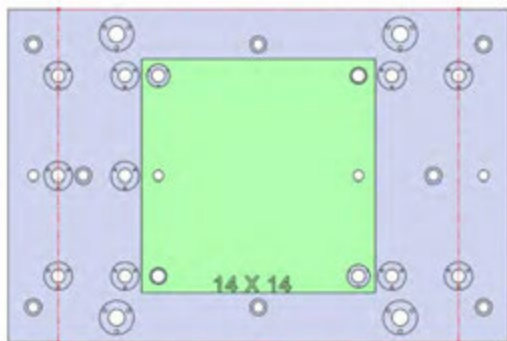
VMX24i-003



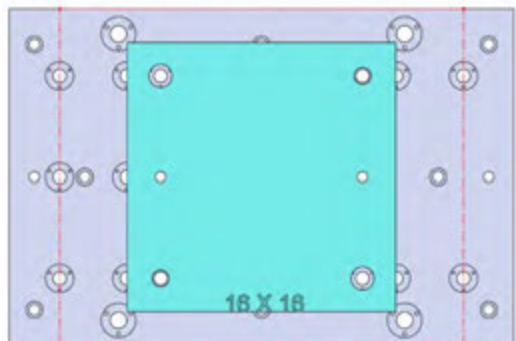
28705 Aluminum      28805 Steel



28706 Aluminum      28806 Steel

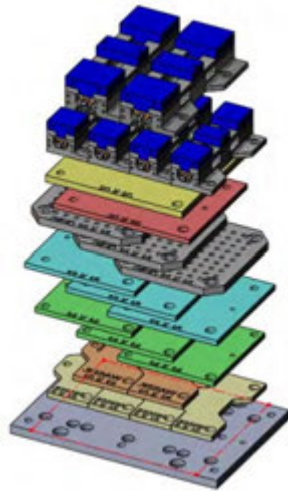


28713 Aluminum      28813 Steel

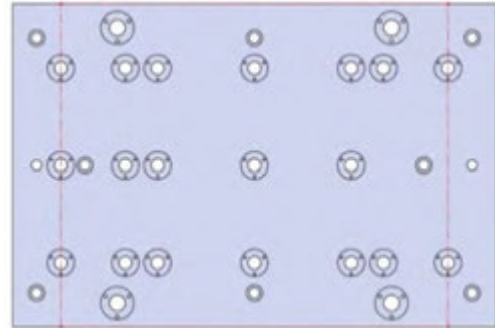


28715 Aluminum      28815 Steel

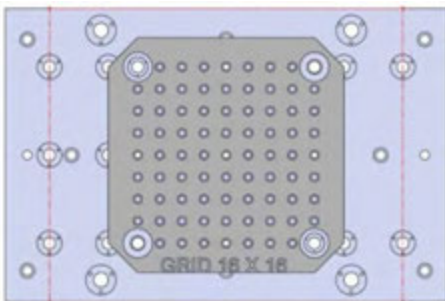
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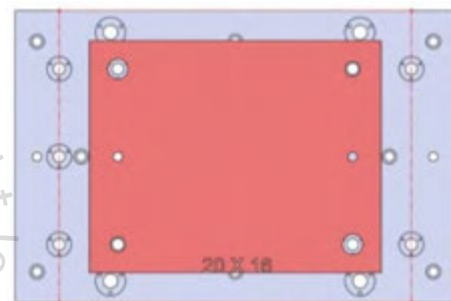
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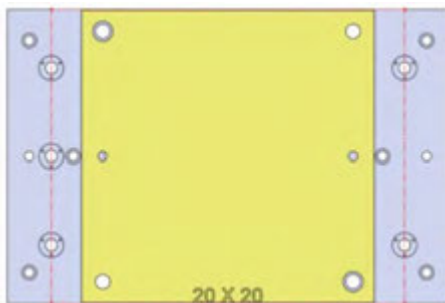


28801 Steel



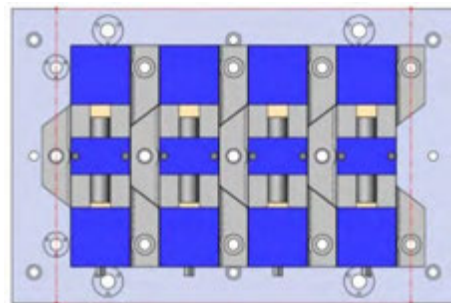
28719 Aluminum

28819 Steel

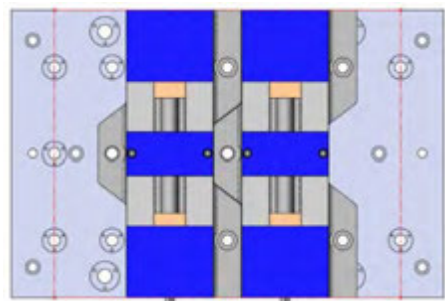


28727 Aluminum

28827 Steel



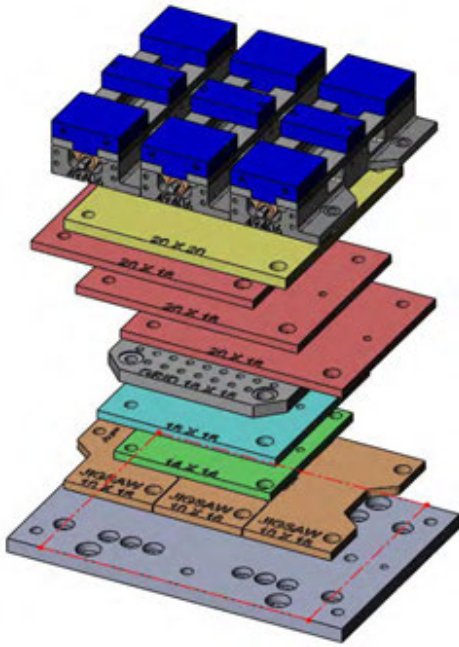
49405 4" Vise Ball-Lock® base



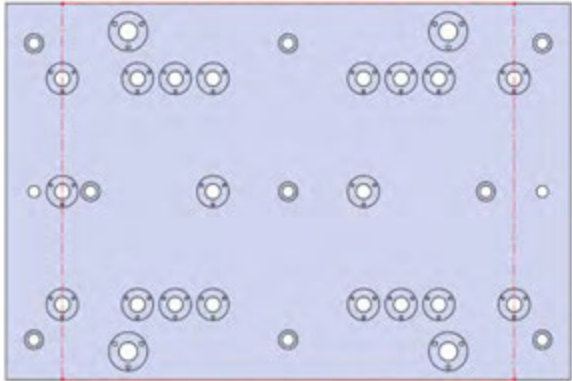
49406 6" Vise Ball-Lock® base

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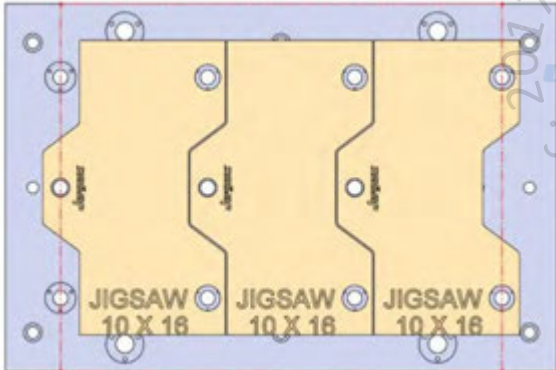
VMX24i-004



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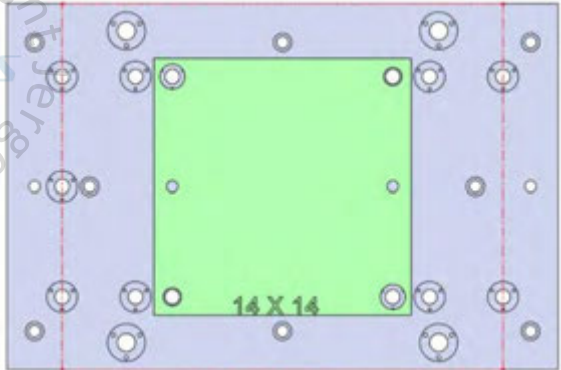


VMX24i-004



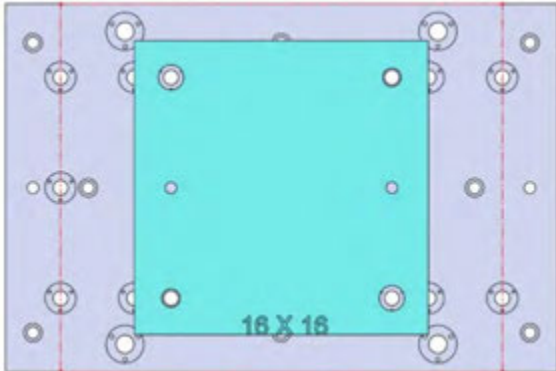
28706 Aluminum

28806 Steel



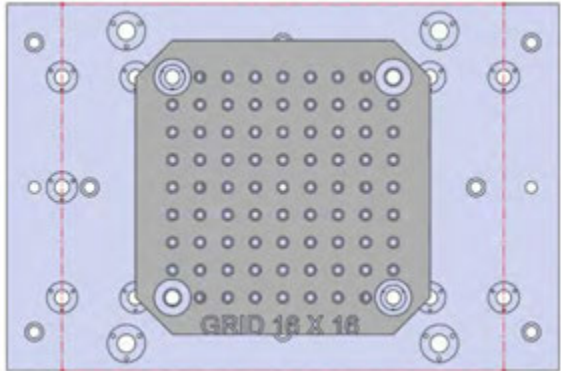
28713 Aluminum

28813 Steel



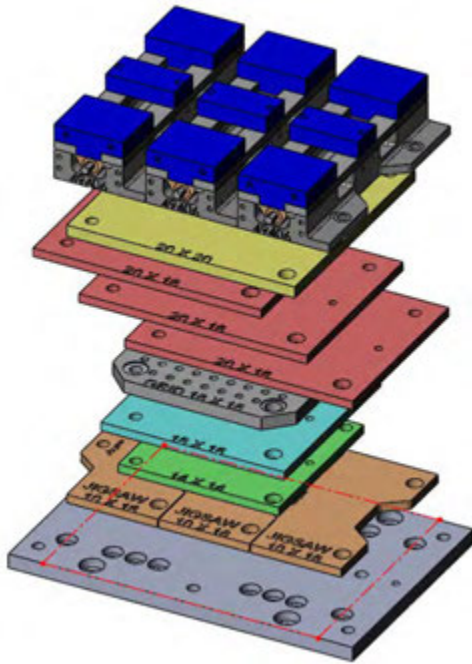
28715 Aluminum

28815 Steel

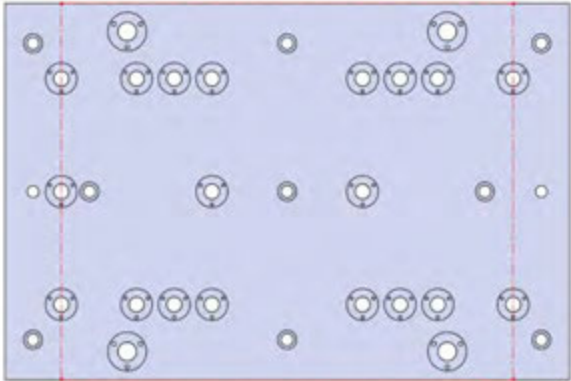


28801 Steel

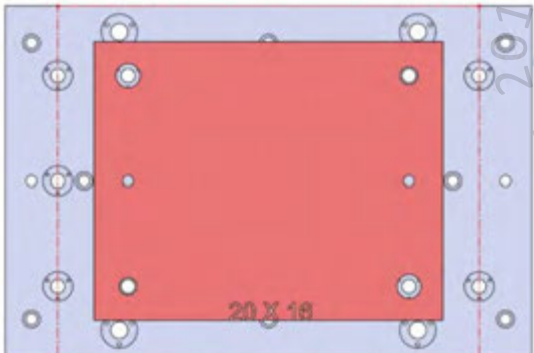
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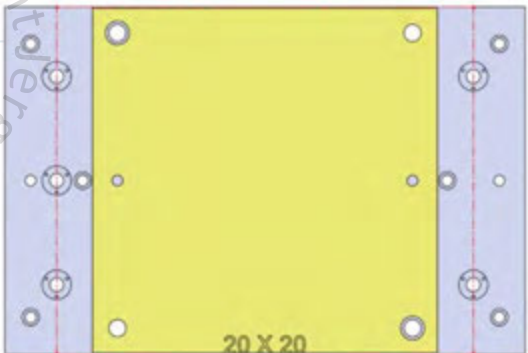


VMX24i-004



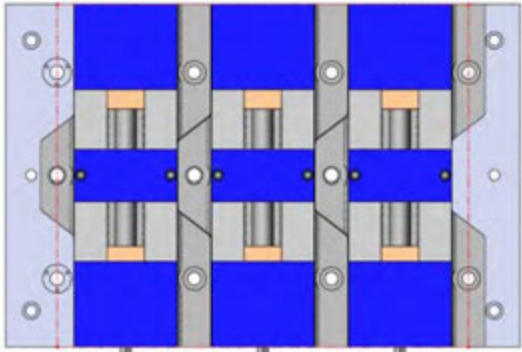
28719 Aluminum

28819 Steel



28727 Aluminum

28827 Steel

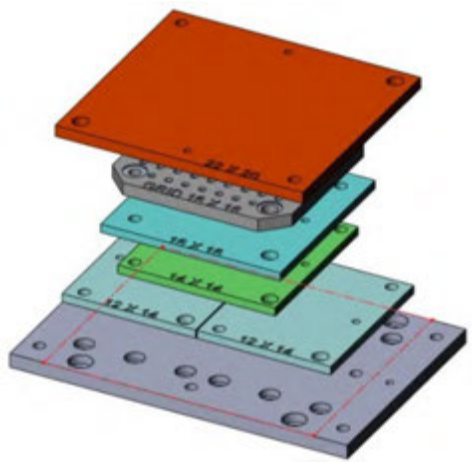


49406 6" Vise Ball-Lock® base

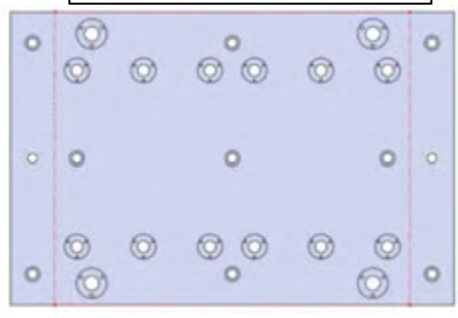
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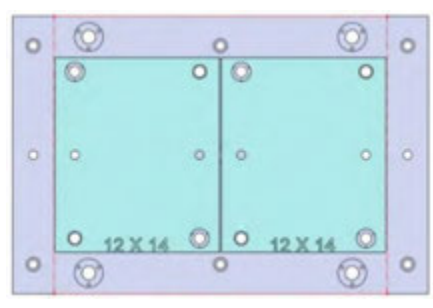
VMX24i-005



**30 X 20 X 1.25**

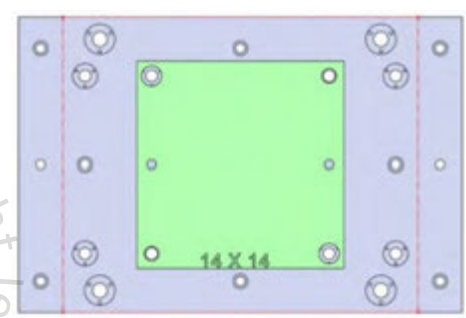


VMX24i-005



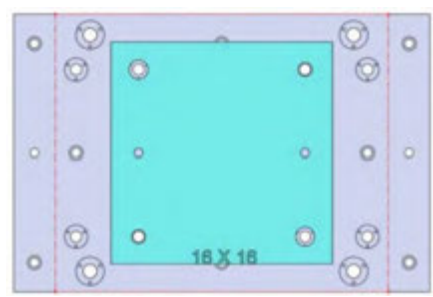
28711 Aluminum

28811 Steel



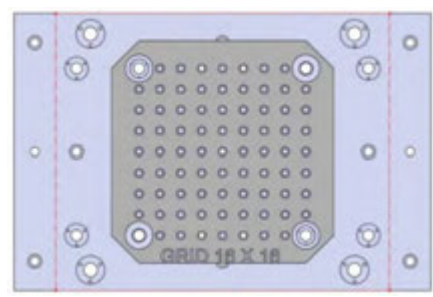
28713 Aluminum

28813 Steel

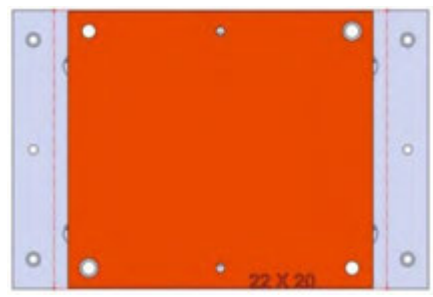


28715 Aluminum

28815 Steel



28801 Steel

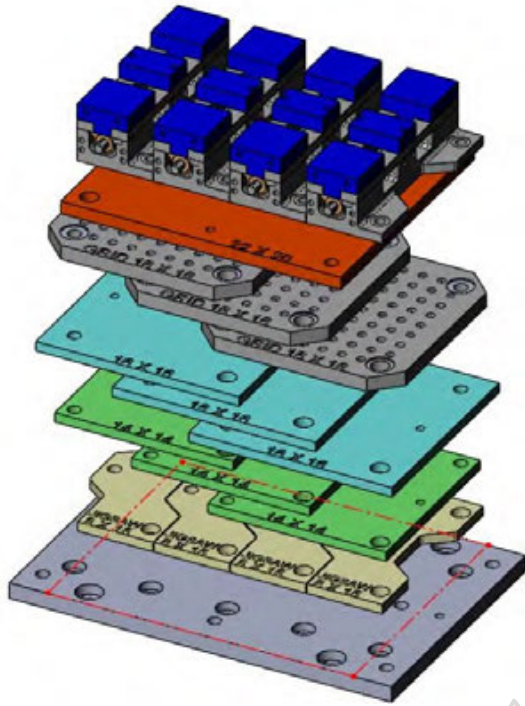


28745 Aluminum

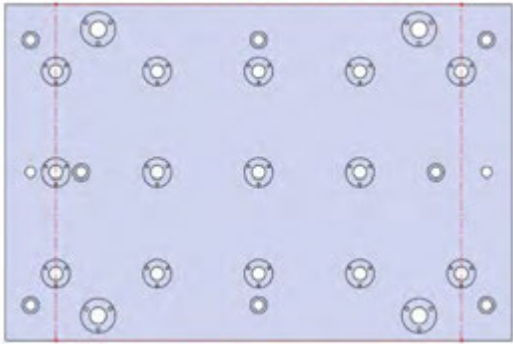
28845 Steel

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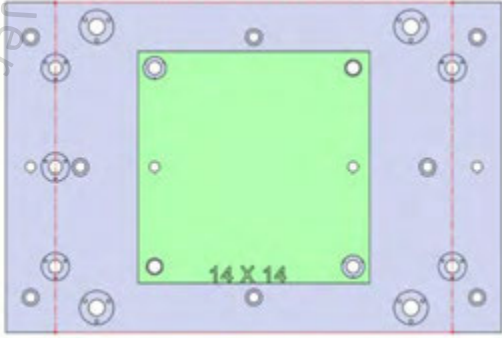
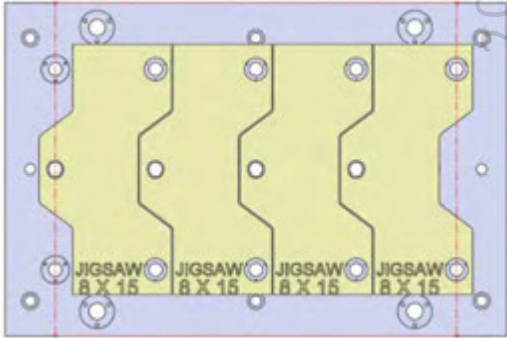
VMX24i-006



30 X 20 X 1.25



VMX24i-006

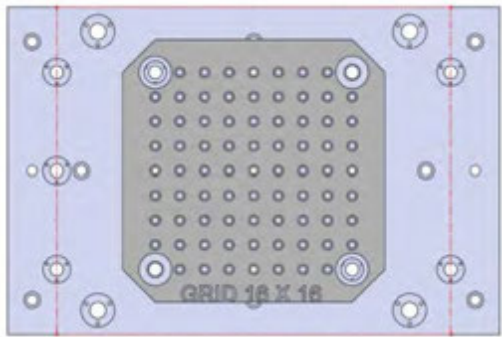
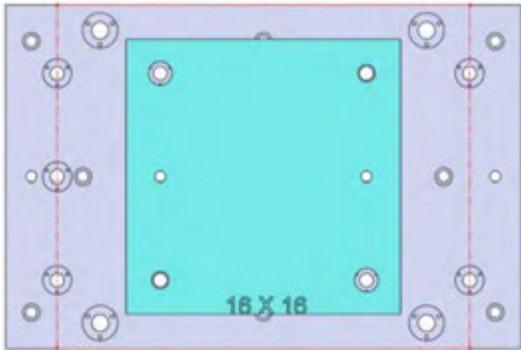


28705 Aluminum

28805 Steel

28713 Aluminum

28813 Steel

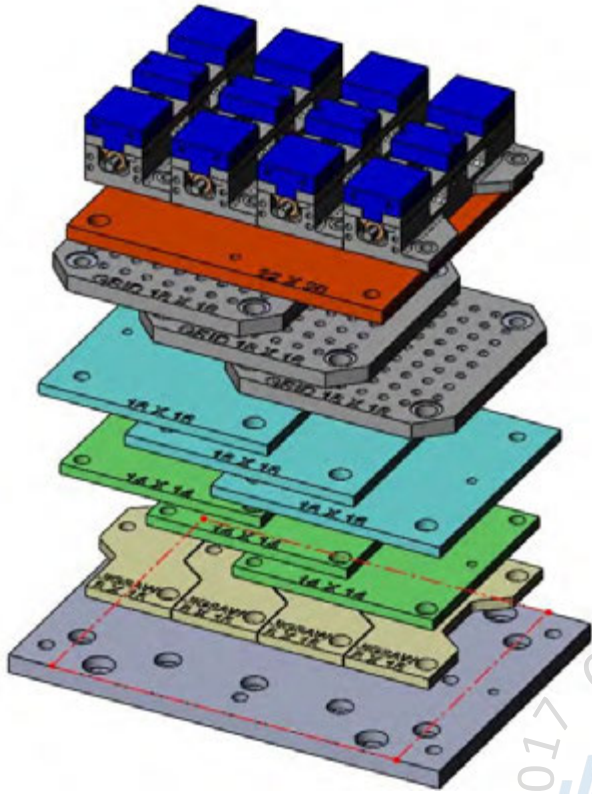


28715 Aluminum

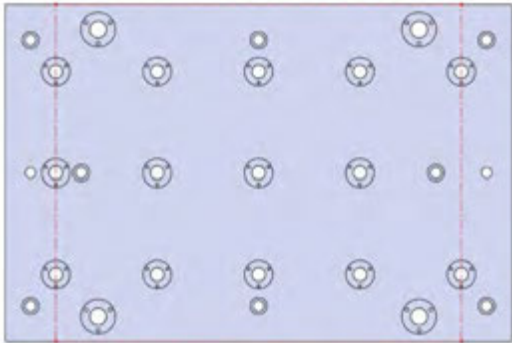
28815 Steel

28801 Steel

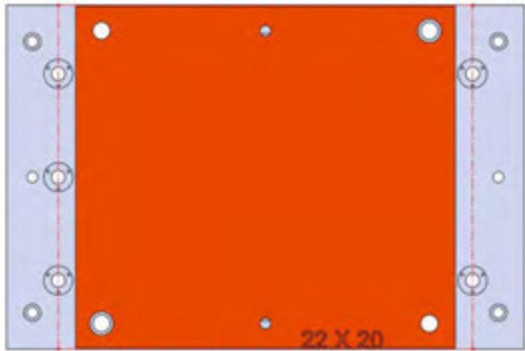
VMX24i-006 (continued)



30 X 20 X 1.25

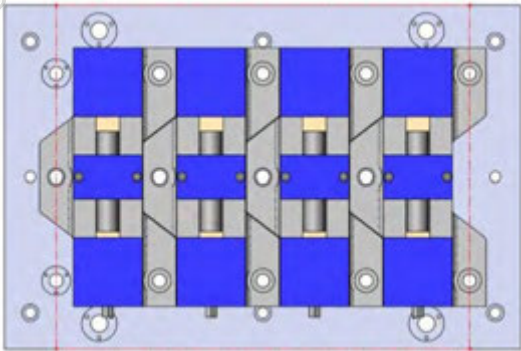


VMX24i-006



28745 Aluminum

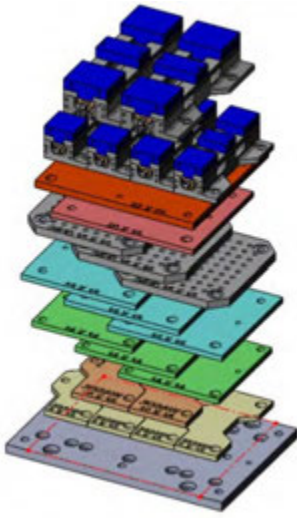
28845 Steel



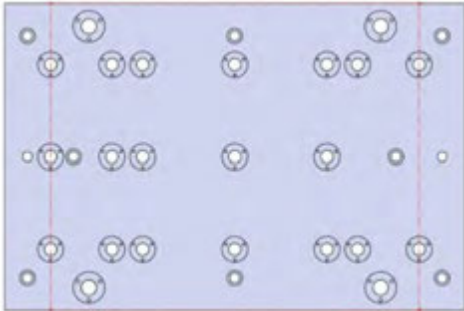
49405 4" Vise Ball-Lock® base

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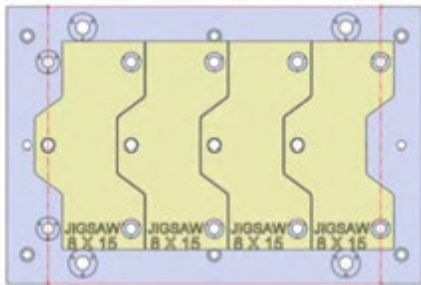
VMX24i-007



30 X 20 X 1.25

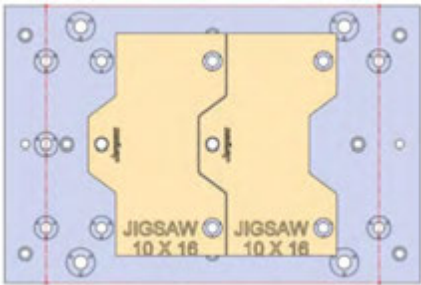


□ VMX24i-007



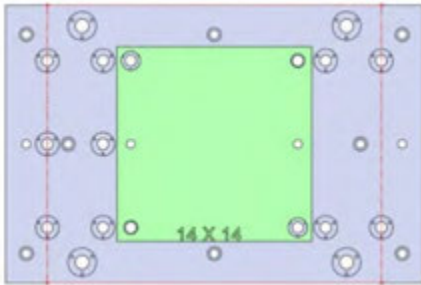
□ 28705 Aluminum

□ 28805 Steel



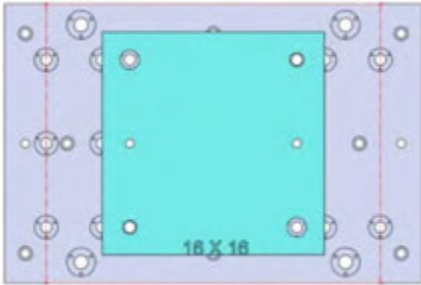
□ 28706 Aluminum

□ 28806 Steel



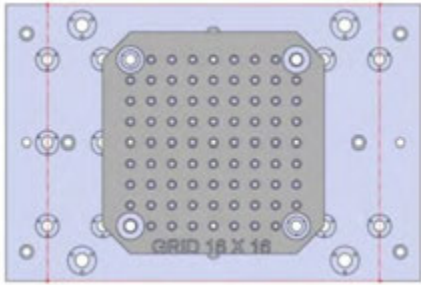
□ 28713 Aluminum

□ 28813 Steel

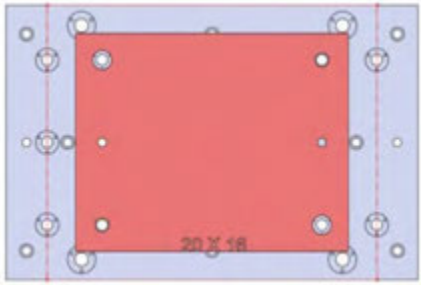


□ 28715 Aluminum

□ 28815 Steel



□ 28801 Steel

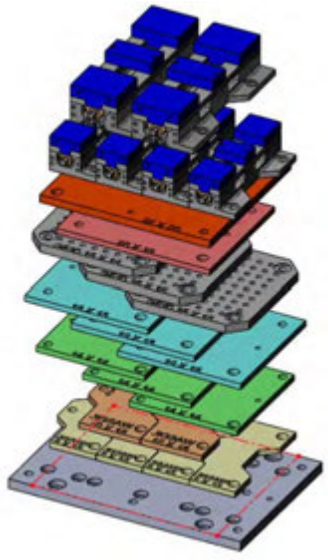


□ 28719 Aluminum

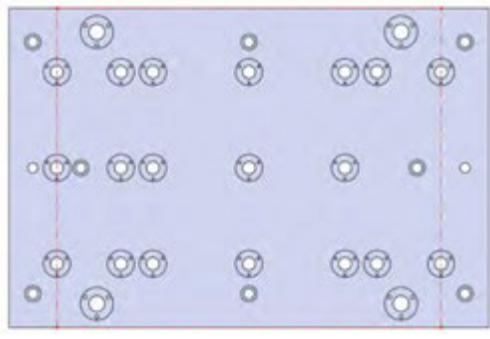
□ 28819 Steel

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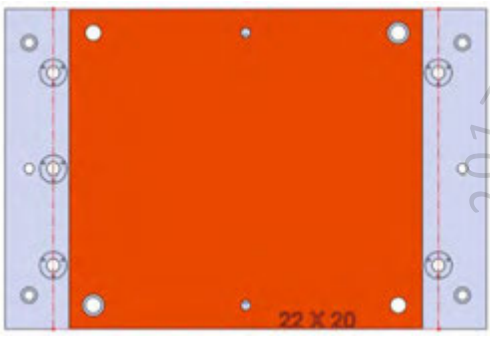
VMX24i-007 (continued)



30 X 20 X 1.25

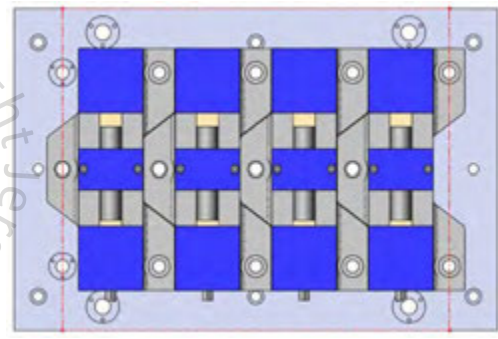


VMX24i-007

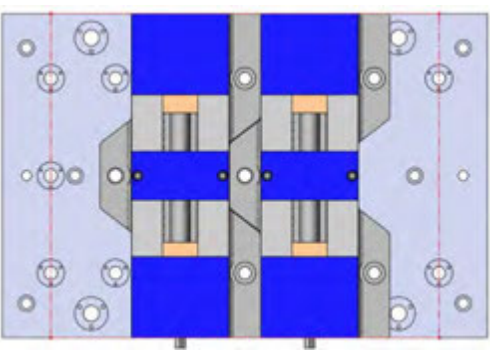


28745 Aluminum

28845 Steel



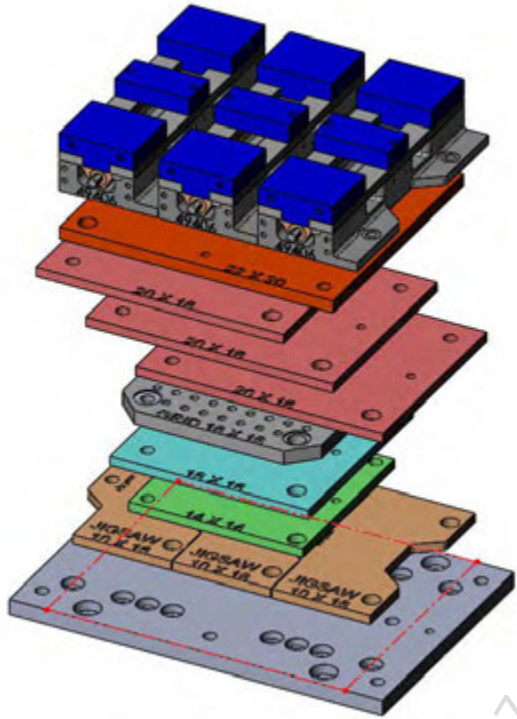
49405 4" Vise Ball-Lock® base



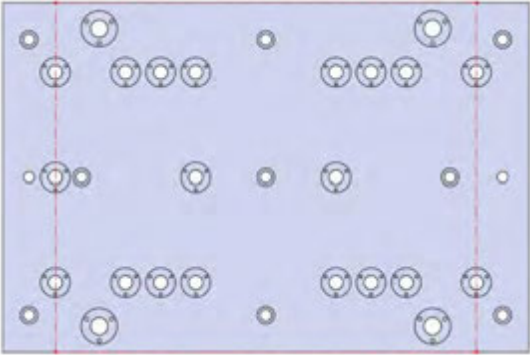
49406 6" Vise Ball-Lock® base

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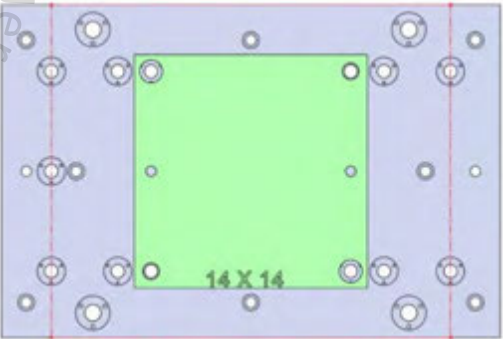
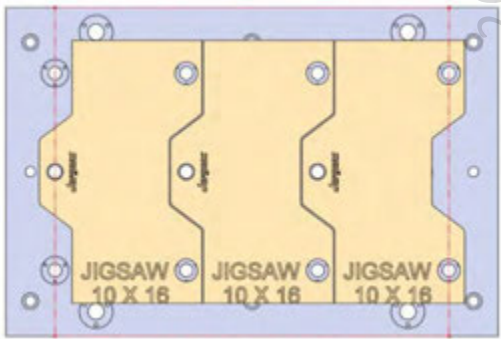
VMX24i-008



30 X 20 X 1.25



VMX24i-008

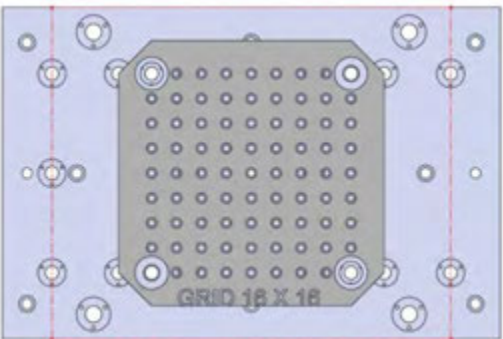
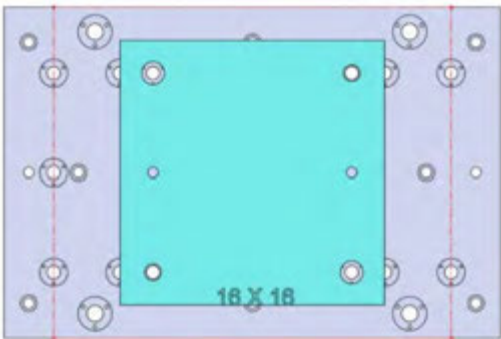


28706 Aluminum

28806 Steel

28713 Aluminum

28813 Steel



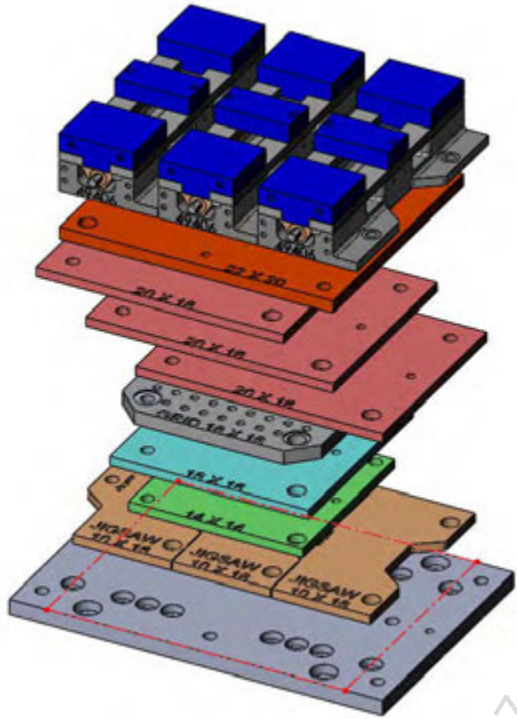
28715 Aluminum

28815 Steel

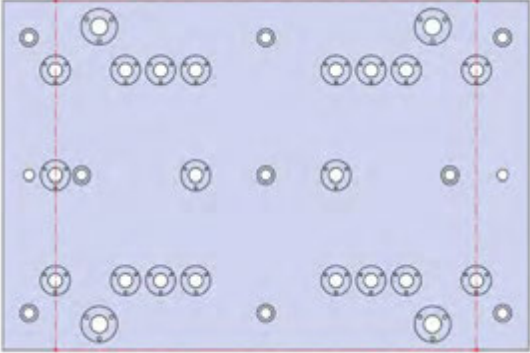
28801 Steel

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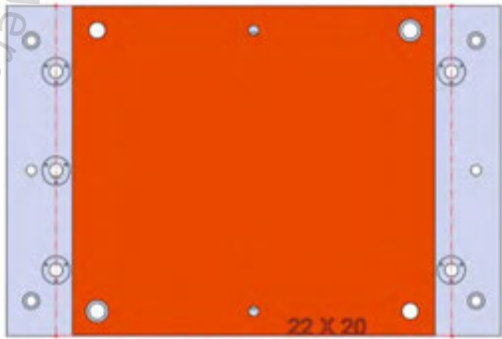
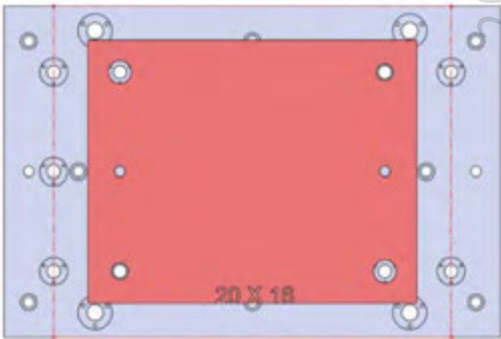
VMX24i-008 (continued)



30 X 20 X 1.25



VMX24i-008

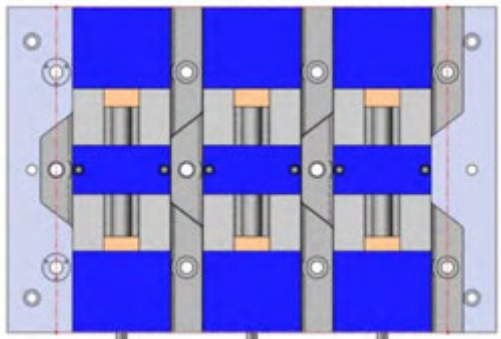


28719 Aluminum

28819 Steel

28745 Aluminum

28845 Steel



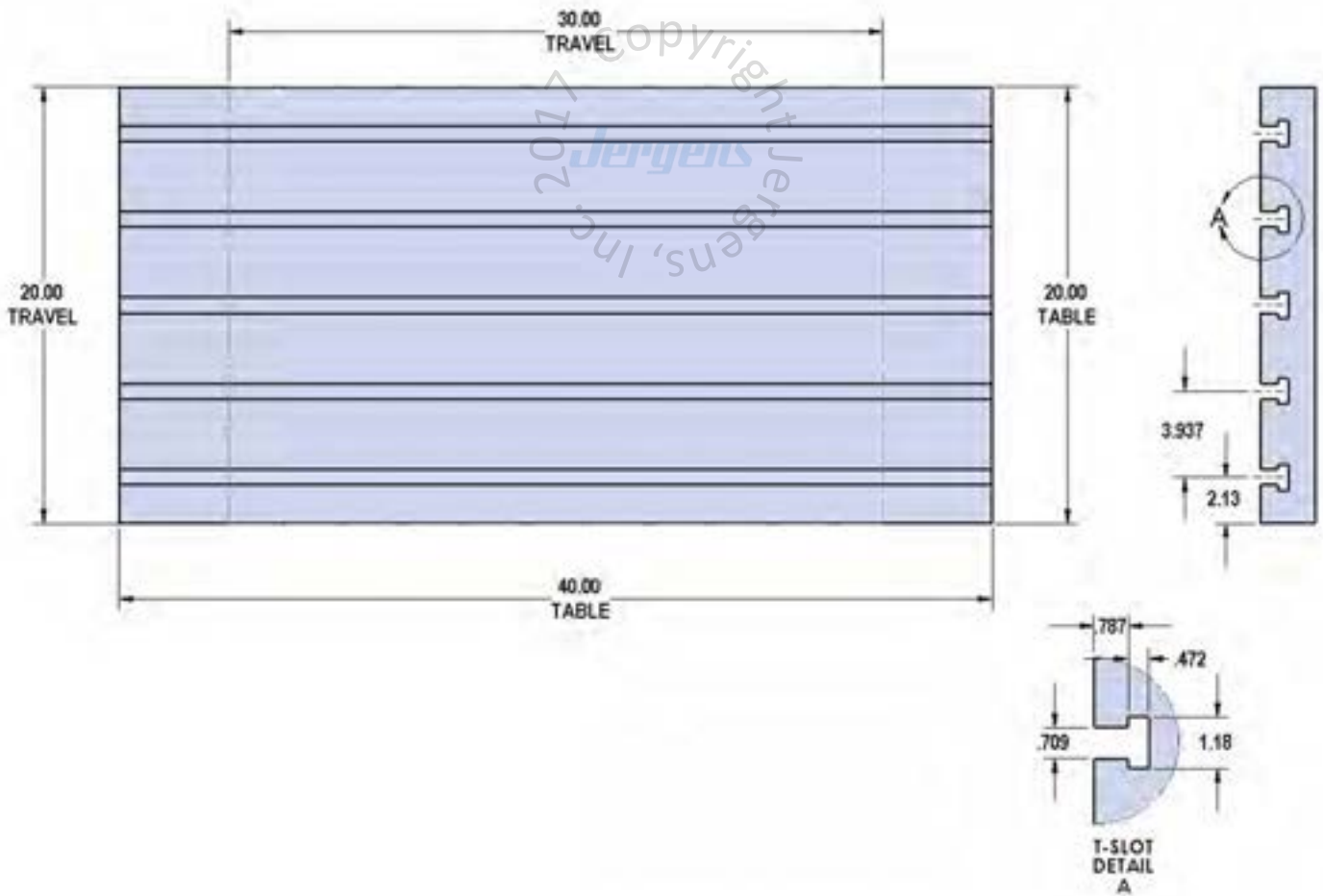
49406 6" Vise Ball-Lock® base

VMX30i



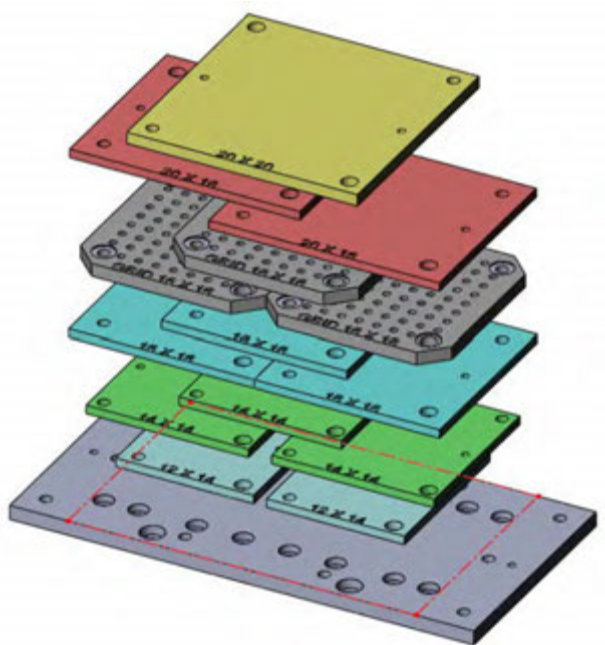
**Table Specifications**

- Table Travel (X, Y, Z): 30" x 20" x 24"
- Table Dimensions (L x W): 40" x 20"
- Maximum Weight on Table: 3000 lbs
- T-Slot Width: .708" (18mm)
- T-Slot Center Distance: 3.937" (100mm)

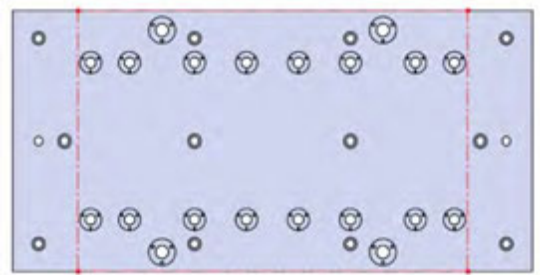




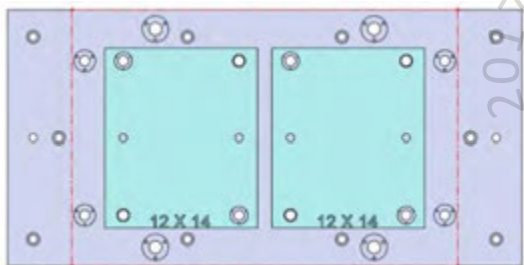
VMX30i-001



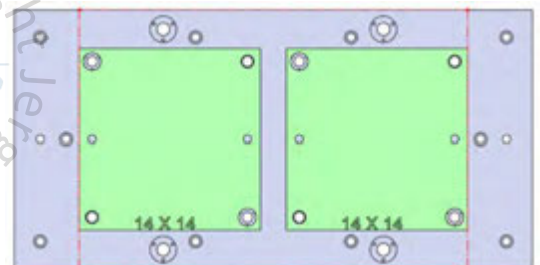
40 X 20 X 1.25



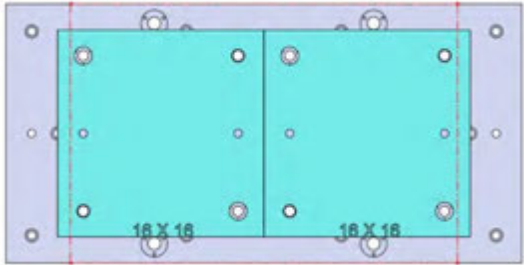
VMX30i-001



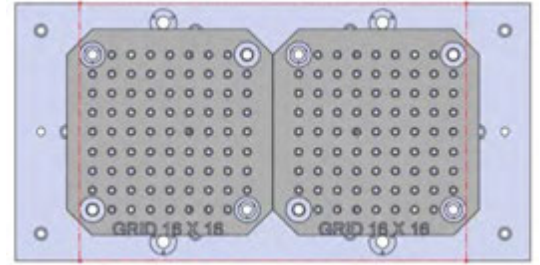
28711 Aluminum       28811 Steel



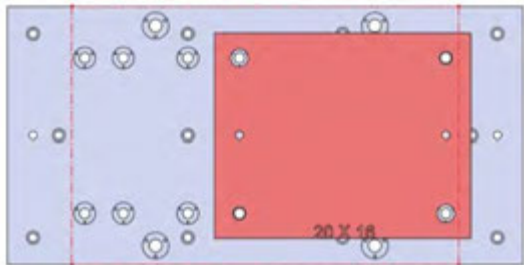
28713 Aluminum       28813 Steel



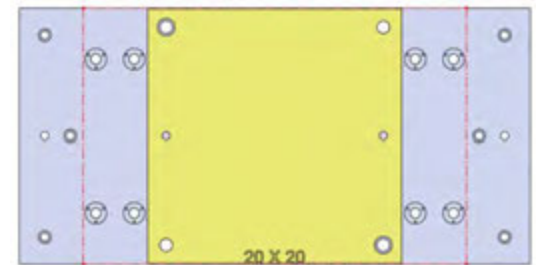
28715 Aluminum       28815 Steel



28801 Steel



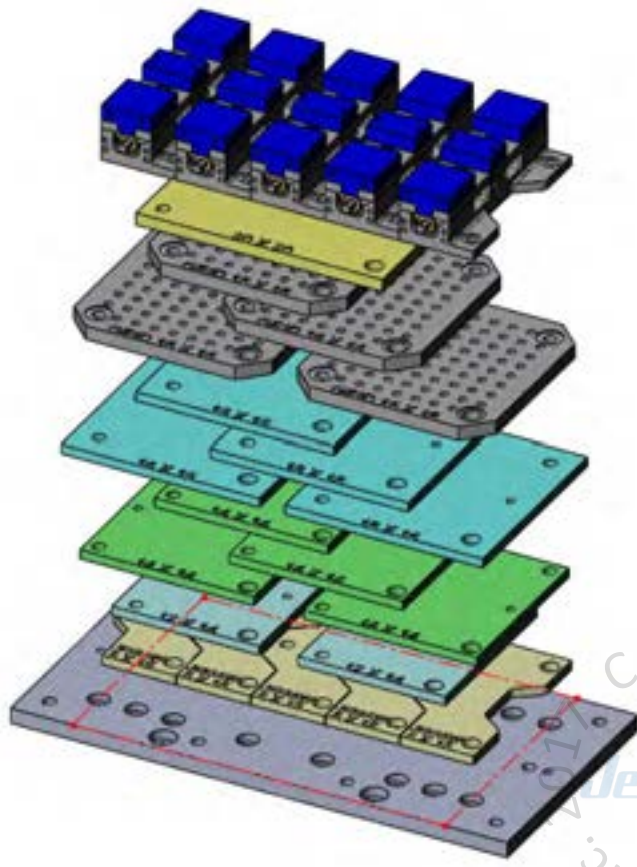
28719 Aluminum       28819 Steel



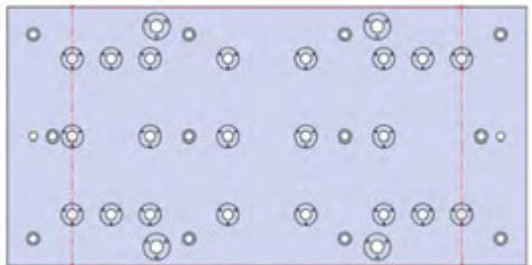
28727 Aluminum       28827 Steel

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VMX30i-002

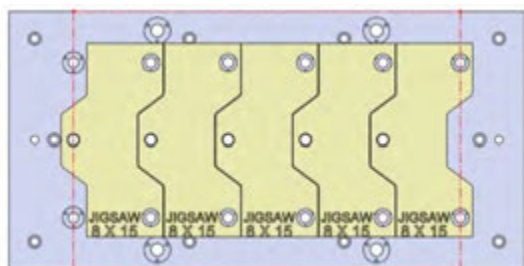


40 X 20 X 1.25



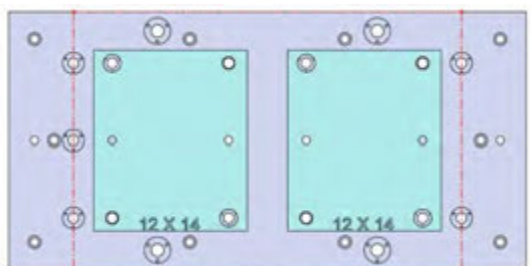
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VMX30i-002



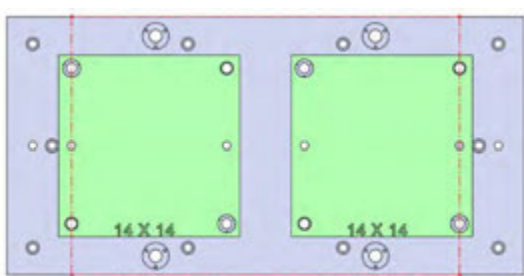
28705 Aluminum

28805 Steel



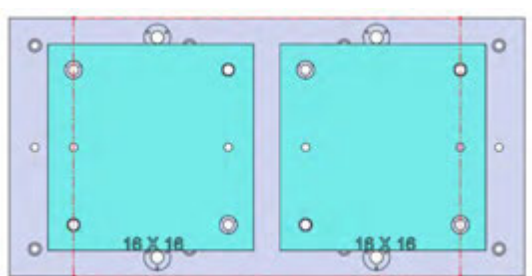
28711 Aluminum

28811 Steel



28713 Aluminum

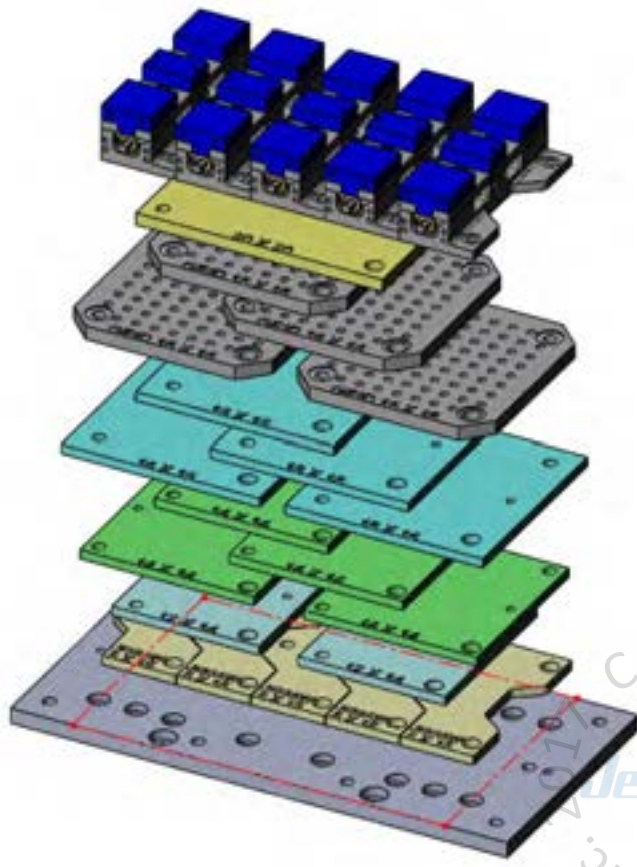
28813 Steel



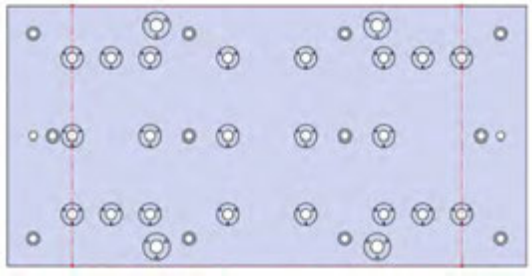
28715 Aluminum

28815 Steel

VMX30i-002(continued)

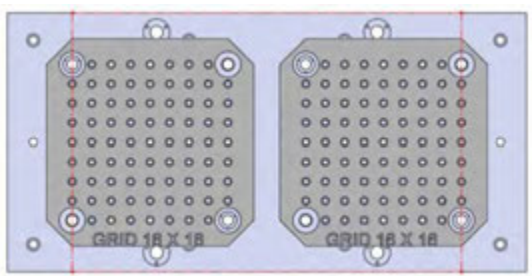


40 X 20 X 1.25

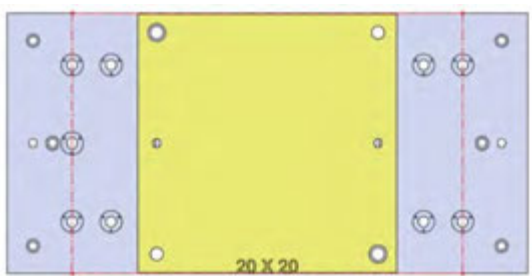


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□ VMX30i-002

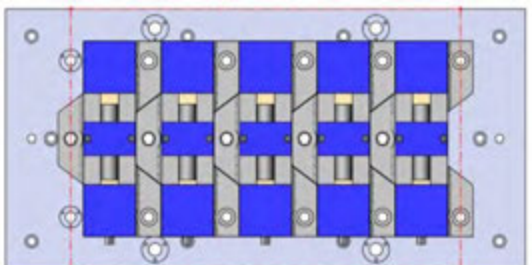


□ 28801 Steel



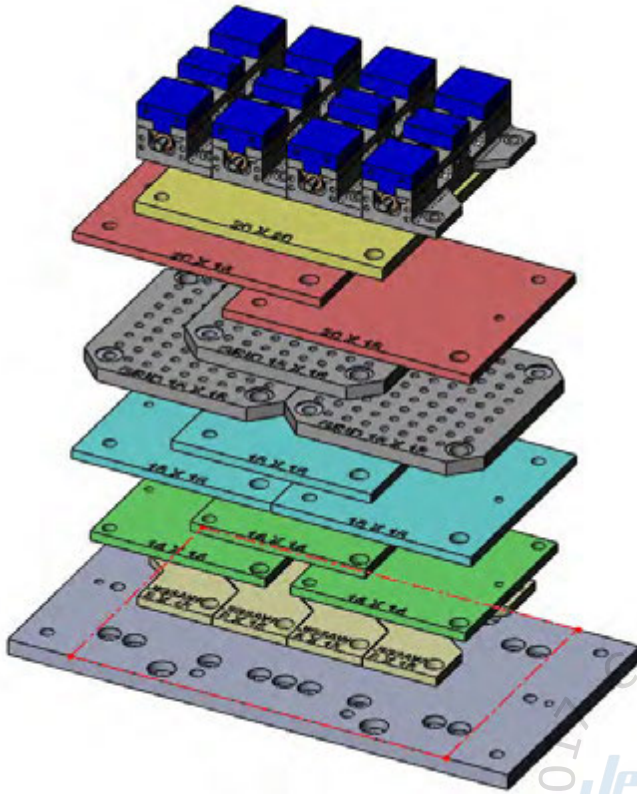
□ 28727 Aluminum

□ 28827 Steel

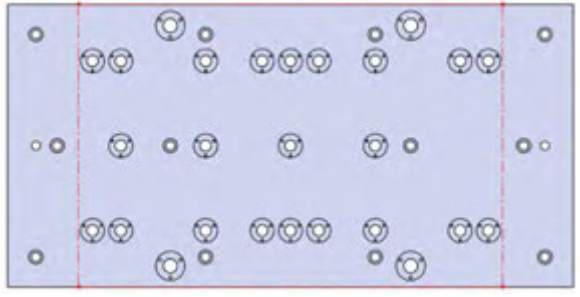


□ 49405 4" Vise Ball-Lock® base

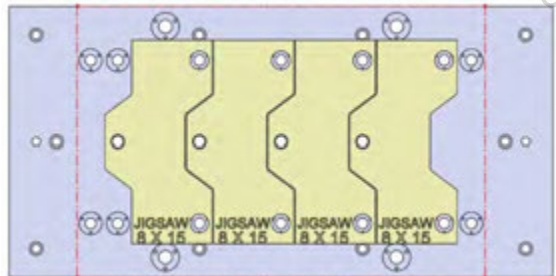
VMX30i-003



40 X 20 X 1.25

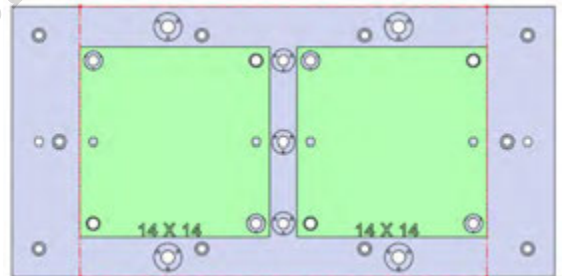


VMX30i-003



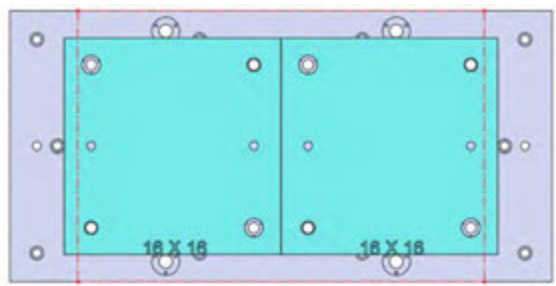
28705 Aluminum

28805 Steel



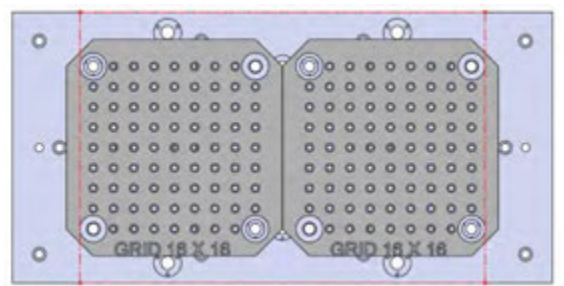
28713 Aluminum

28813 Steel



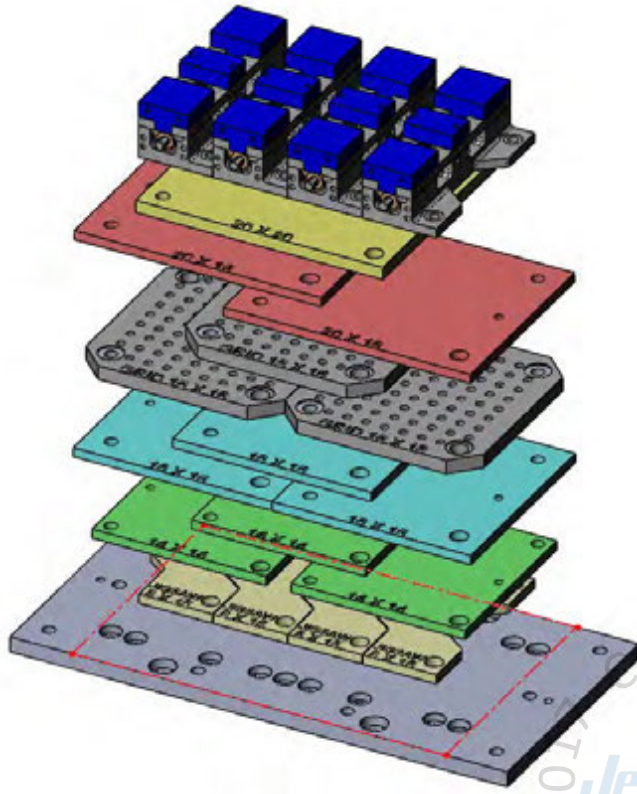
28715 Aluminum

28815 Steel

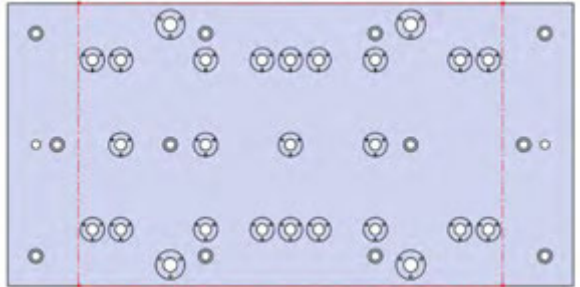


28801 Steel

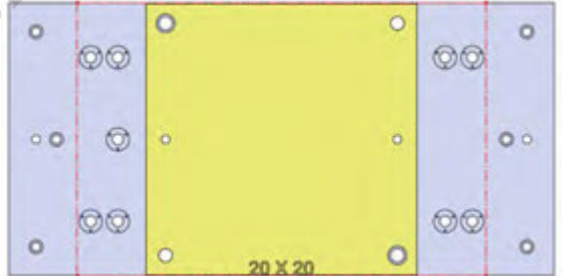
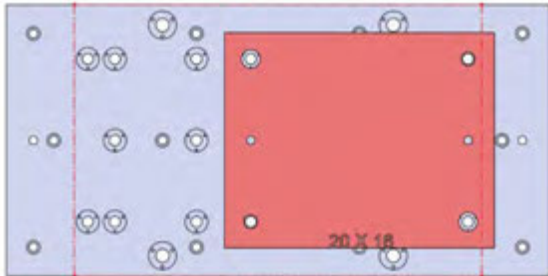
VMX30i-003(continued)



40 X 20 X 1.25



VMX30i-003

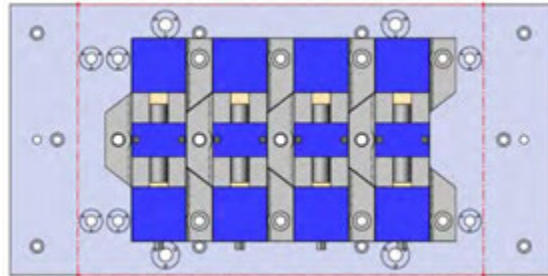


28719 Aluminum

28819 Steel

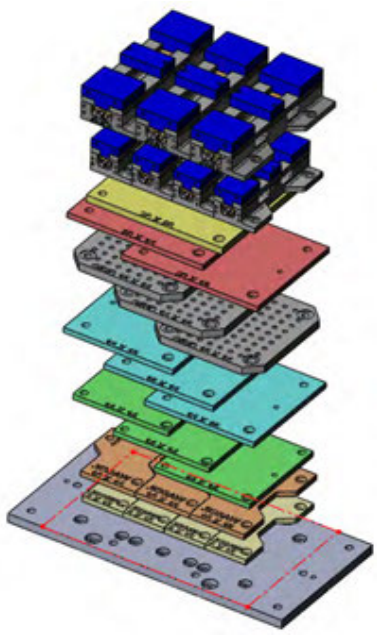
28727 Aluminum

28827 Steel

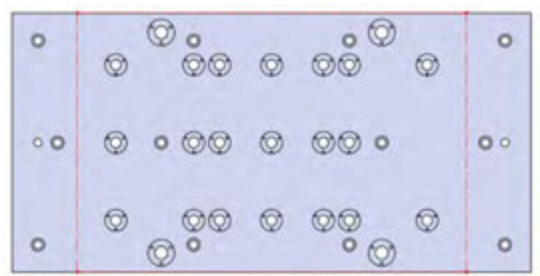


49405 4" Vise Ball-Lock® base

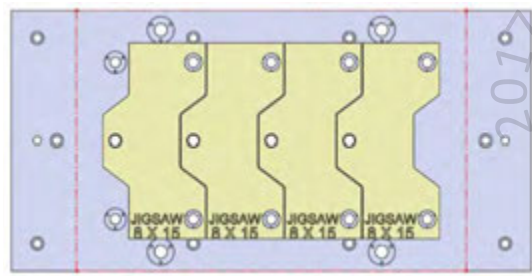
VMX30i-004



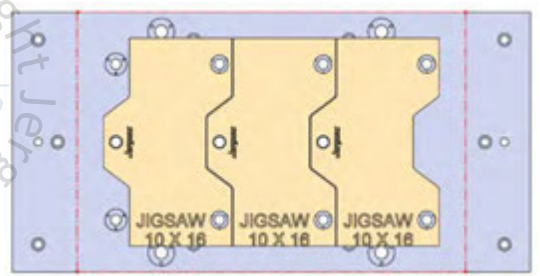
40 X 20 X 1.25



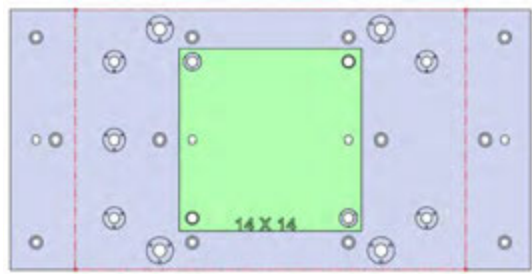
VMX30i-004



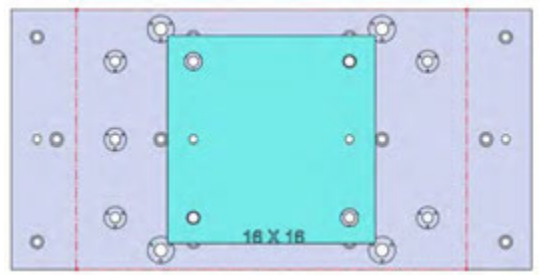
28705 Aluminum       28805 Steel



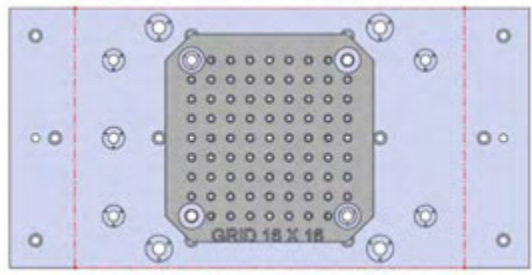
28706 Aluminum       28806 Steel



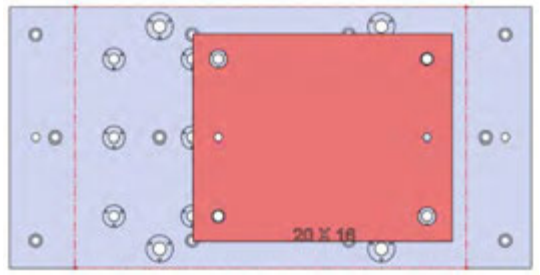
28713 Aluminum       28813 Steel



28715 Aluminum       28815 Steel



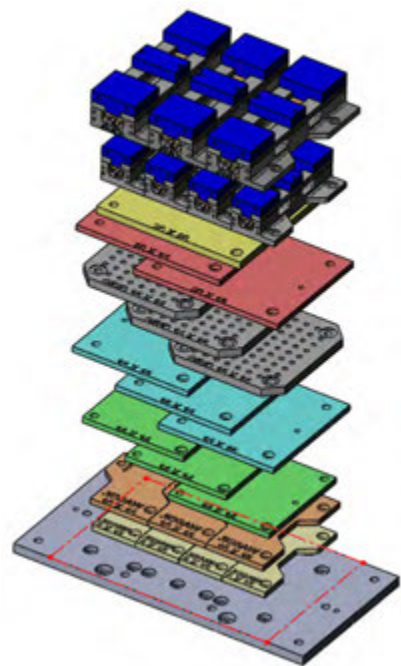
28801 Steel



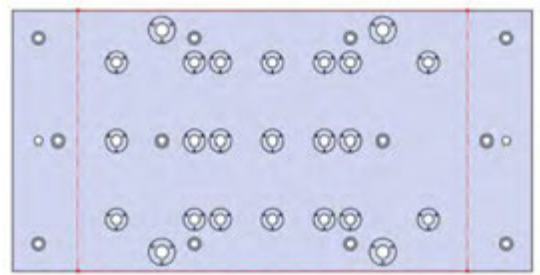
28719 Aluminum       28819 Steel

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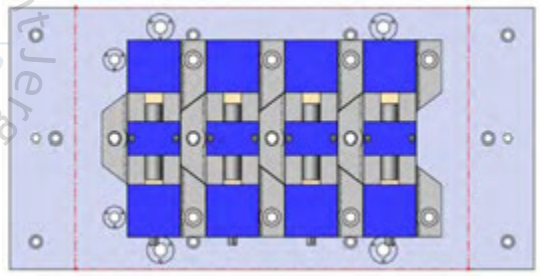
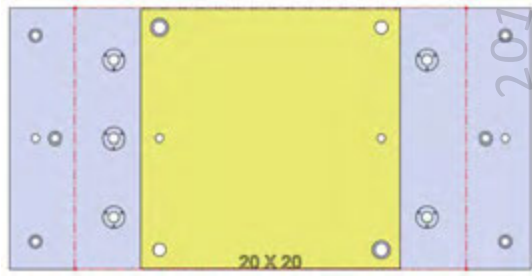
VMX30i-004(continued)



40 X 20 X 1.25



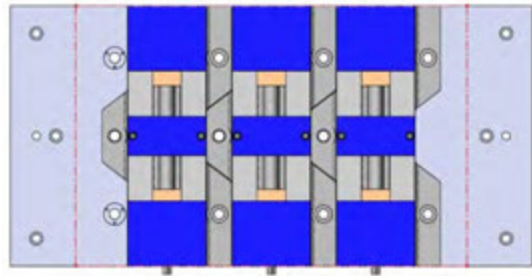
VMX30i-004



28727 Aluminum

28827 Steel

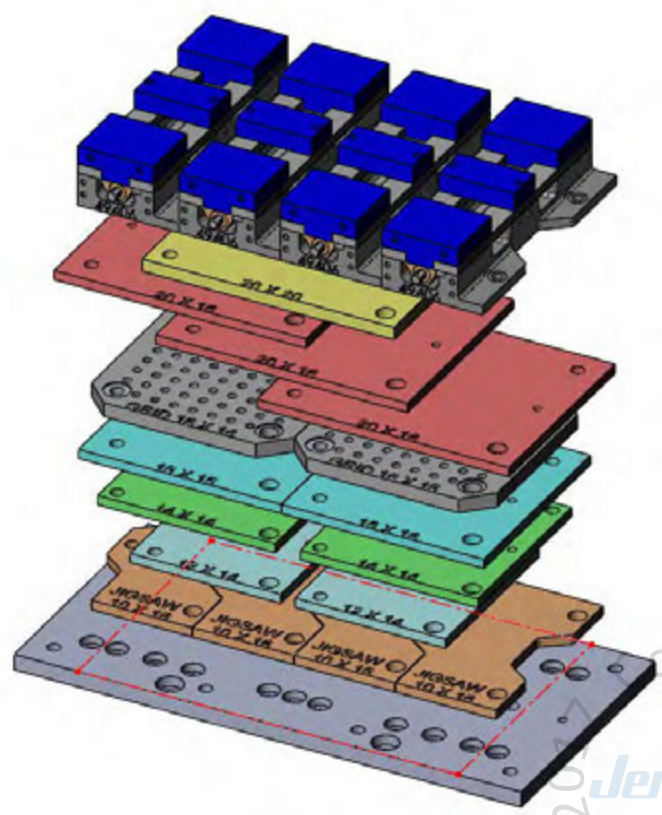
49405 4" Vise Ball-Lock® base



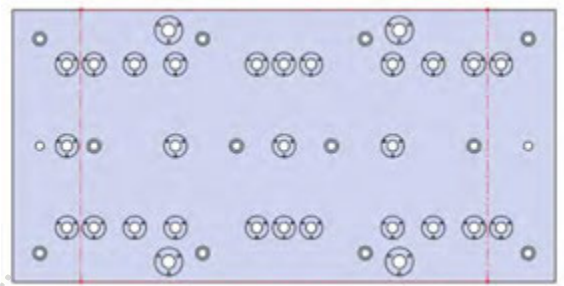
49406 6" Vise Ball-Lock® base

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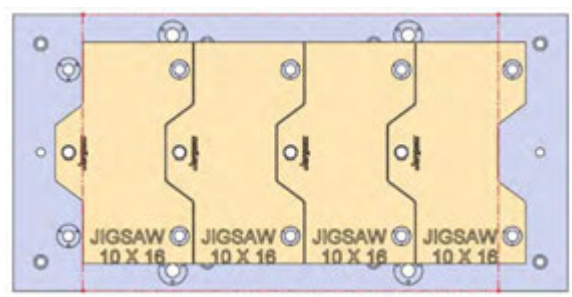
VMX30i-005



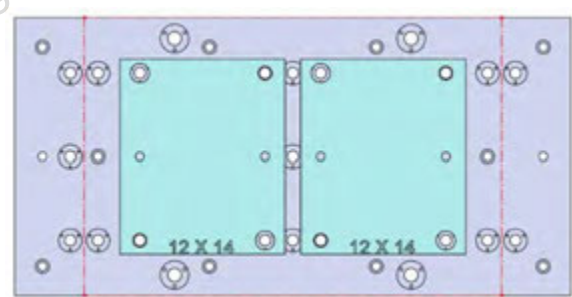
40 X 20 X 1.25



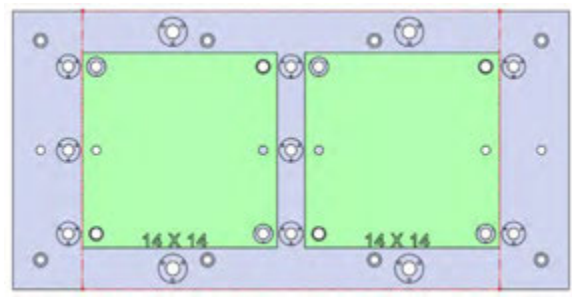
VMX30i-005



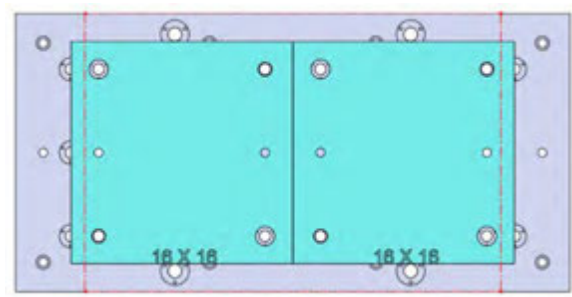
28706 Aluminum       28806 Steel



28711 Aluminum       28811 Steel



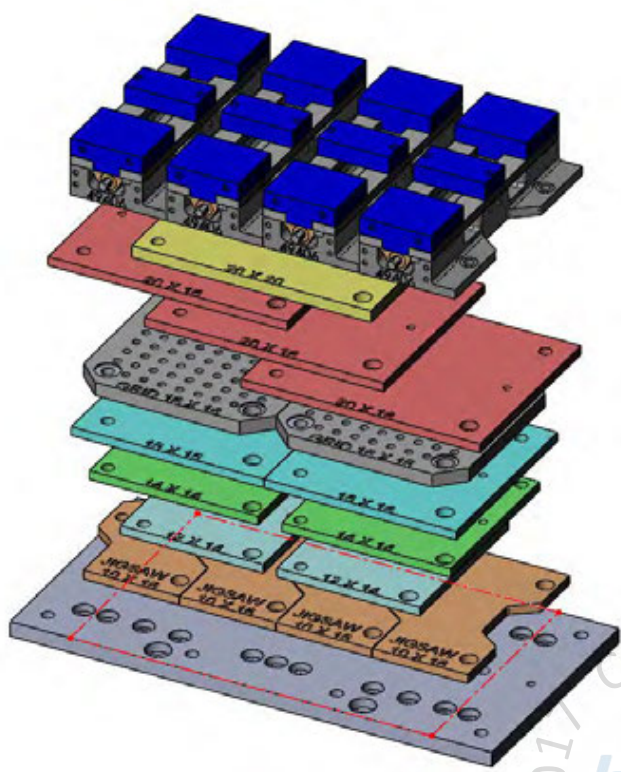
28713 Aluminum       28813 Steel



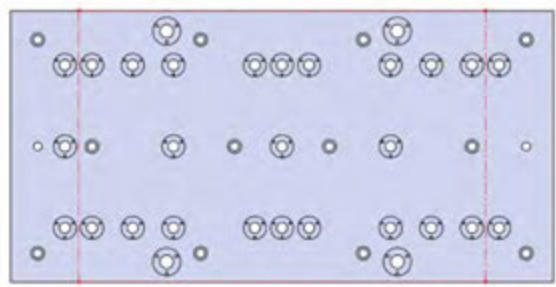
28715 Aluminum       28815 Steel



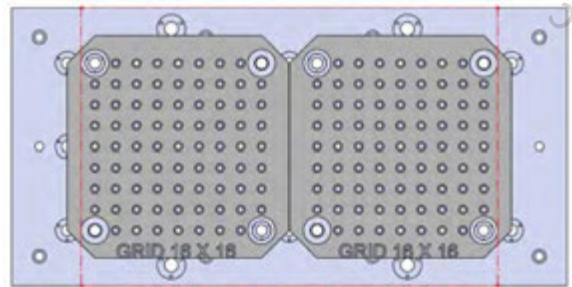
VMX30i-005(continued)



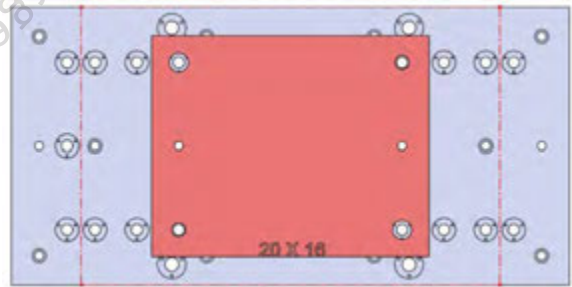
40 X 20 X 1.25



VMX30i-005

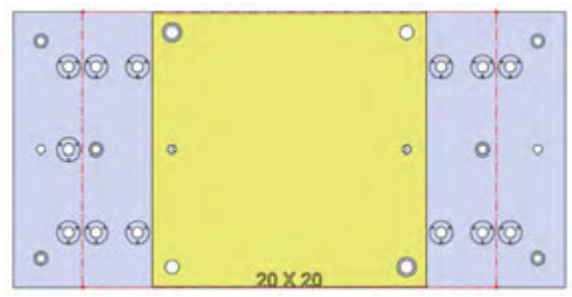


28801 Steel



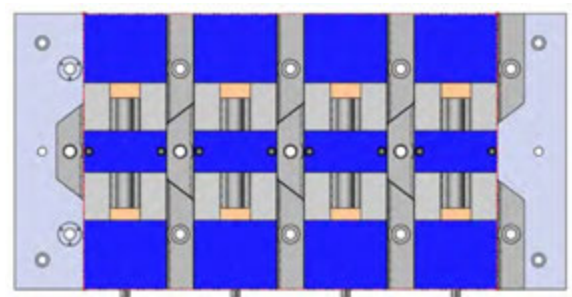
28719 Aluminum

28819 Steel



28727 Aluminum

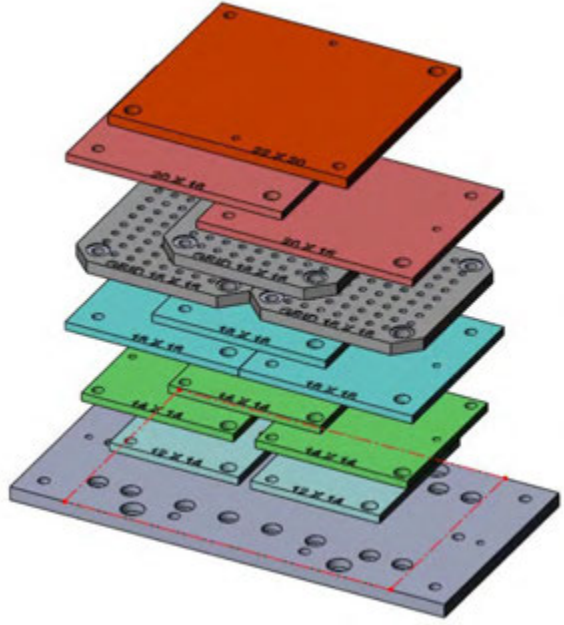
28827 Steel



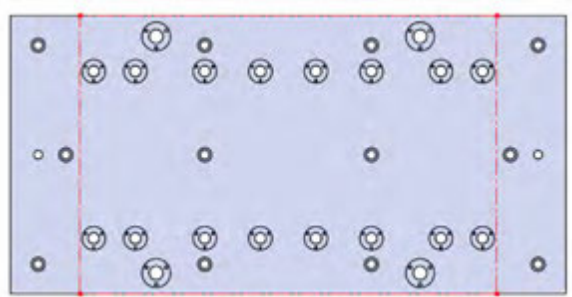
49406 6" Vise Ball-Lock base

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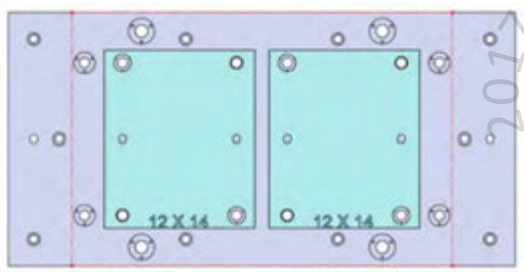
VMX30i-006



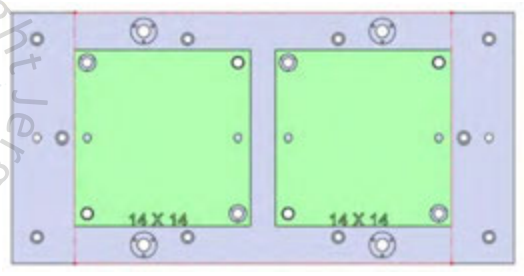
40 X 20 X 1.25



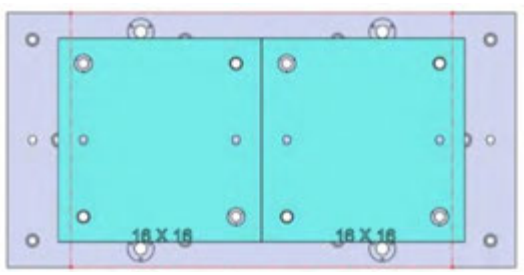
VMX30i-006



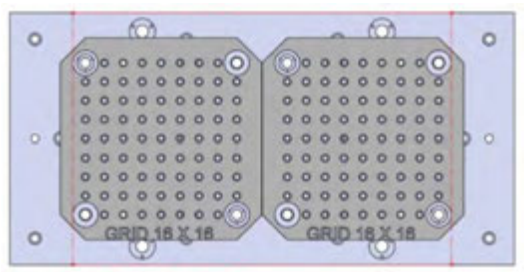
28711 Aluminum       28811 Steel



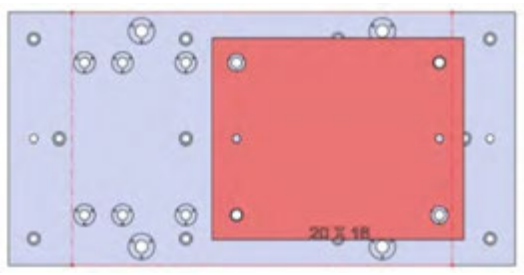
28713 Aluminum       28813 Steel



28715 Aluminum       28815 Steel



28801 Steel



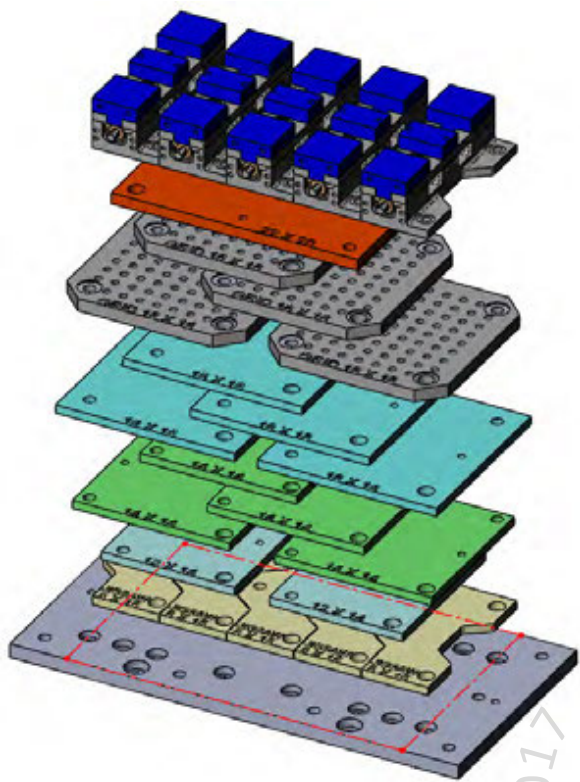
28719 Aluminum       28819 Steel



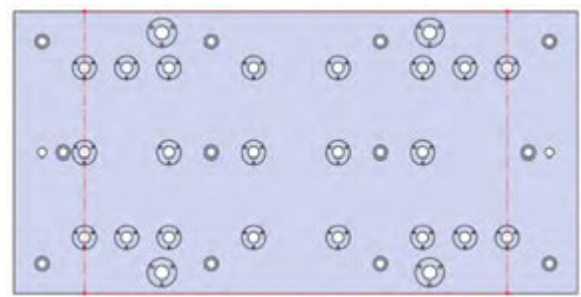
28745 Aluminum       28845 Steel

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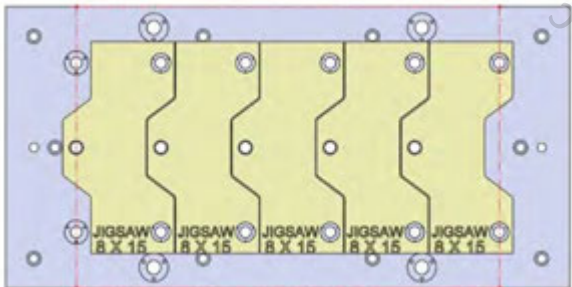
VMX30i-007



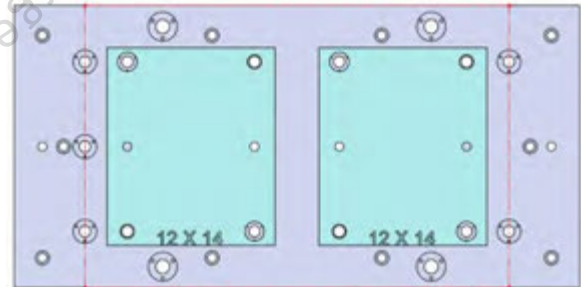
40 X 20 X 1.25



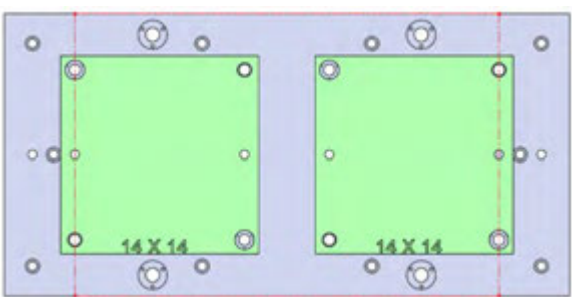
VMX30i-007



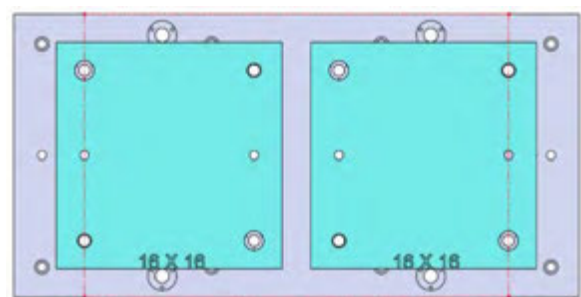
28705 Aluminum       28805 Steel



28711 Aluminum       28811 Steel



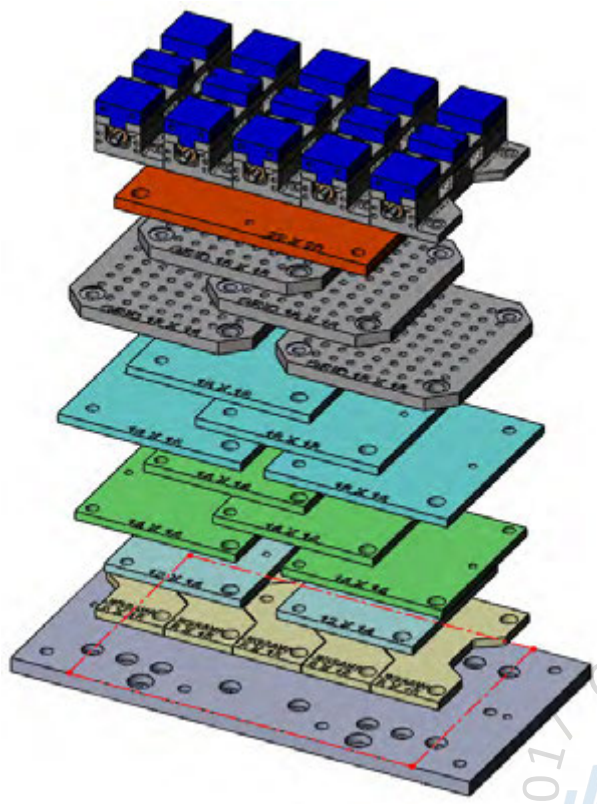
28713 Aluminum       28813 Steel



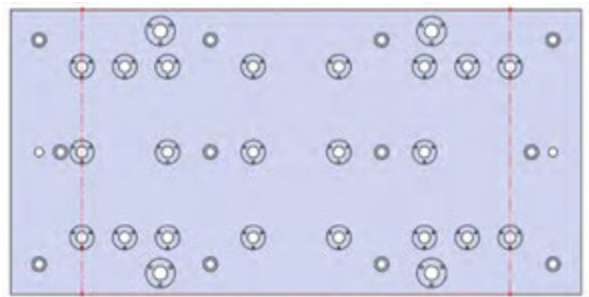
28715 Aluminum       28815 Steel

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VMX30i-007(continued)

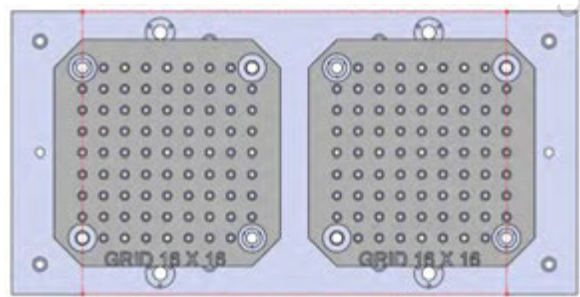


40 X 20 X 1.25



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VMX30i-007

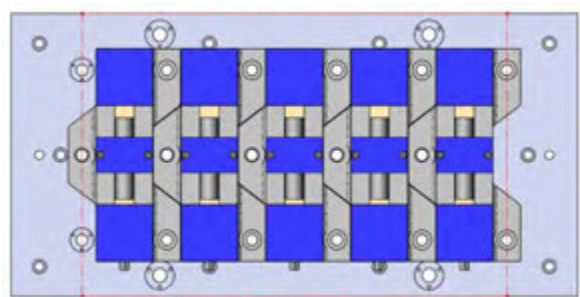


28801 Steel



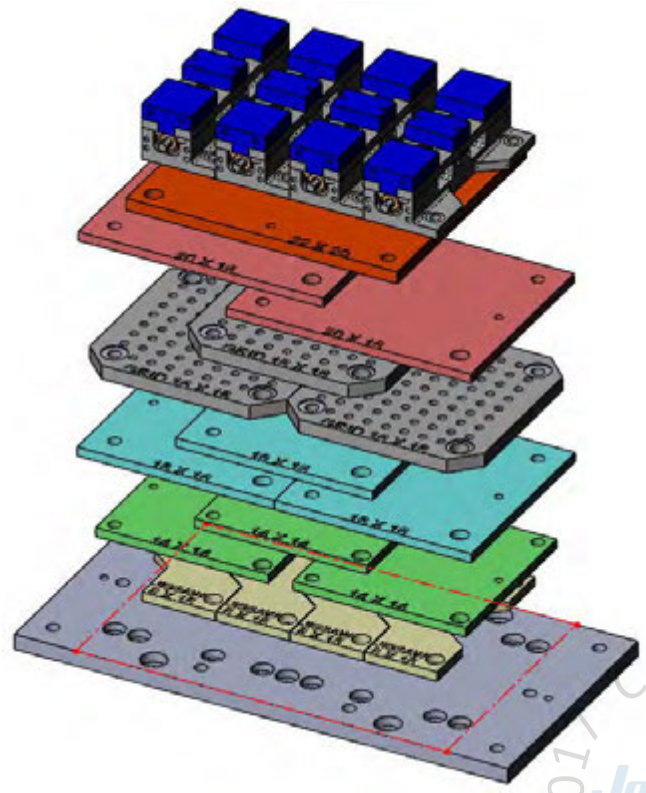
28745 Aluminum

28845 Steel

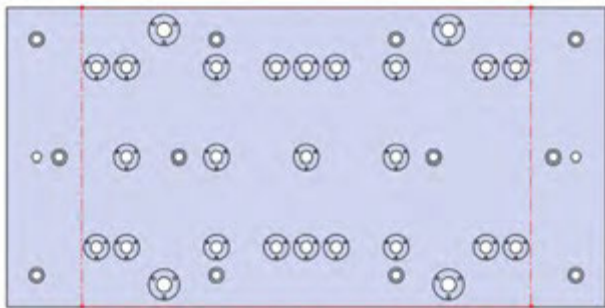


49405 4" Vise Ball-Lock® base

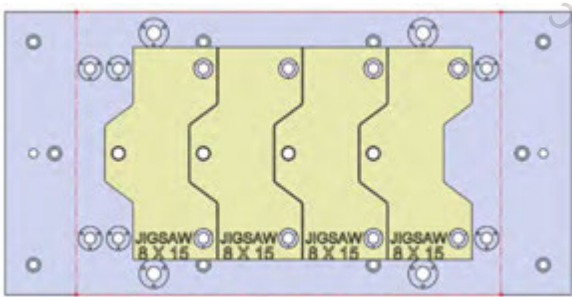
VMX30i-008



40 X 20 X 1.25

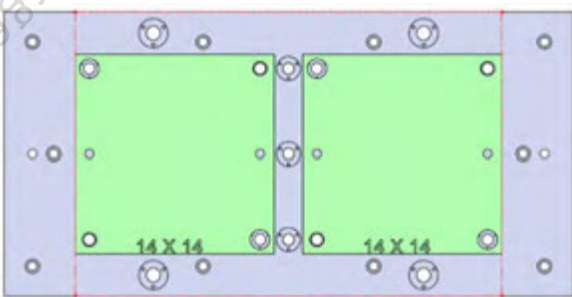


VMX30i-008



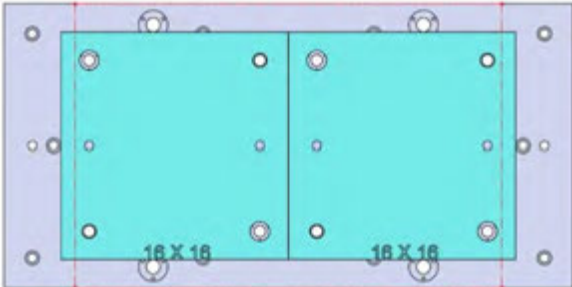
28705 Aluminum

28805 Steel



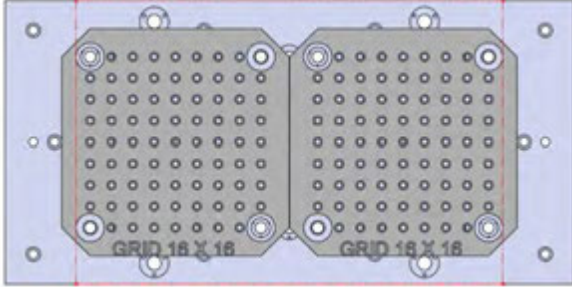
28713 Aluminum

28813 Steel



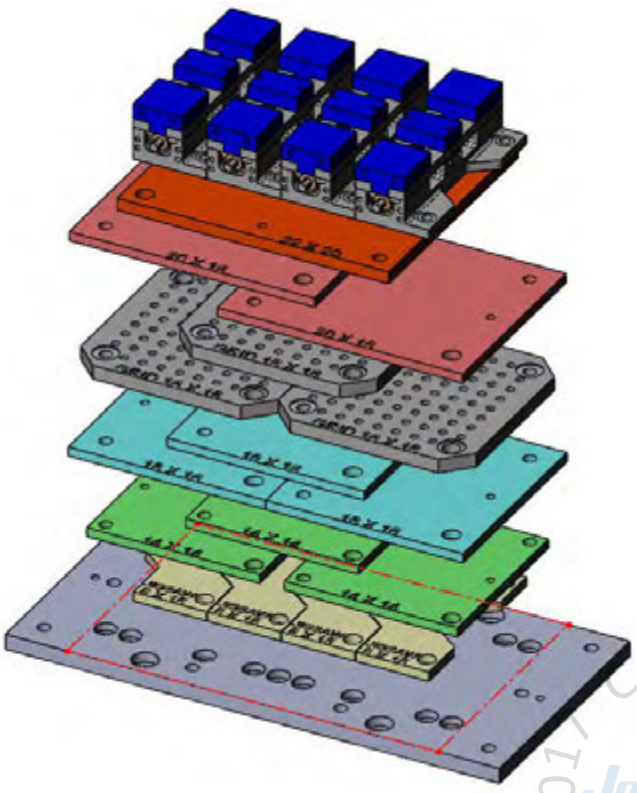
28715 Aluminum

28815 Steel

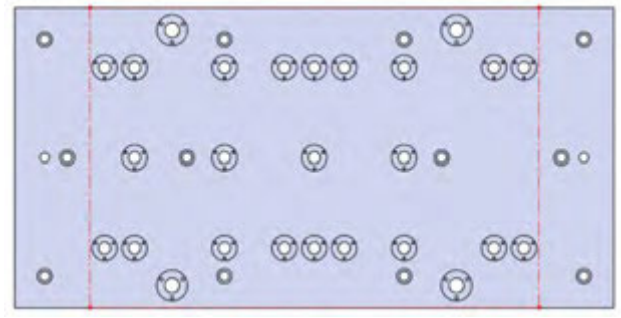


28801 Steel

VMX30i-008(continued)

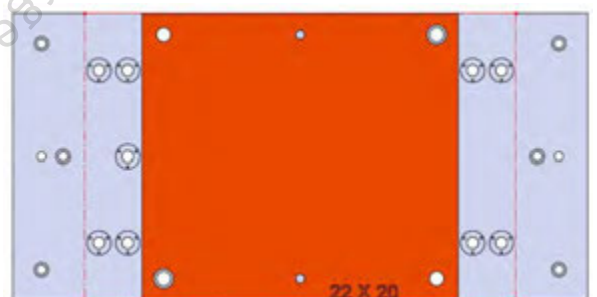
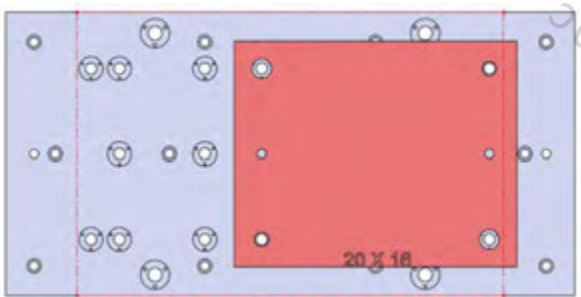


40 X 20 X 1.25



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VMX30i-008

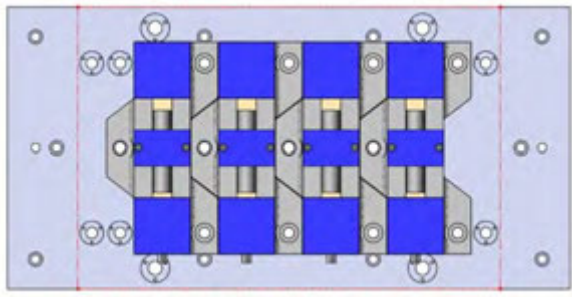


28719 Aluminum

28819 Steel

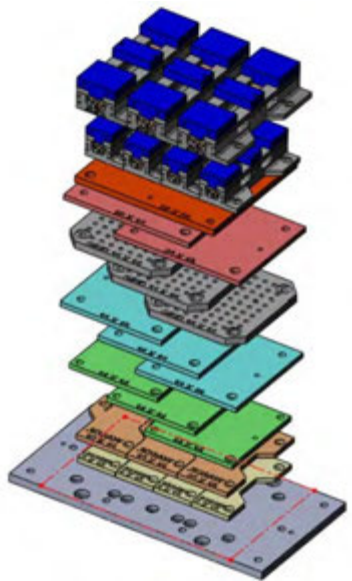
28745 Aluminum

28845 Steel

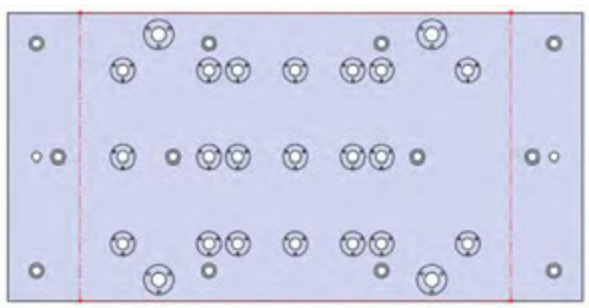


49405 4" Vise Ball-Lock® base

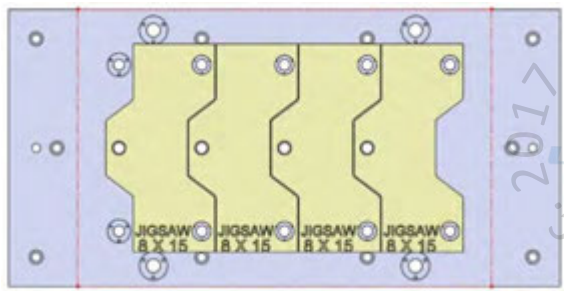
VMX30i-009



40 X 20 X 1.25

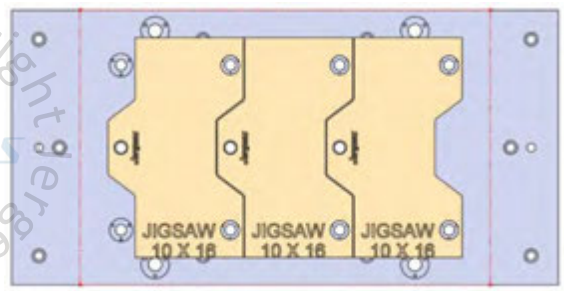


□ VMX30i-009



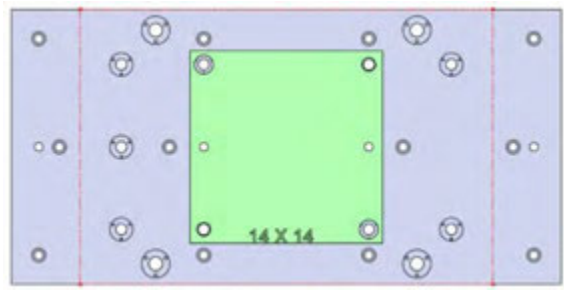
□ 28705 Aluminum

□ 28805 Steel



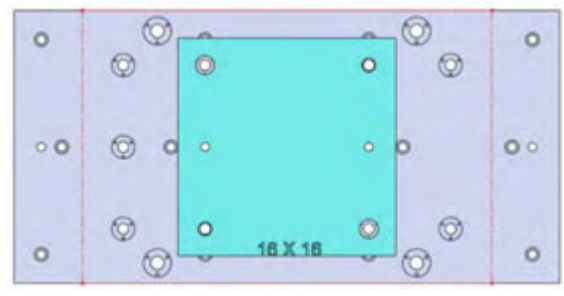
□ 28706 Aluminum

□ 28806 Steel



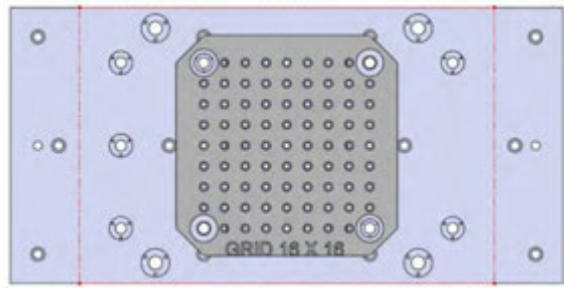
□ 28713 Aluminum

□ 28813 Steel

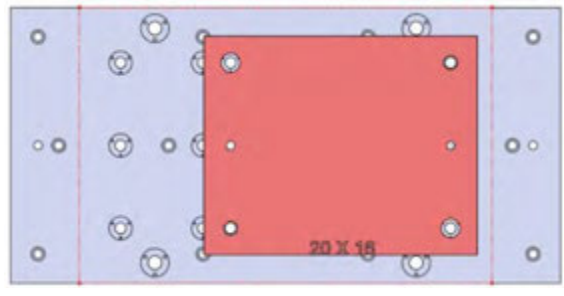


□ 28715 Aluminum

□ 28815 Steel



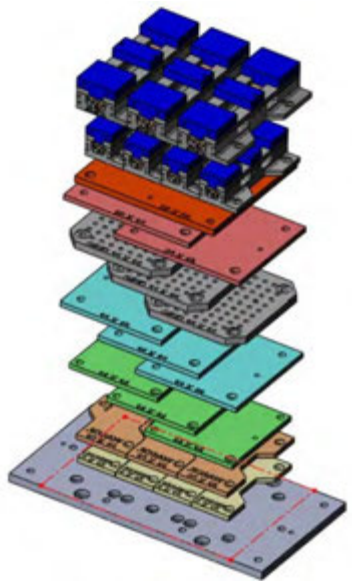
□ 28801 Steel



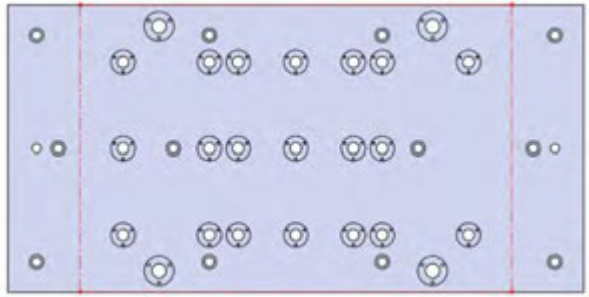
□ 28719 Aluminum

□ 28819 Steel

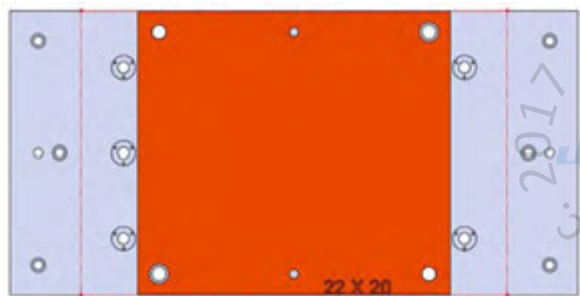
VMX30i-009(continued)



40 X 20 X 1.25

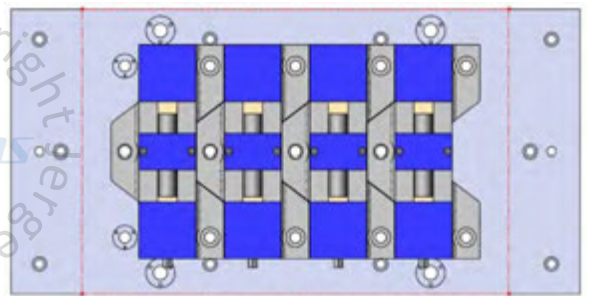


□ VMX30i-009

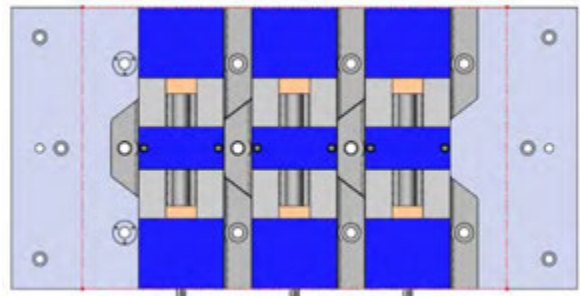


□ 28745 Aluminum

□ 28845 Steel



□ 49405 4" Vise Ball-Lock® base

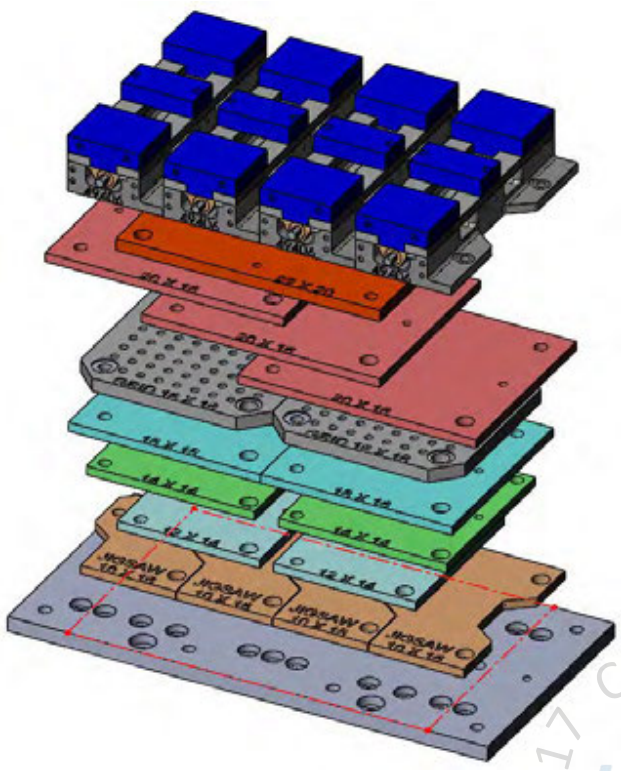


□ 49406 6" Vise Ball-Lock® base

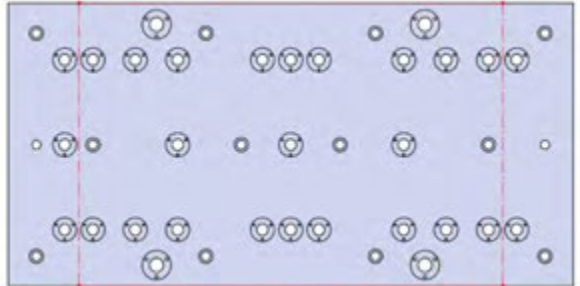
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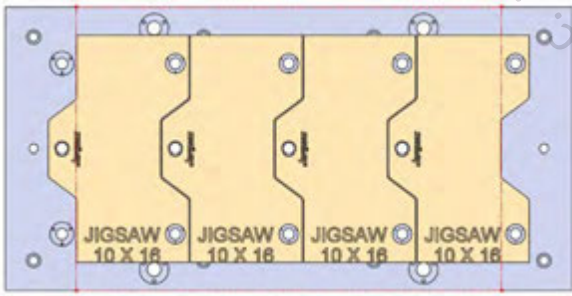
VMX30i-010



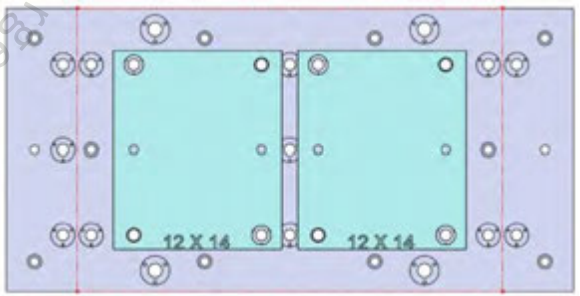
40 X 20 X 1.25



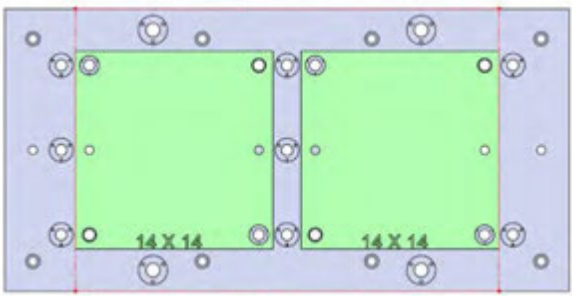
VMX30i-010



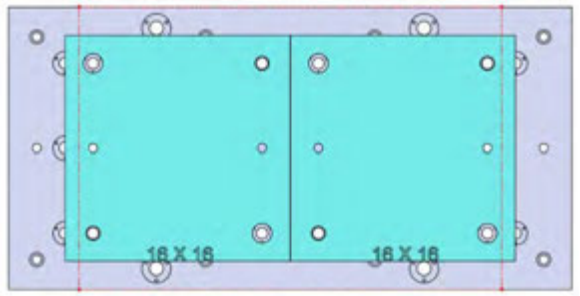
28706 Aluminum       28806 Steel



28711 Aluminum       28811 Steel

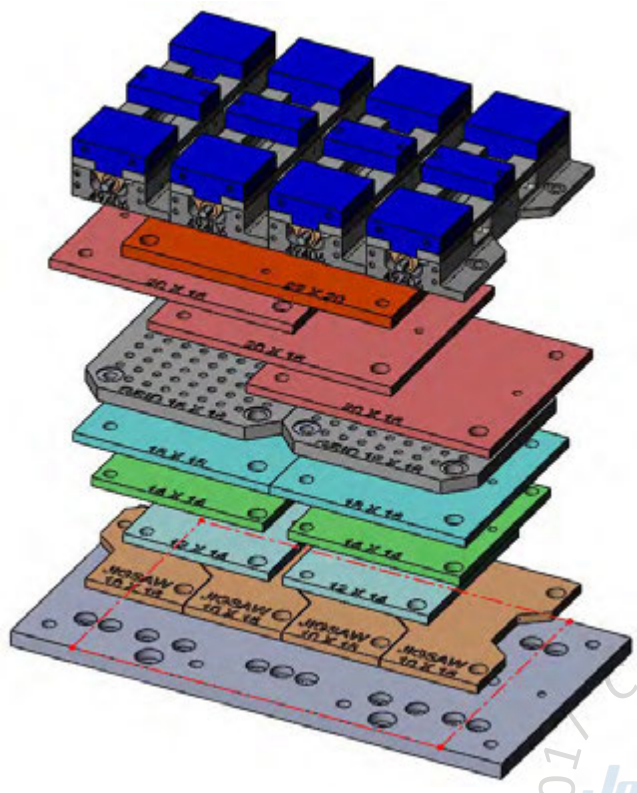


28713 Aluminum       28813 Steel

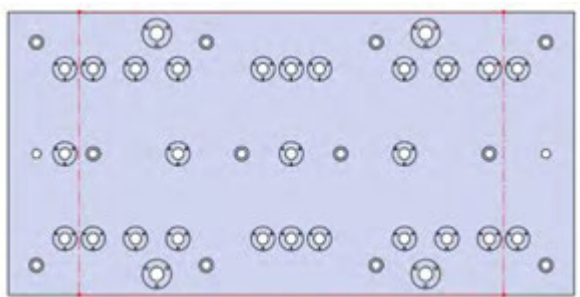


28715 Aluminum       28815 Steel

VMX30i-010(continued)

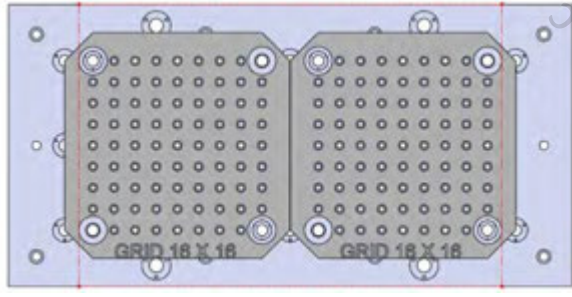


40 X 20 X 1.25

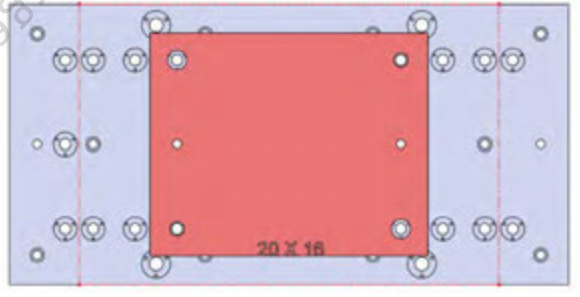


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□ VMX30i-010

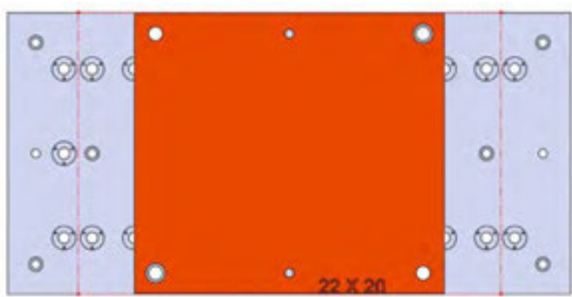


□ 28801 Steel



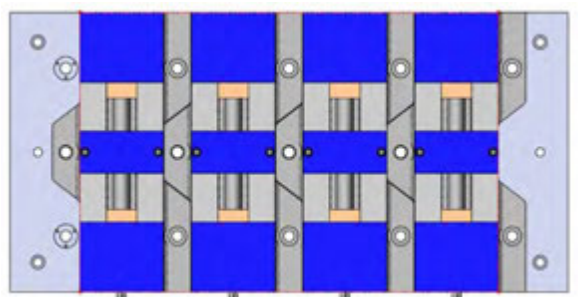
□ 28719 Aluminum

□ 28819 Steel



□ 28745 Aluminum

□ 28845 Steel



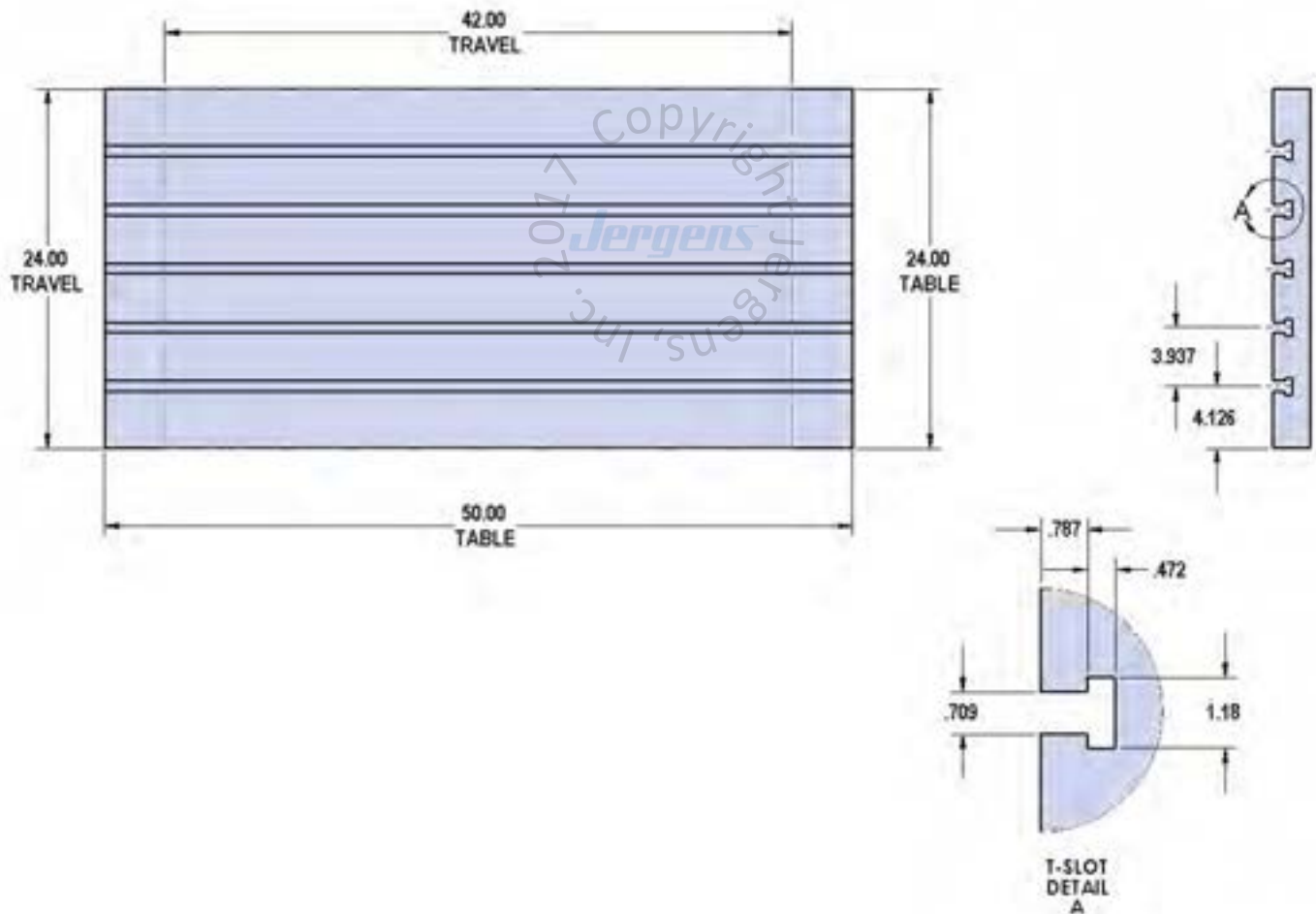
□ 49406 6" Vise Ball-Lock® base

VMX42i

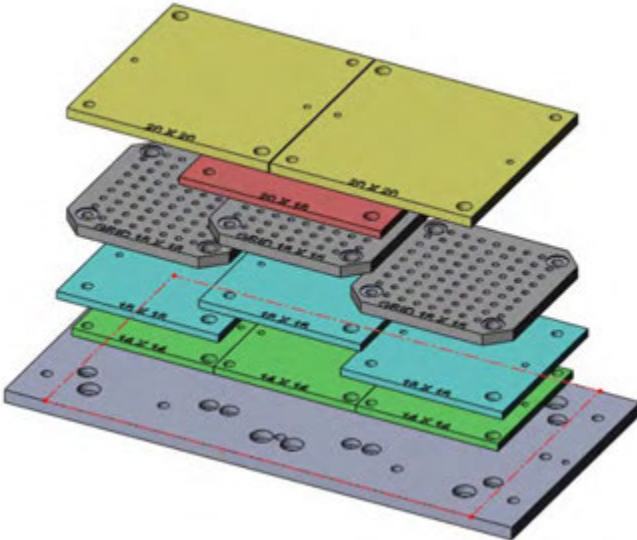


**Table Specifications**

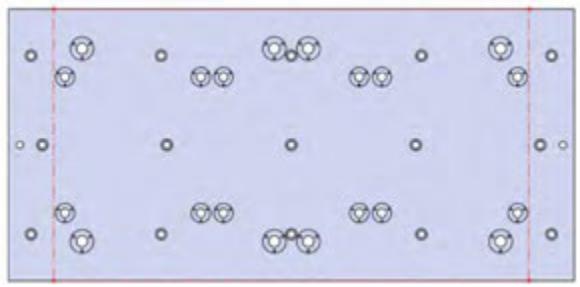
- Table Travel (X, Y, Z): 42" x 24" x 24"
- Table Dimensions (L x W): 50" x 24"
- Maximum Weight on Table: 3000 lbs
- T-Slot Width: .708" (18mm)
- T-Slot Center Distance: 3.937" (100mm)



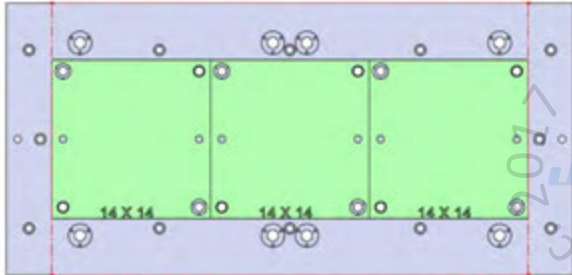
VMX42i-001



50 X 24 X 1.25

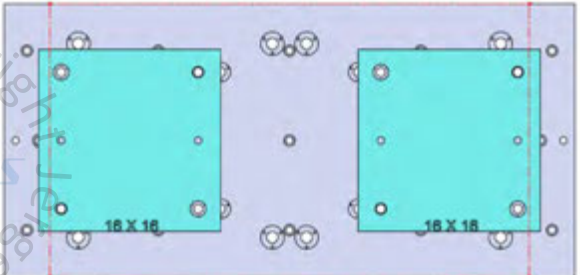


VMX42i-001



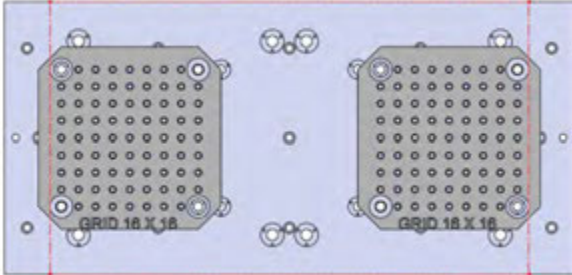
28713 Aluminum

28813 Steel

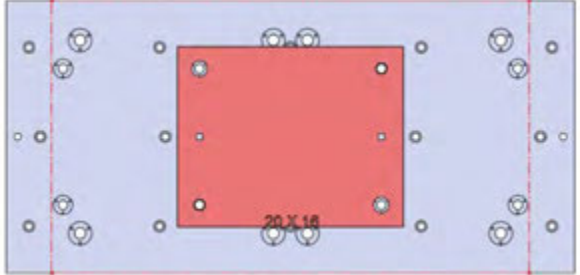


28715 Aluminum

28815 Steel

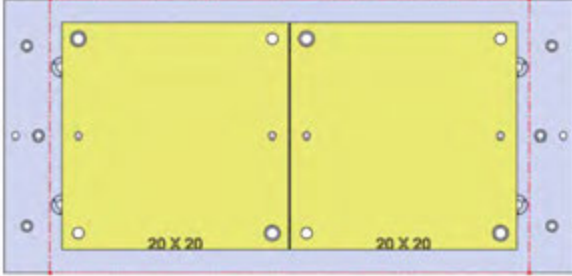


28801 Steel



28719 Aluminum

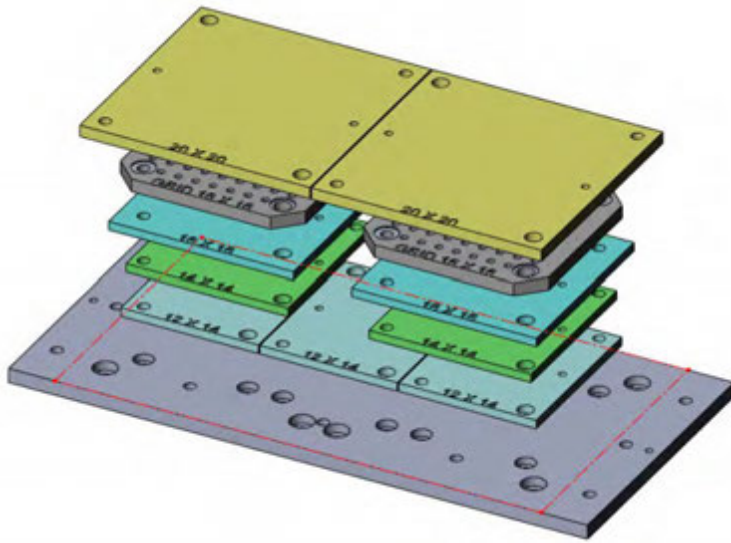
28819 Steel



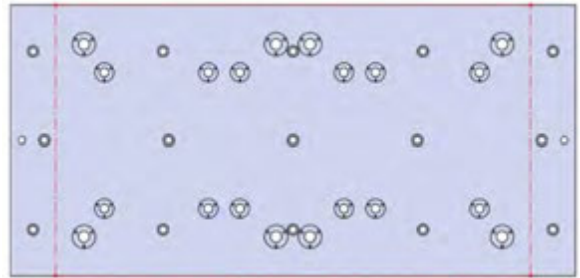
28727 Aluminum

28827 Steel

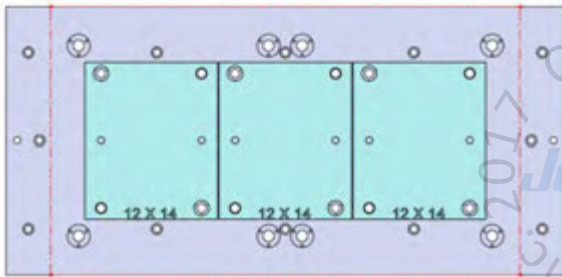
VMX42i-002



50 X 24 X 1.25

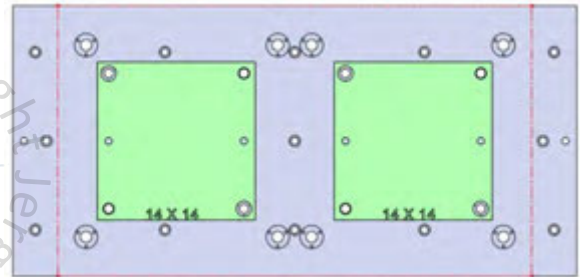


VMX42i-002



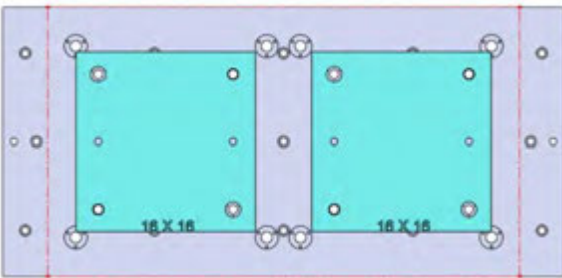
28711 Aluminum

28811 Steel



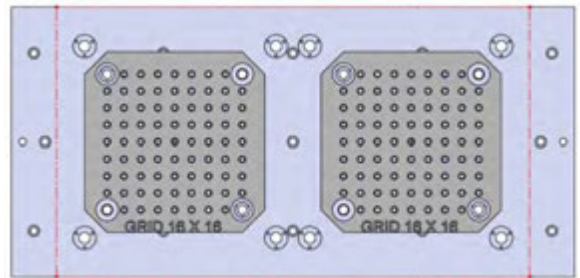
28713 Aluminum

28813 Steel

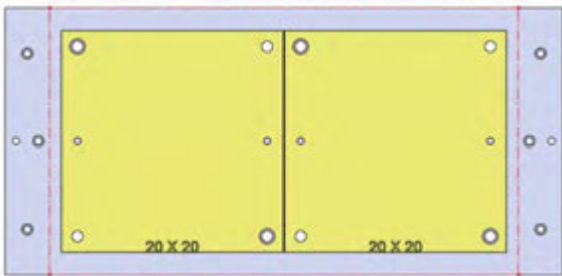


28715 Aluminum

28815 Steel



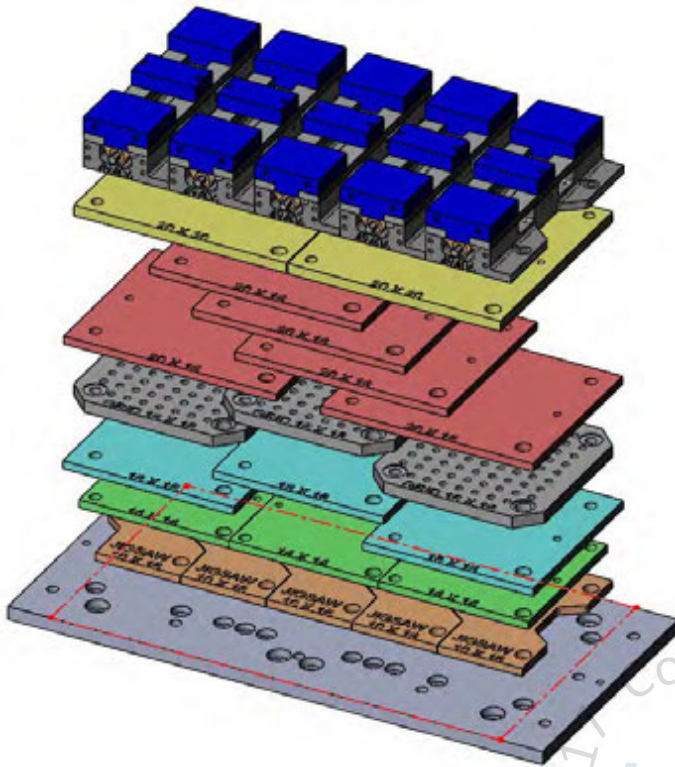
28801 Steel



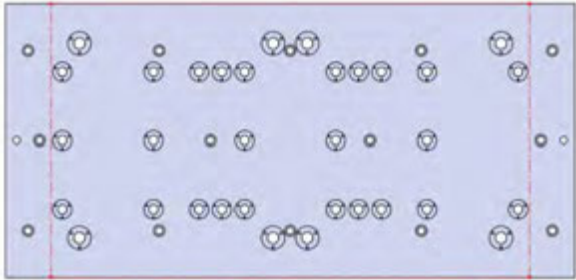
28727 Aluminum

28827 Steel

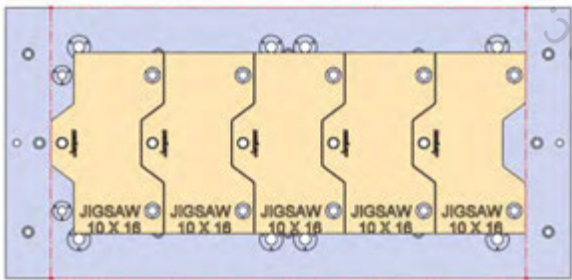
VMX42i-003



50 X 24 X 1.25

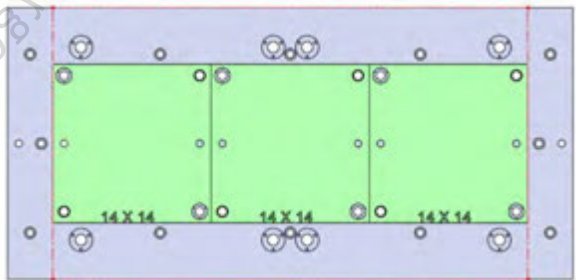


VMX42i-003



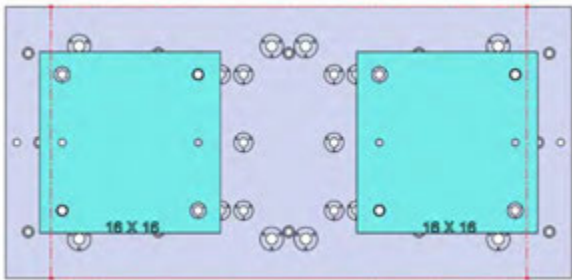
28706 Aluminum

28806 Steel



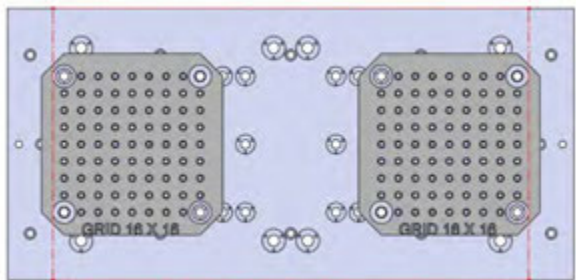
28713 Aluminum

28813 Steel



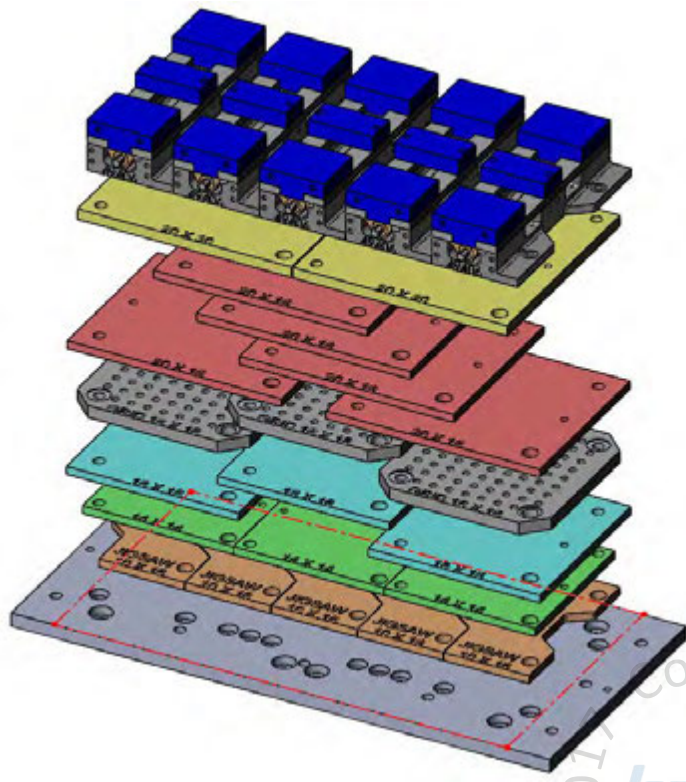
28715 Aluminum

28815 Steel

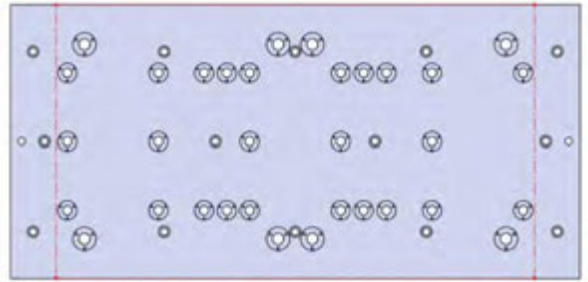


28801 Steel

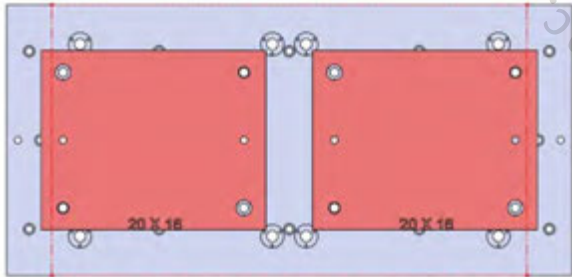
VMX42i-003(continued)



50 X 24 X 1.25

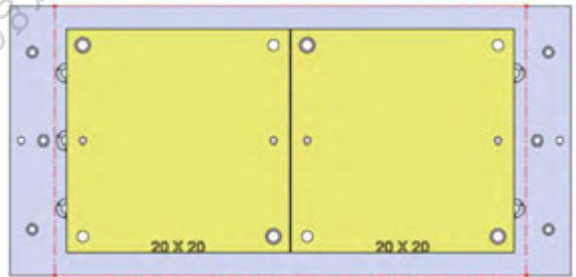


VMX42i-003



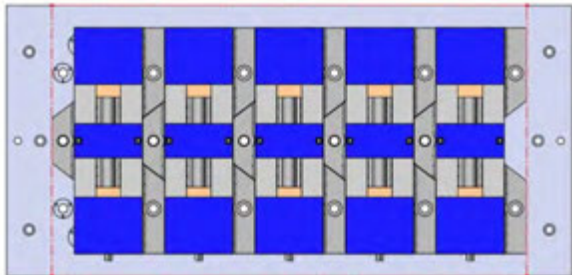
28719 Aluminum

28819 Steel



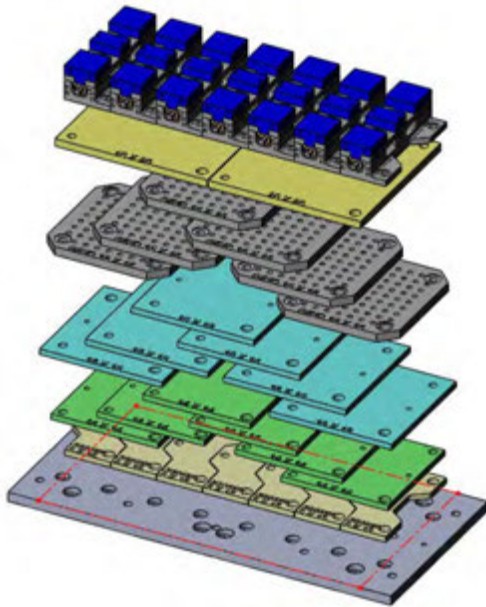
28727 Aluminum

28827 Steel

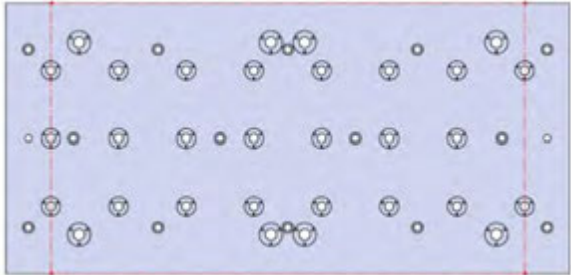


49406 6" Vise Ball-Lock® base

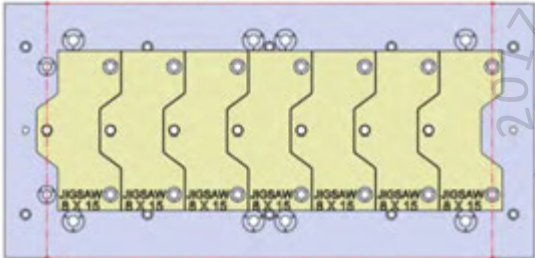
VMX42i-004



50 X 24 X 1.25

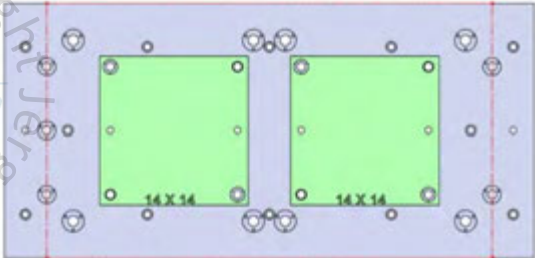


□ VMX42i-004



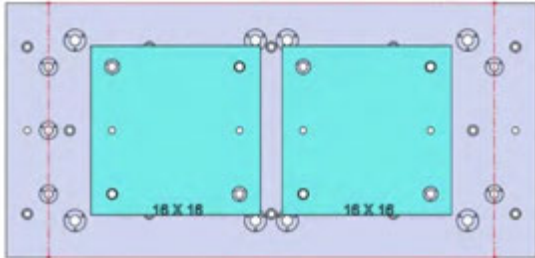
□ 28705 Aluminum

□ 28805 Steel



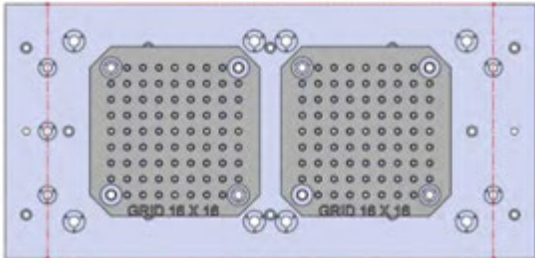
□ 28713 Aluminum

□ 28813 Steel

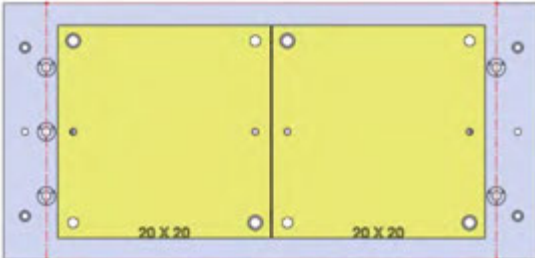


□ 28715 Aluminum

□ 28815 Steel

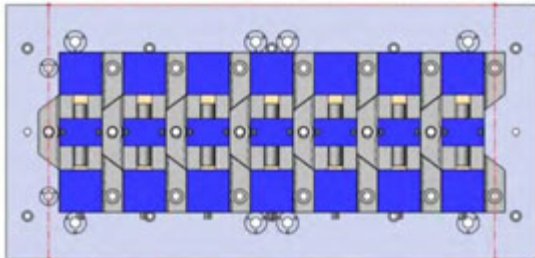


□ 28801 Steel



□ 28727 Aluminum

□ 28827 Steel

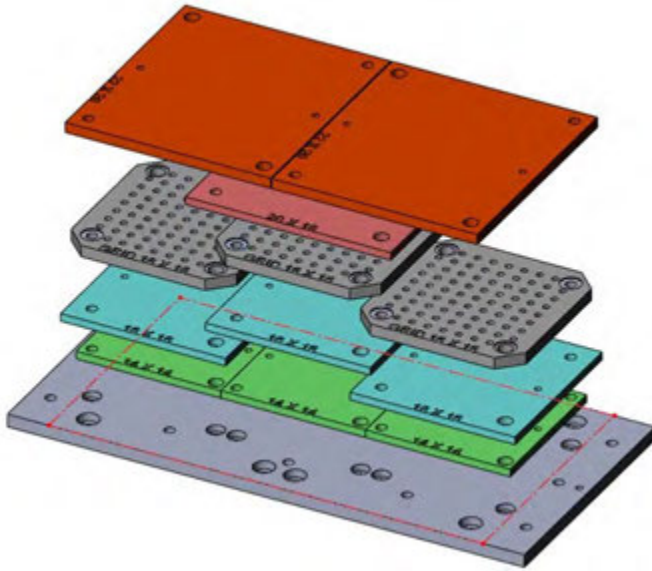


□ 49405 4" Vise Ball-Lock® base

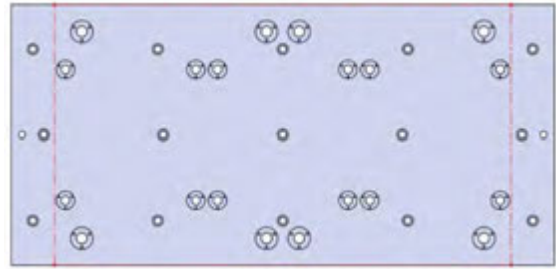
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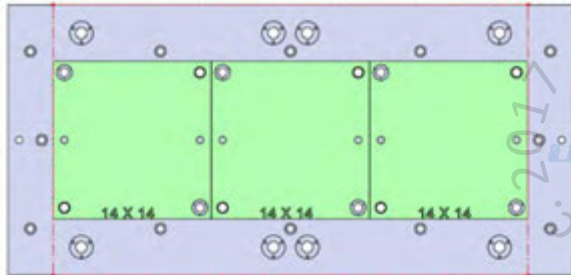
VMX42i-005



50 X 24 X 1.25

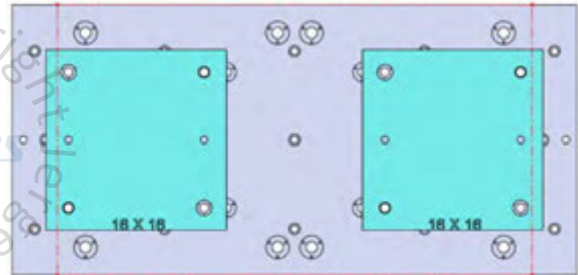


VMX42i-005



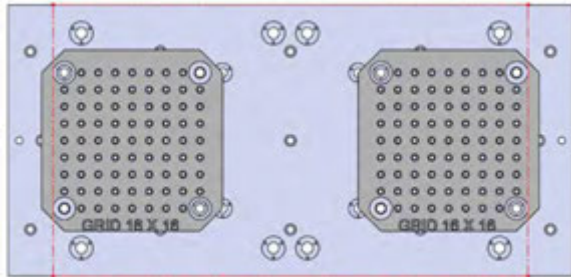
28713 Aluminum

28813 Steel

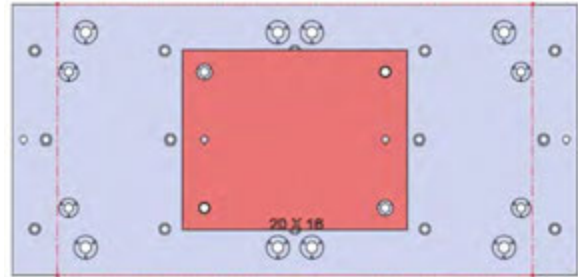


28715 Aluminum

28815 Steel

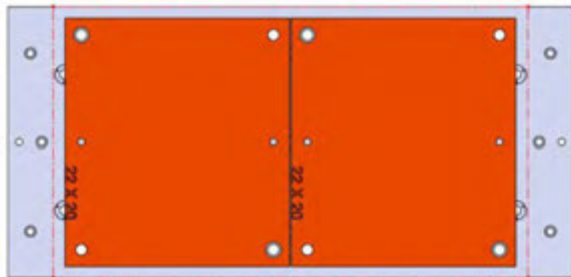


28801 Steel



28719 Aluminum

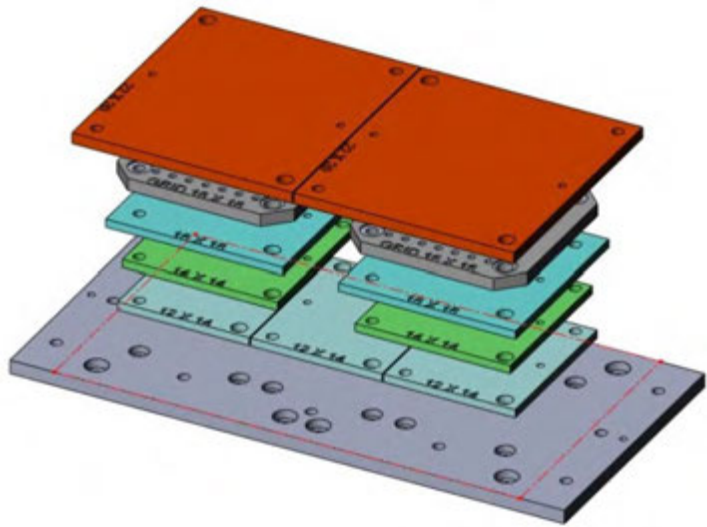
28819 Steel



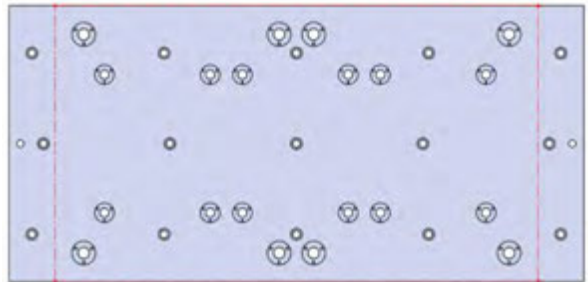
28745 Aluminum

28845 Steel

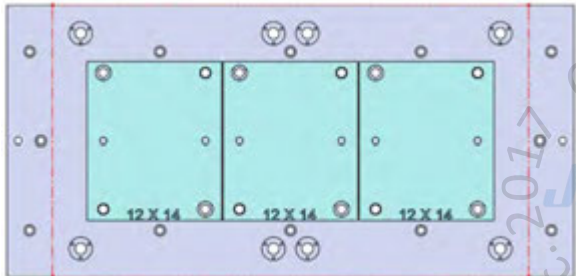
VMX42i-006



50 X 24 X 1.25

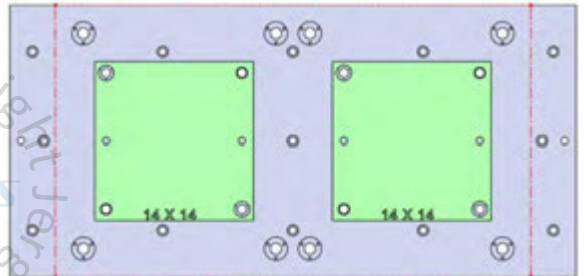


VMX42i-006



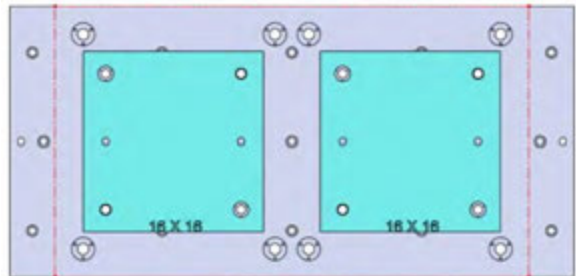
28711 Aluminum

28811 Steel



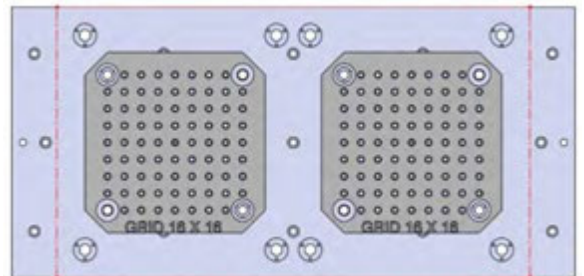
28713 Aluminum

28813 Steel



28715 Aluminum

28815 Steel



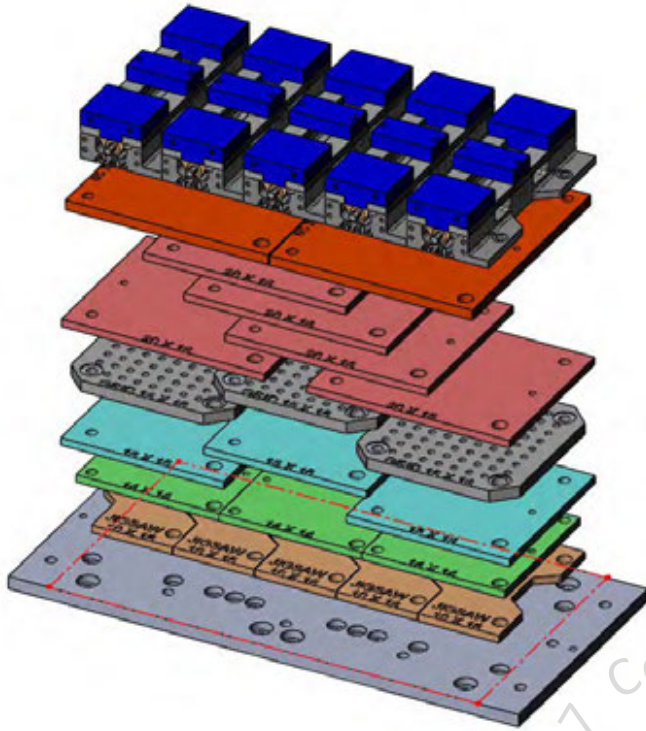
28801 Steel



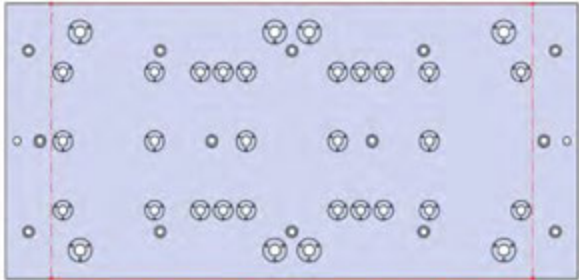
28745 Aluminum

28845 Steel

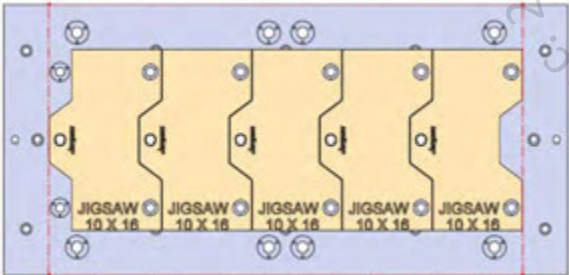
VMX42i-007



50 X 24 X 1.25

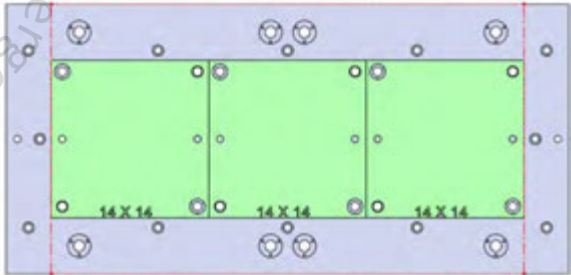


VMX42i-007



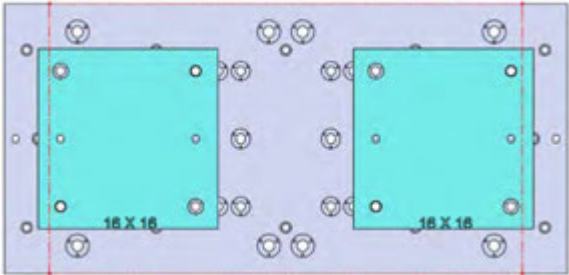
28706 Aluminum

28806 Steel



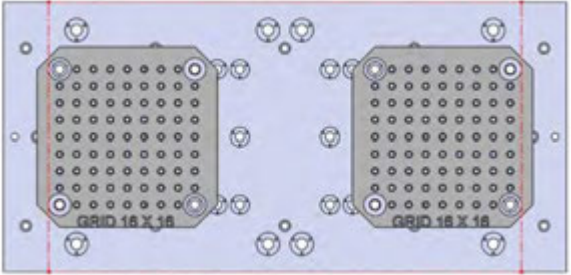
28713 Aluminum

28813 Steel



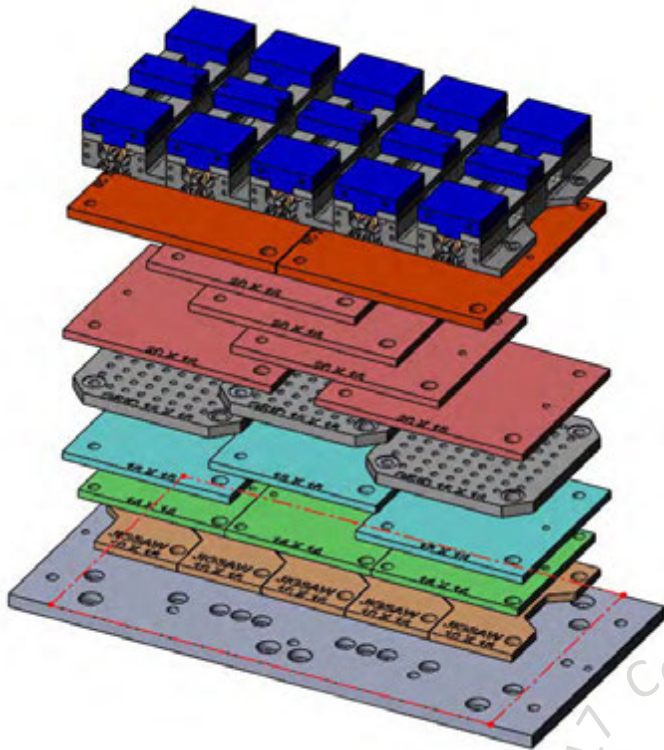
28715 Aluminum

28815 Steel

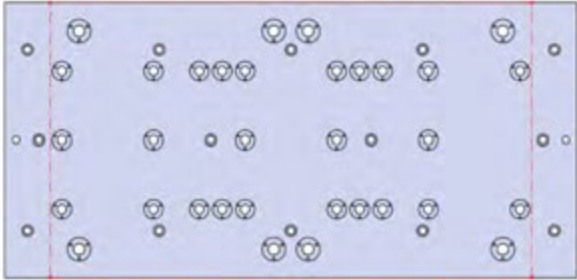


28801 Steel

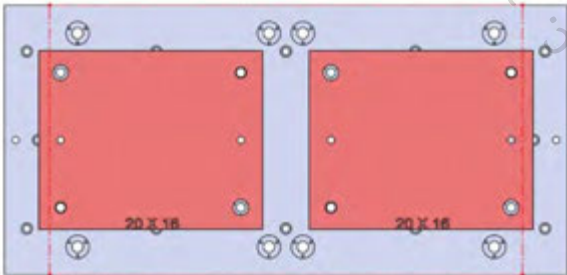
VMX42i-007(continued)



50 X 24 X 1.25



VMX42i-007



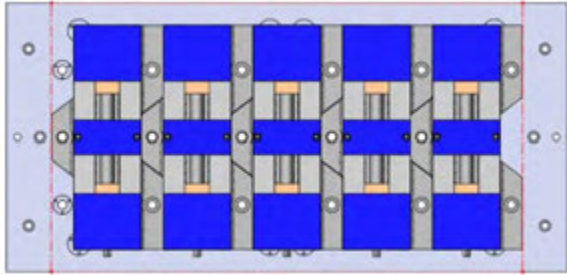
28719 Aluminum

28819 Steel



28745 Aluminum

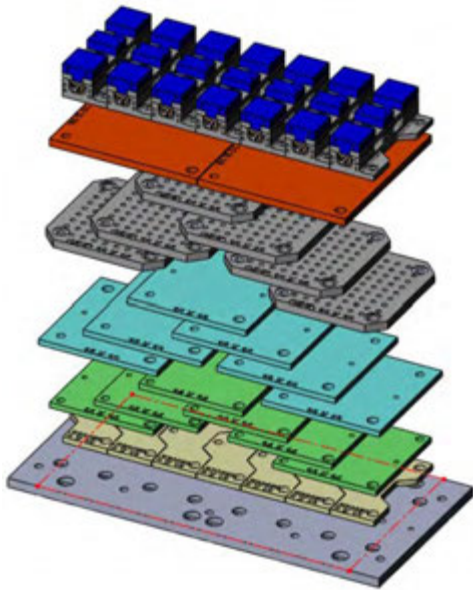
28845 Steel



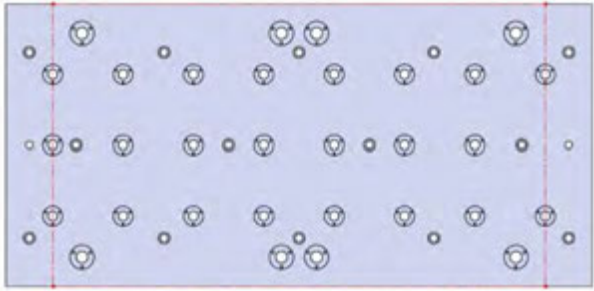
49406 6" Vise Ball-Lock® base

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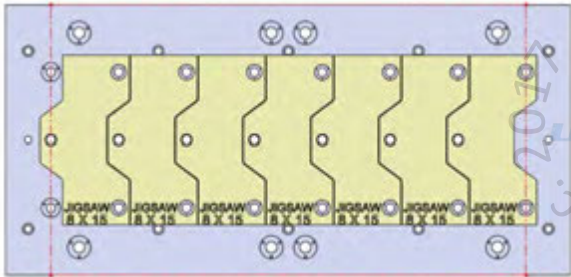
VMX42i-008



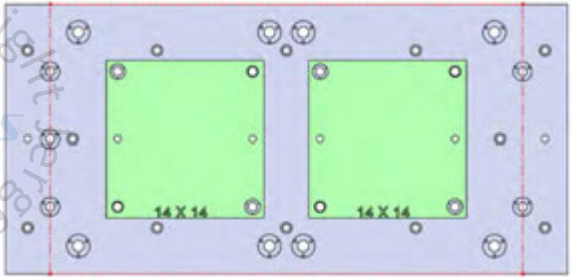
50 X 24 X 1.25



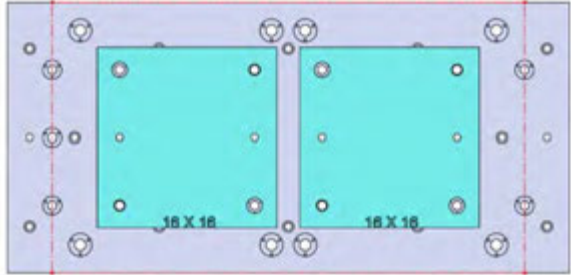
□ VMX42i-008



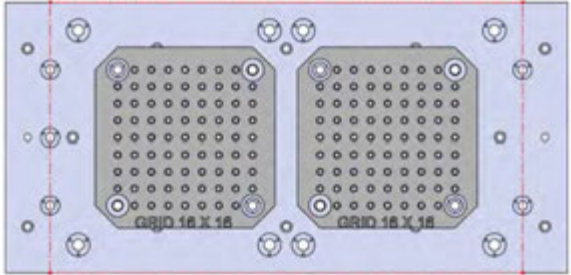
□ 28705 Aluminum      □ 28805 Steel



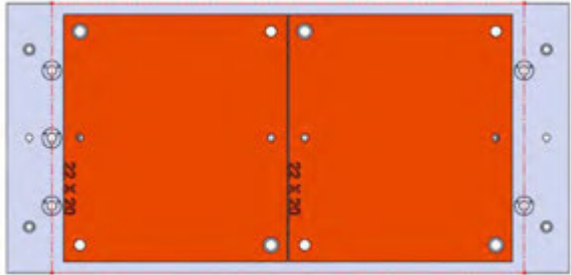
□ 28713 Aluminum      □ 28813 Steel



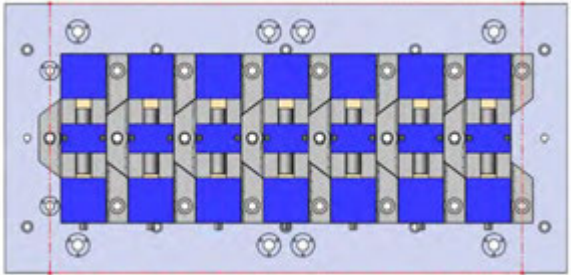
□ 28715 Aluminum      □ 28815 Steel



□ 28801 Steel



□ 28745 Aluminum      □ 28845 Steel



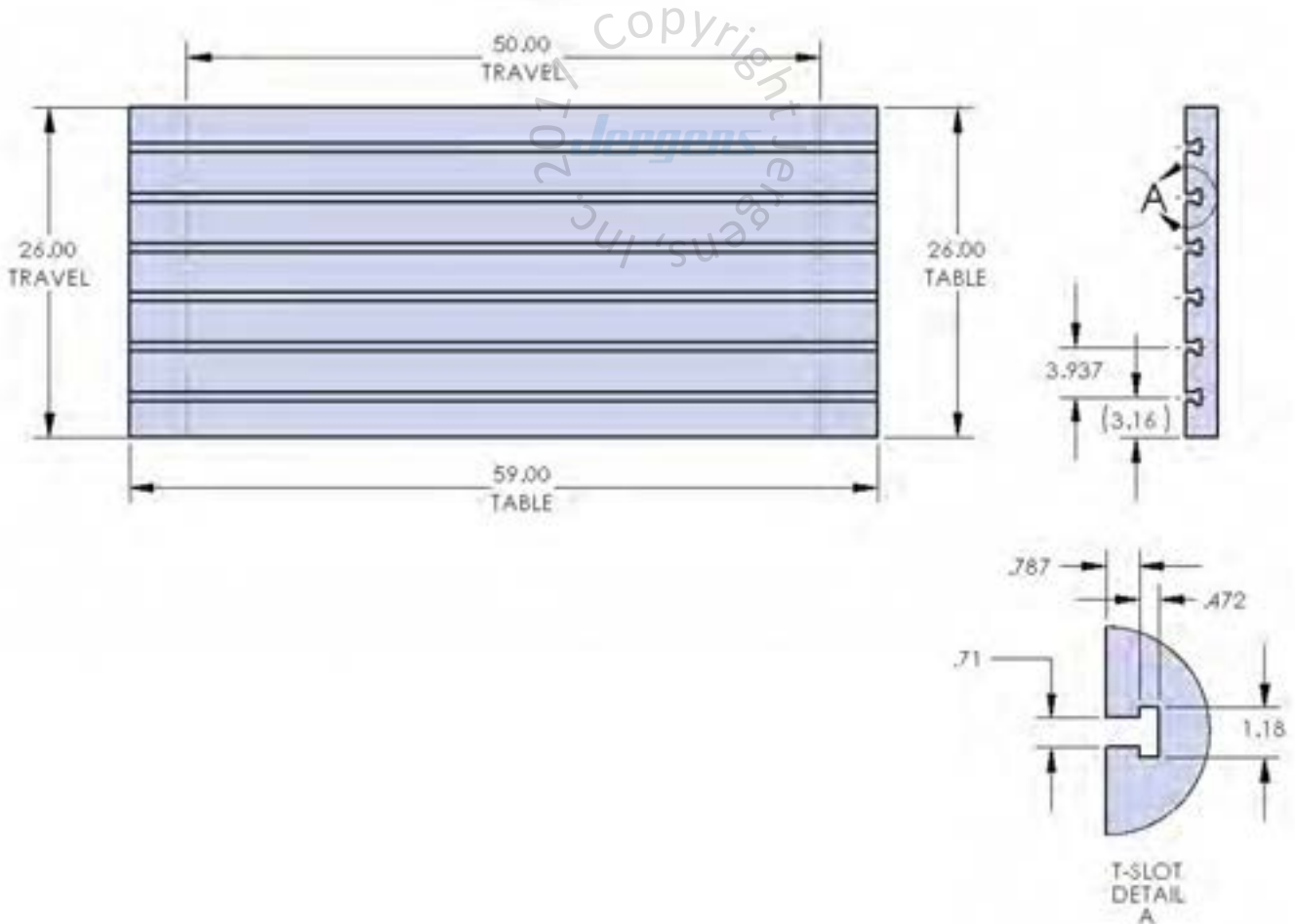
□ 49405 4" Vise Ball-Lock base

VMX50i

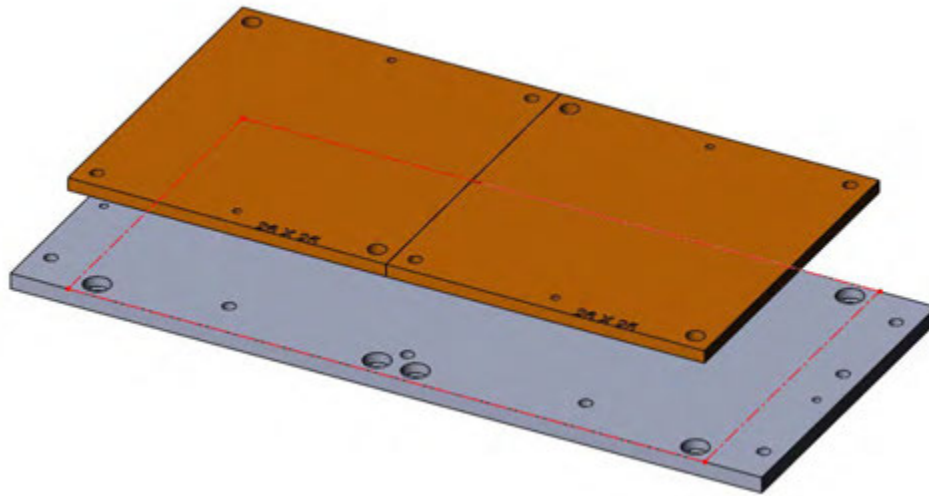


**Table Specifications**

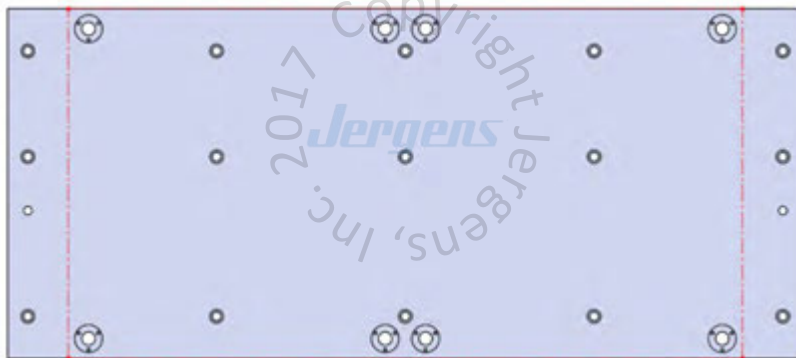
- Table Travel (X, Y, Z): 50" x 26"
- Table Dimensions (L x W): 59" x 26"
- Maximum Weight on Table: 3000 lbs
- T-Slot Width: .708" (18mm)
- T-Slot Center Distance: 3.937" (100mm)



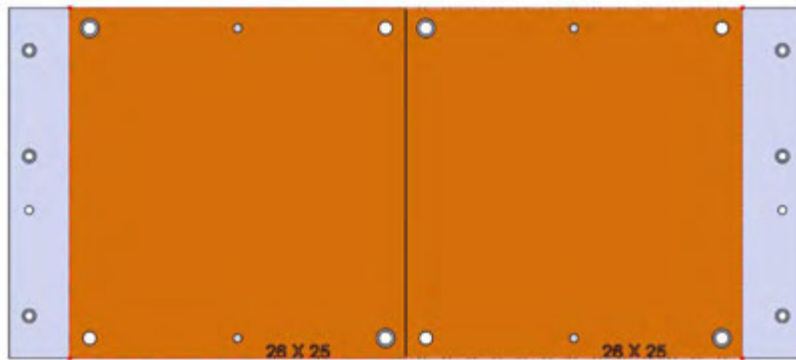
VMX50i-001



59 X 26 X 1.25



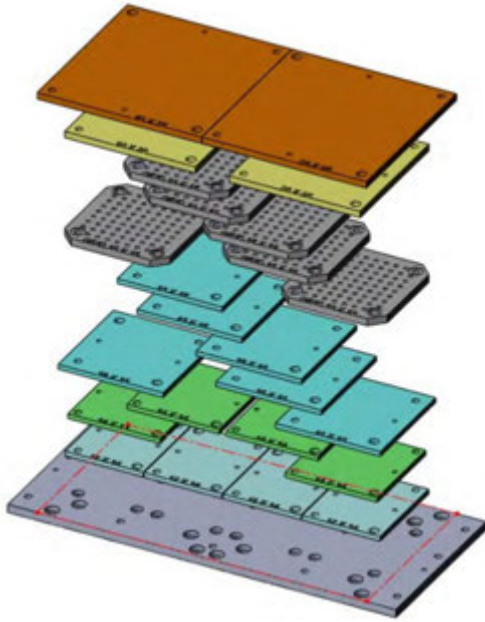
VMX50i-001



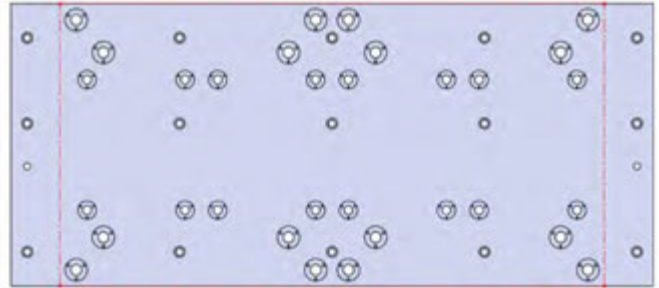
28746 Aluminum

28846 Steel

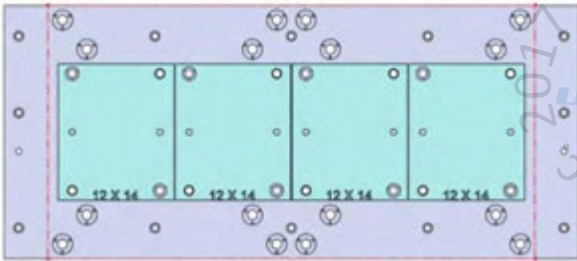
VMX50i-002



59 X 26 X 1.25

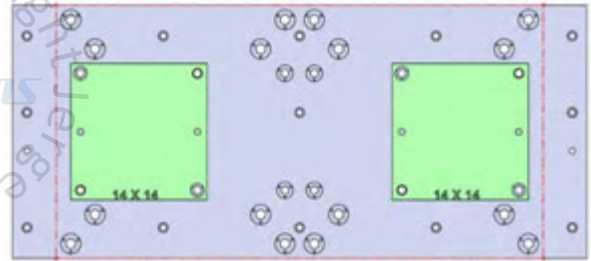


VMX50i-002



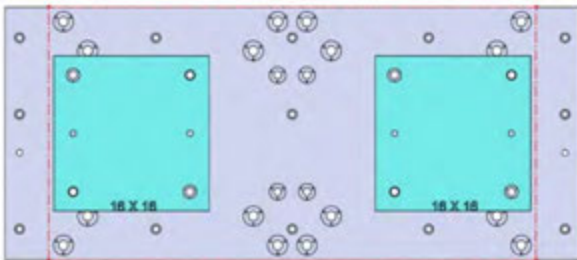
28711 Aluminum

28811 Steel



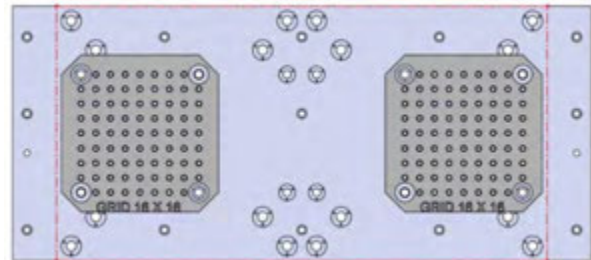
28713 Aluminum

28813 Steel

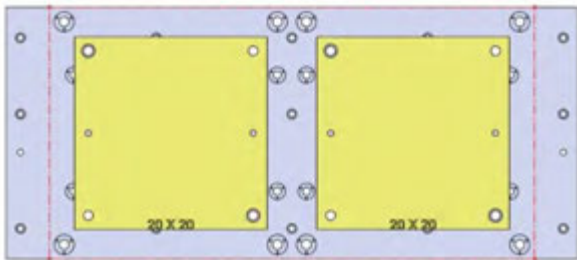


28715 Aluminum

28815 Steel

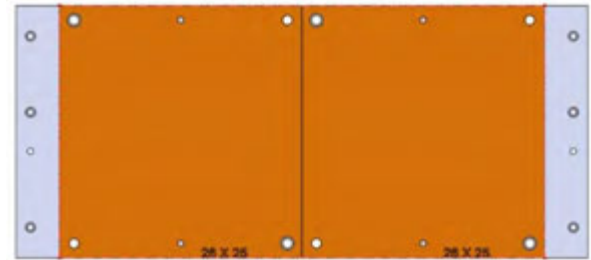


28801 Steel



28727 Aluminum

28827 Steel

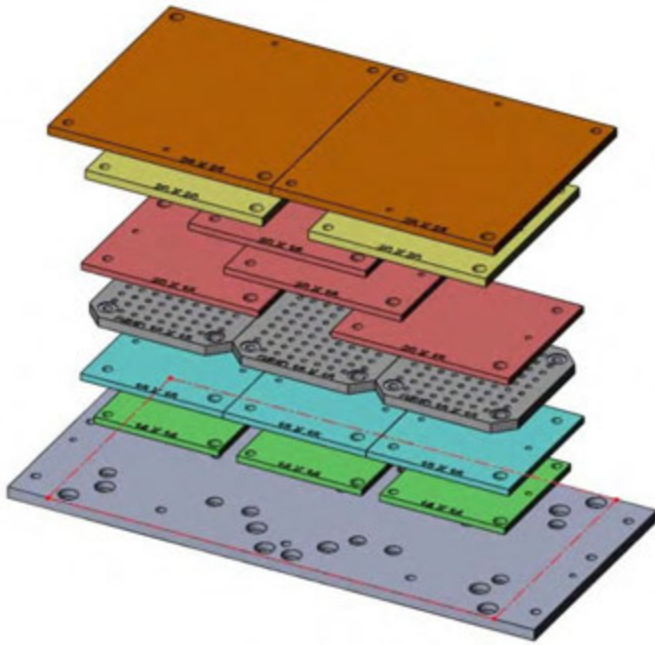


28746 Aluminum

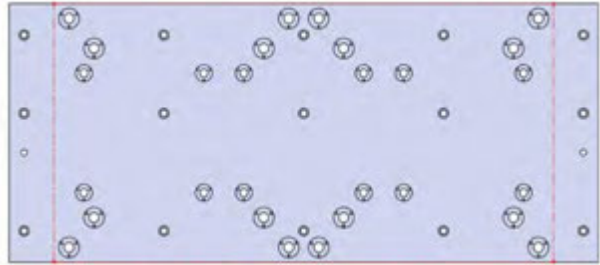
28846 Steel



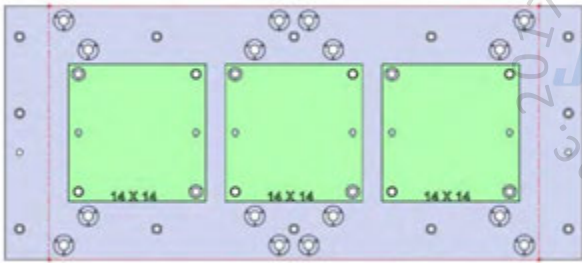
VMX50i-003



59 X 26 X 1.25

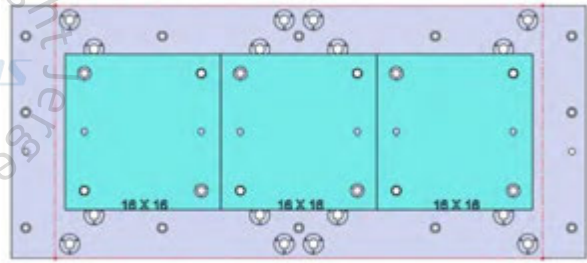


VMX50i-003



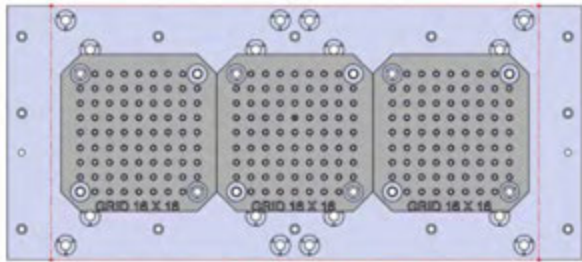
28713 Aluminum

28813 Steel

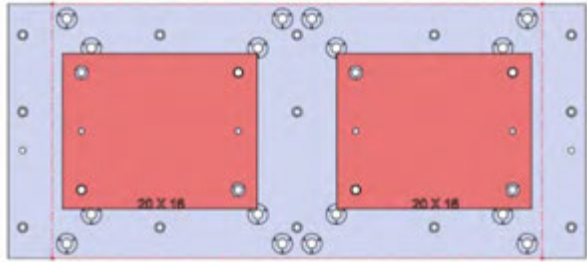


28715 Aluminum

28815 Steel

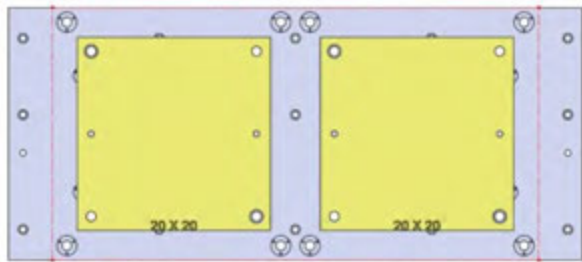


28801 Steel



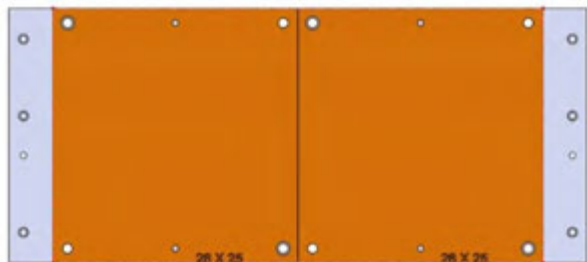
28719 Aluminum

28819 Steel



28727 Aluminum

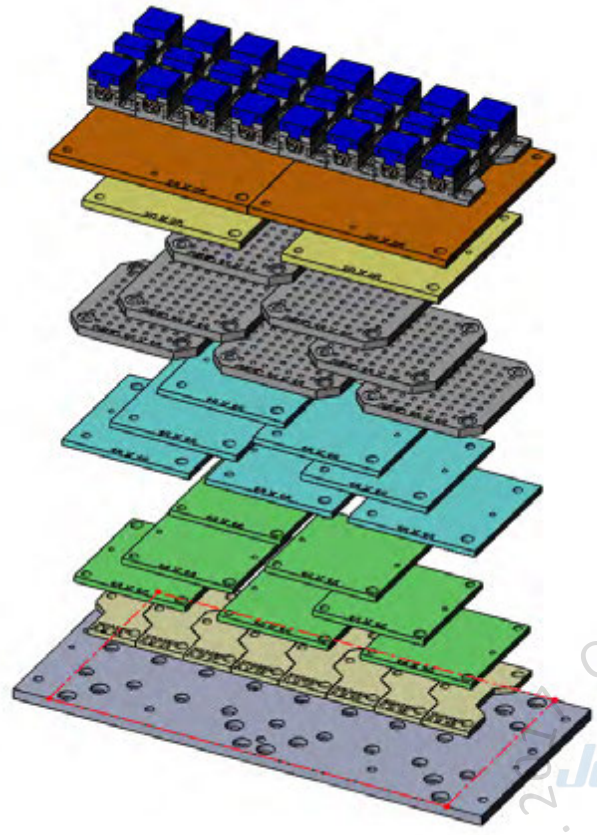
28827 Steel



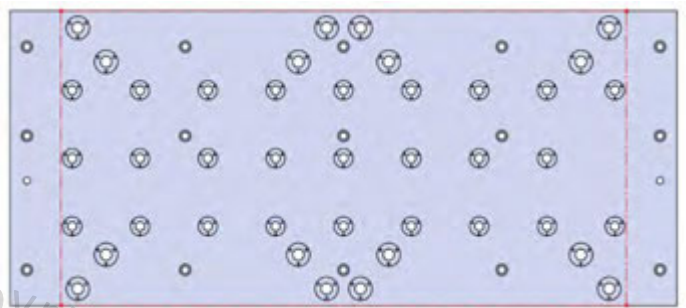
28746 Aluminum

28846 Steel

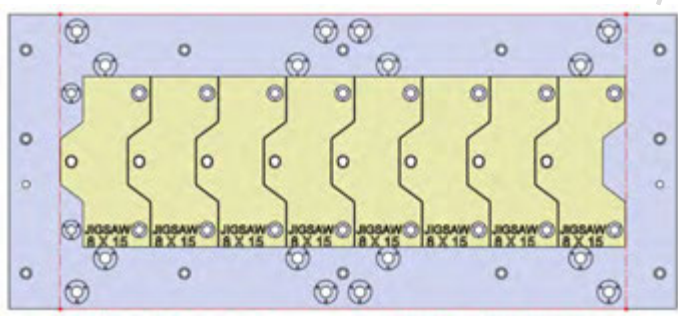
VMX50i-004



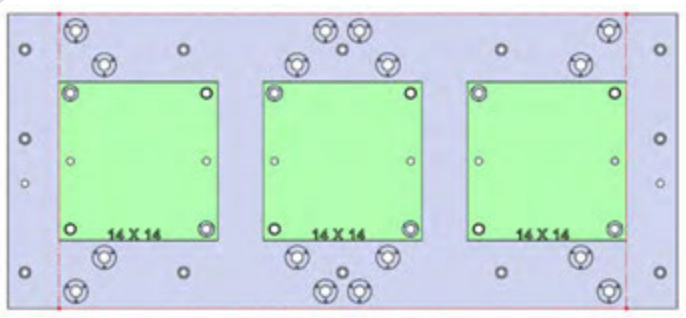
59 X 26 X 1.25



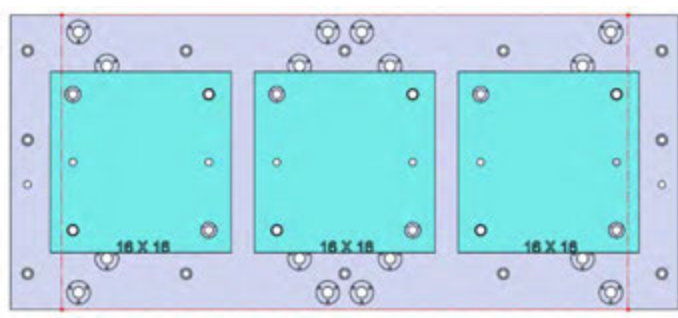
VMX50i-004



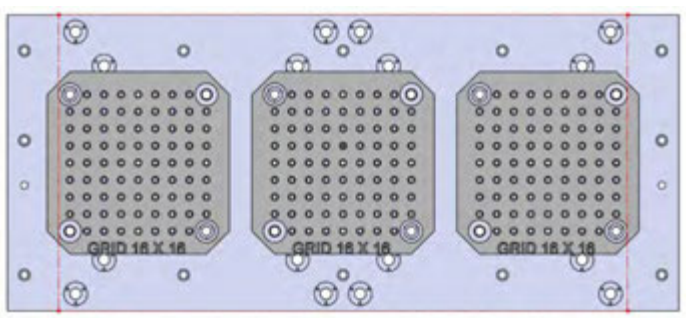
28705 Aluminum       28805 Steel



28713 Aluminum       28813 Steel

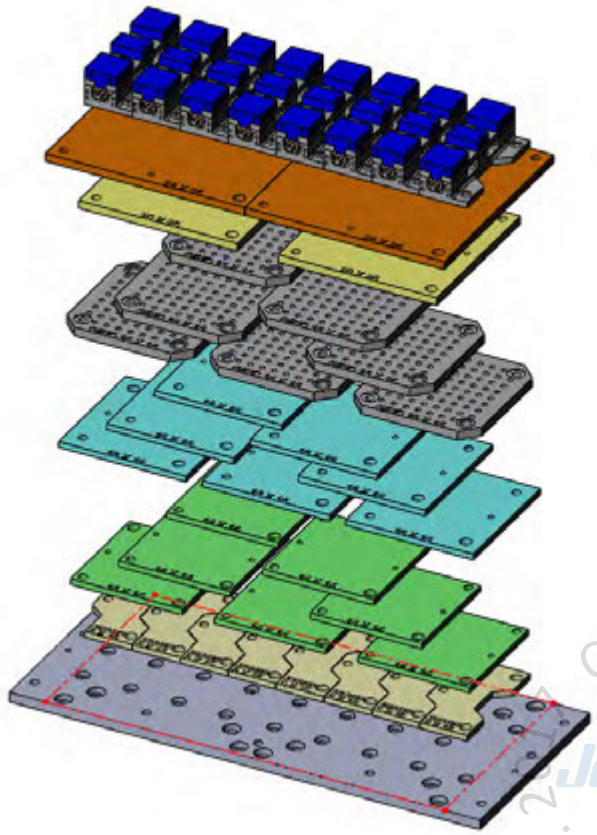


28715 Aluminum       28815 Steel

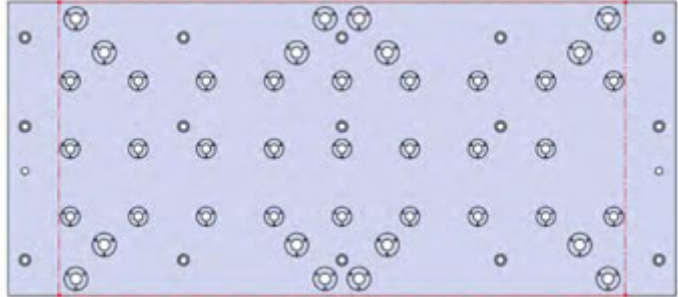


28801 Steel

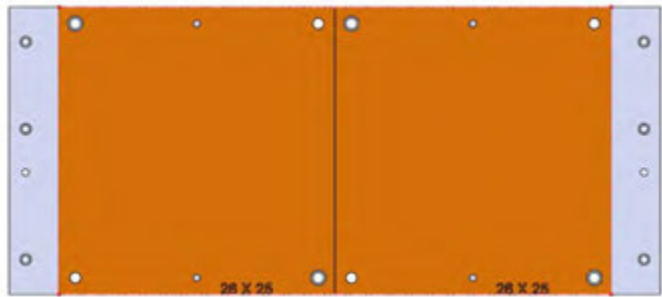
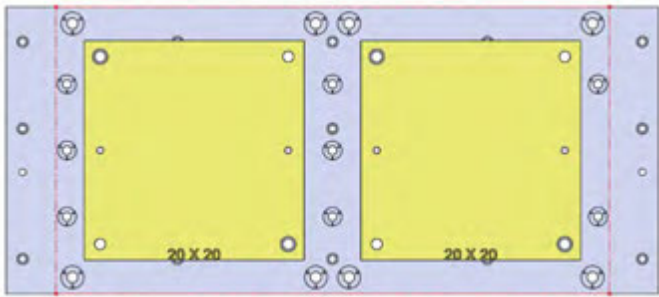
VMX50i-004(continued)



59 X 26 X 1.25



□ VMX50i-004

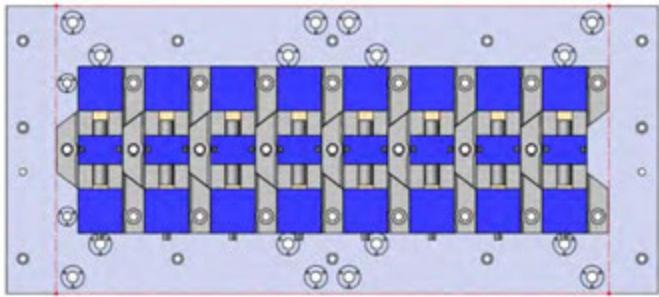


□ 28727 Aluminum

□ 28827 Steel

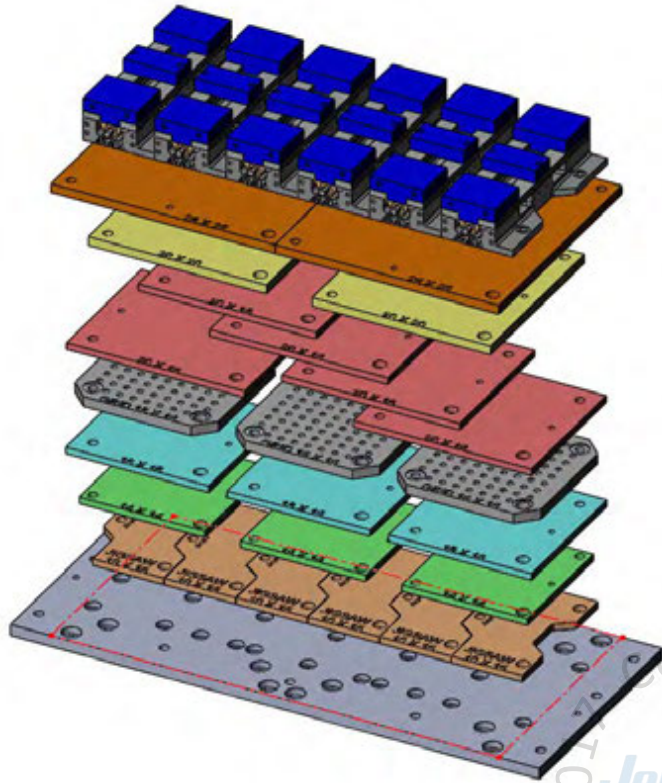
□ 28746 Aluminum

□ 28846 Steel

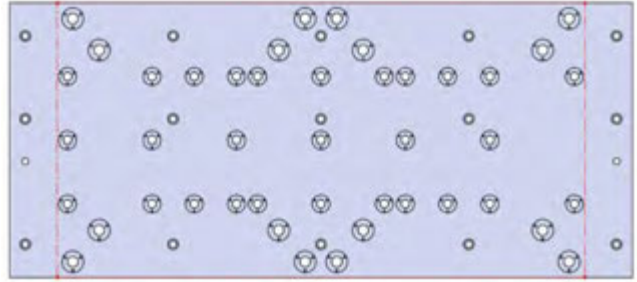


□ 49405 4" Vise Ball-Lock® base

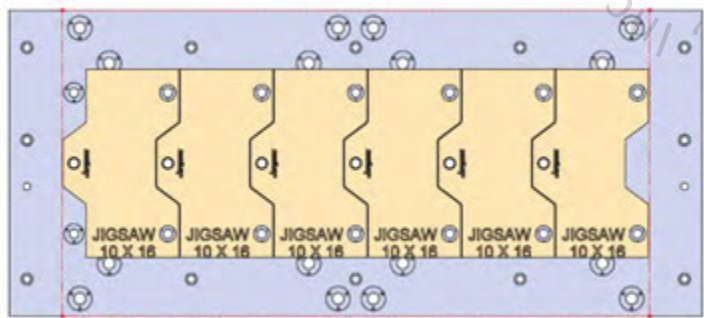
VMX50i-005



59 X 26 X 1.25

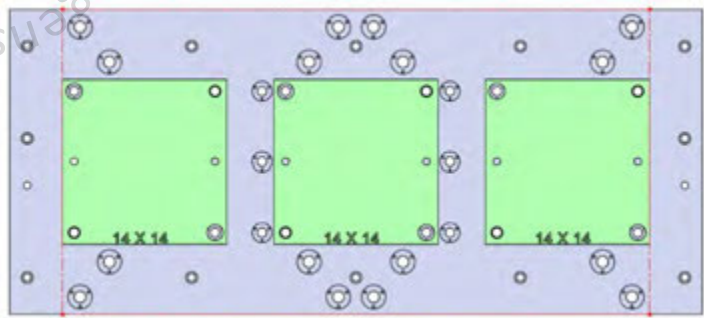


VMX50i-005



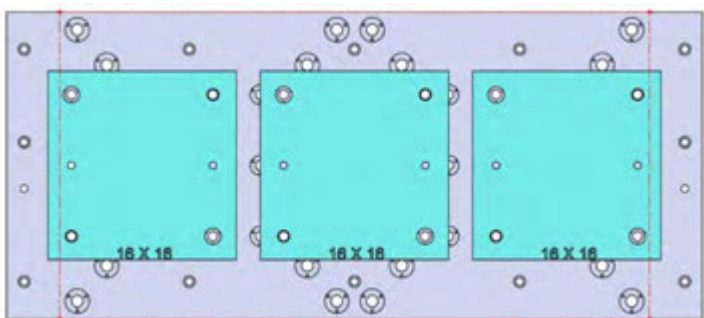
28706 Aluminum

28806 Steel



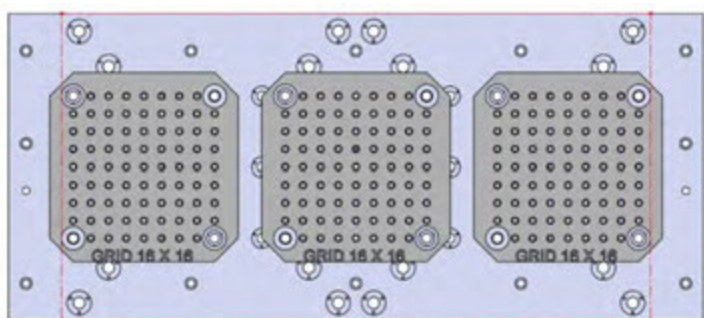
28713 Aluminum

28813 Steel



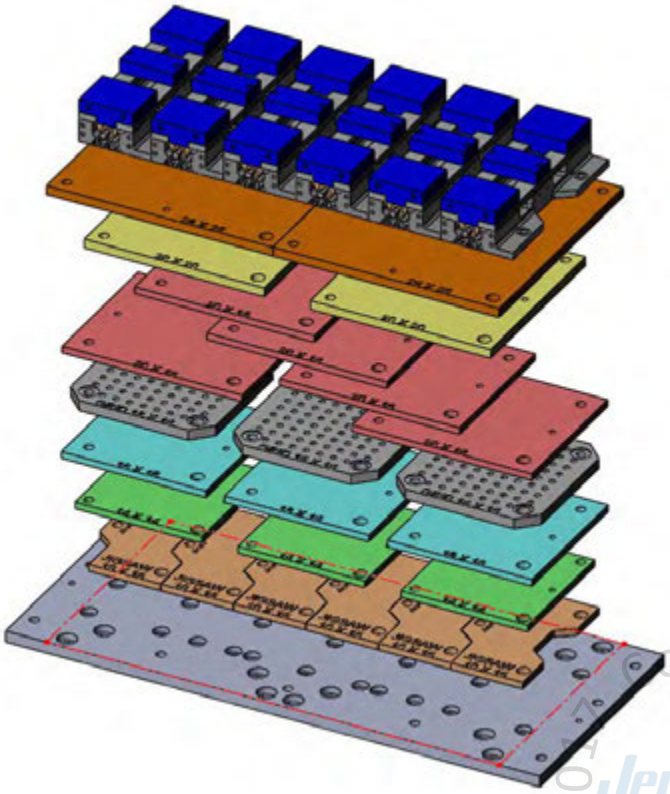
28715 Aluminum

28815 Steel

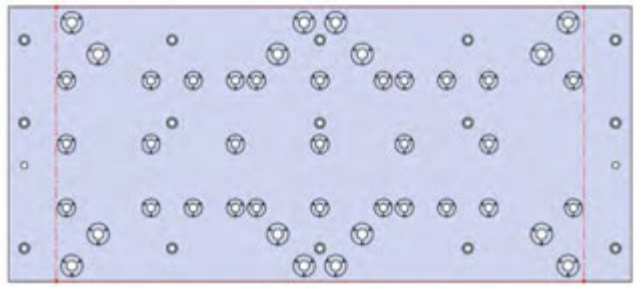


28801 Steel

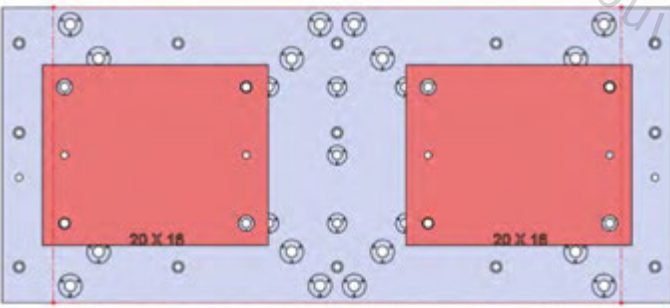
VMX50i-005(continued)



59 X 26 X 1.25

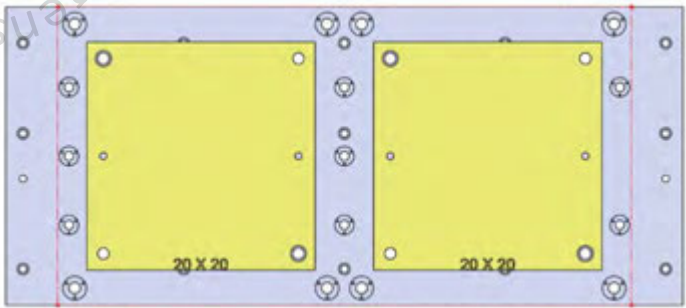


VMX50i-005



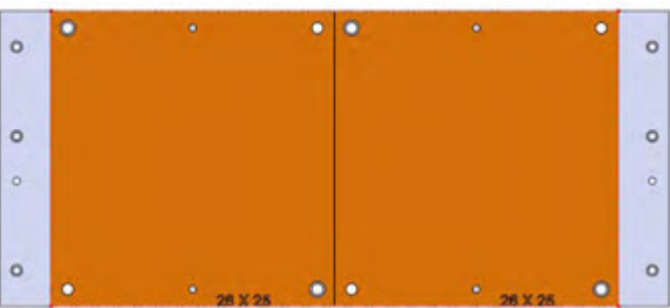
28719 Aluminum

28819 Steel



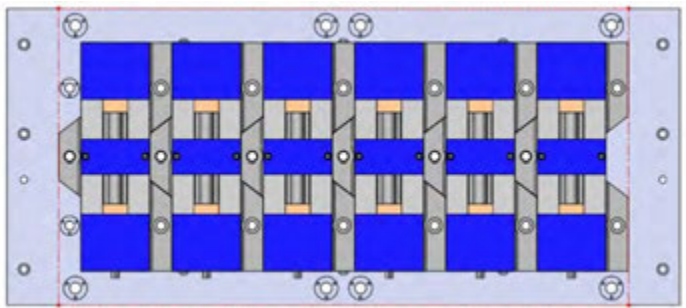
28727 Aluminum

28827 Steel



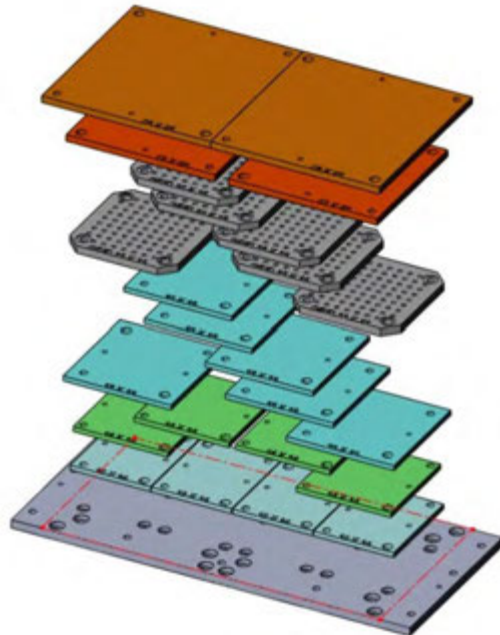
28746 Aluminum

28846 Steel

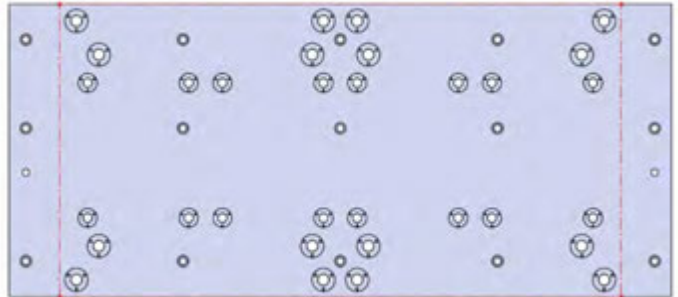


49406 6" Vise Ball-Lock® base

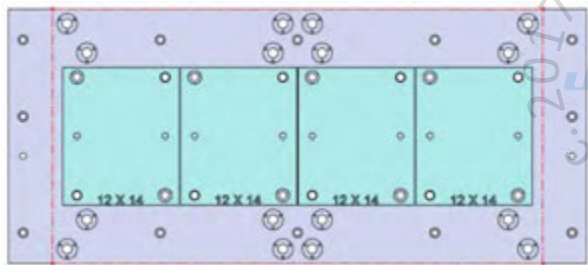
VMX50i-006



59 X 26 X 1.25

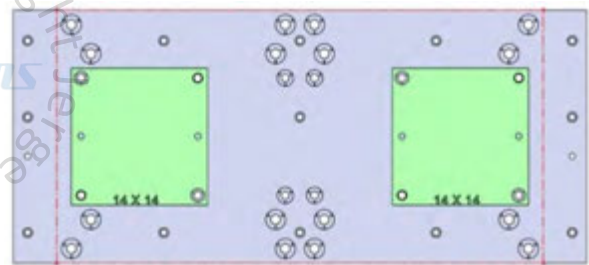


□ VMX50i-006



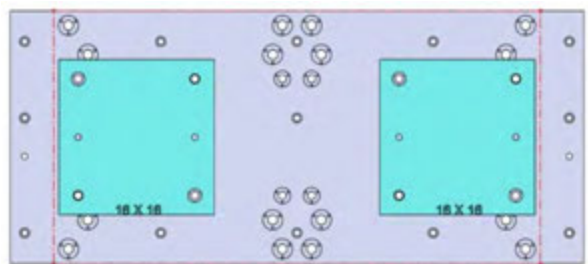
□ 28711 Aluminum

□ 28811 Steel



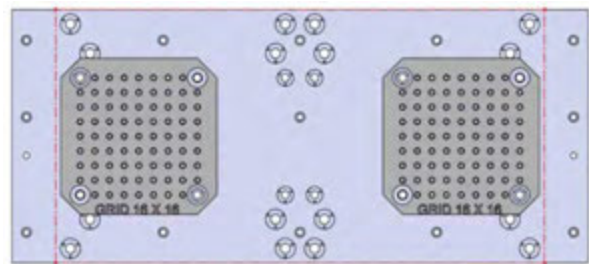
□ 28713 Aluminum

□ 28813 Steel

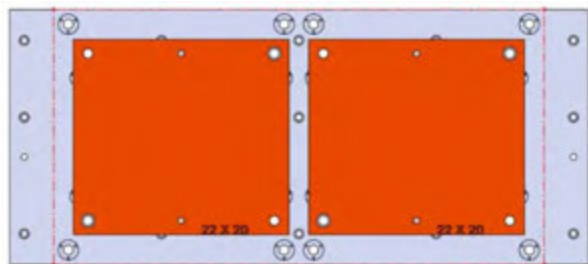


□ 28715 Aluminum

□ 28815 Steel

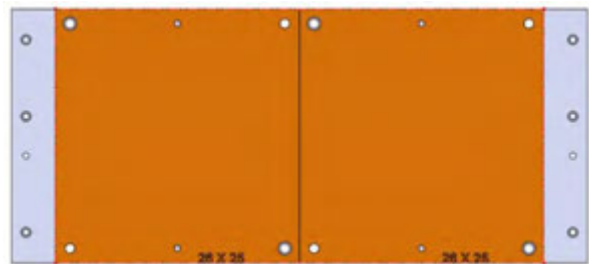


□ 28801 Steel



□ 28745 Aluminum

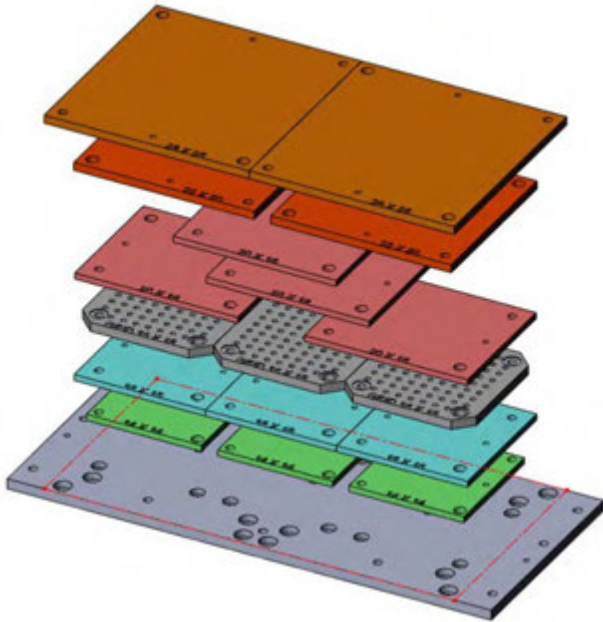
□ 28845 Steel



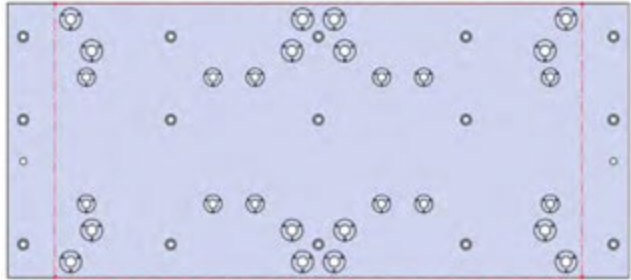
□ 28746 Aluminum

□ 28846 Steel

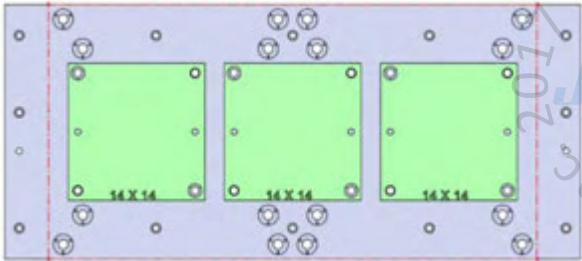
VMX50i-007



59 X 26 X 1.25

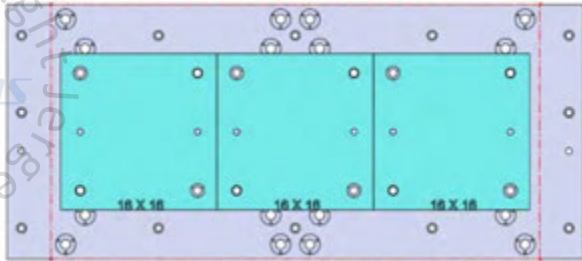


VMX50i-007



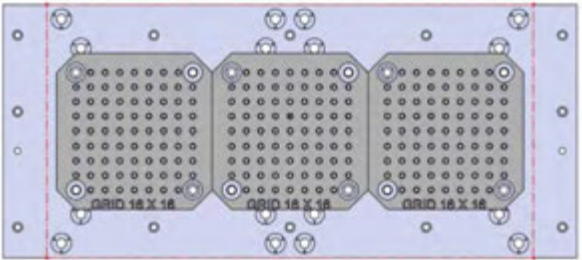
28713 Aluminum

28813 Steel

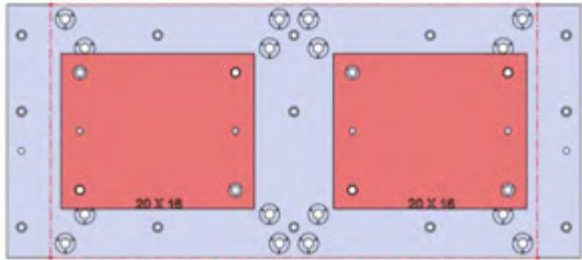


28715 Aluminum

28815 Steel

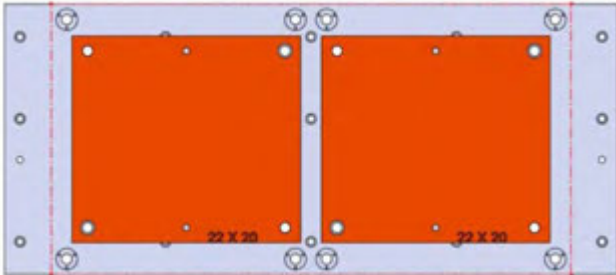


28801 Steel



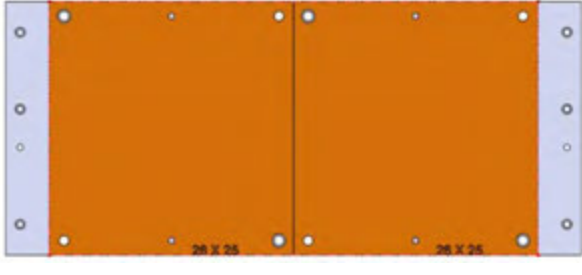
28719 Aluminum

28819 Steel



28745 Aluminum

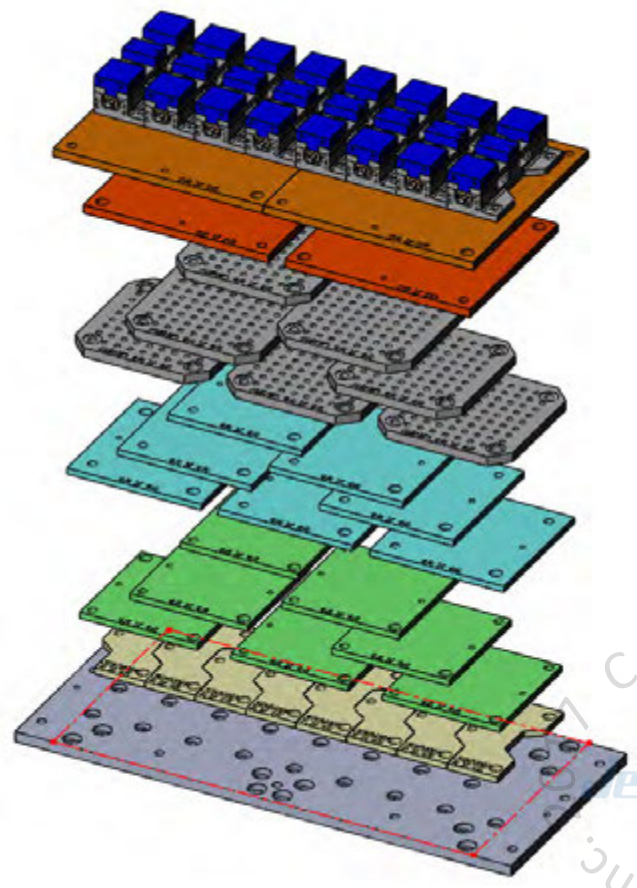
28845 Steel



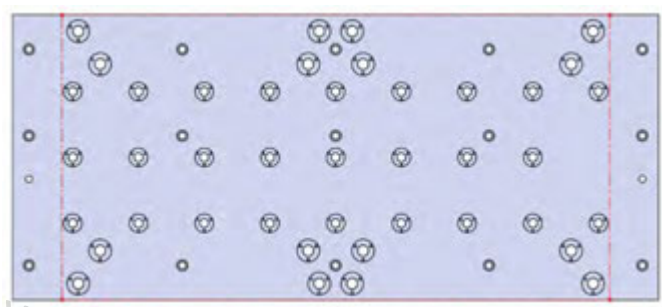
28746 Aluminum

28846 Steel

VMX50i-008

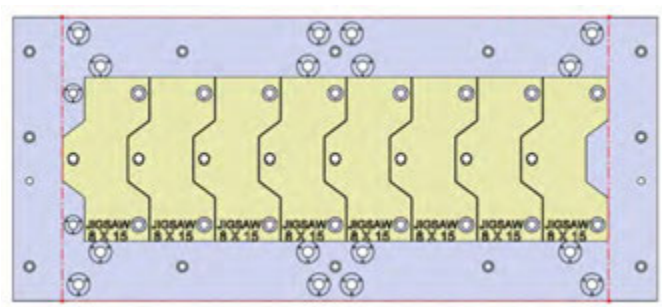


59 X 26 X 1.25

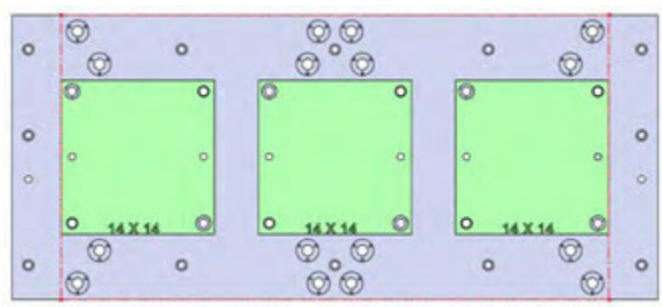


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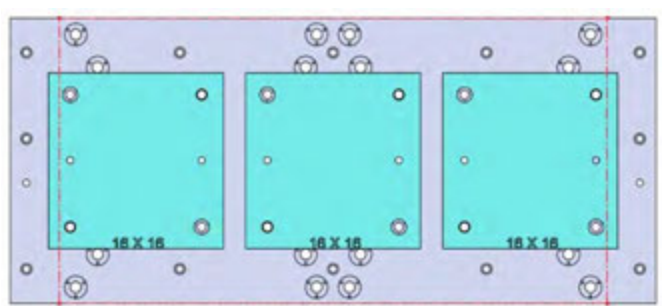
VMX50i-008



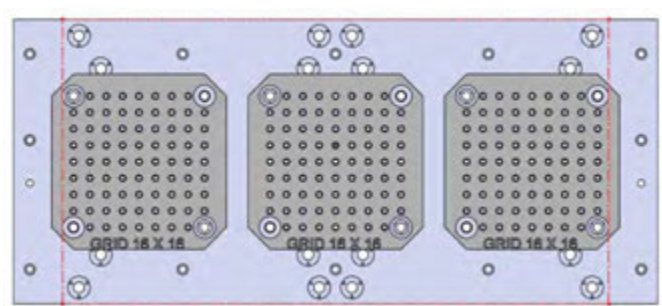
28705 Aluminum       28805 Steel



28713 Aluminum       28813 Steel



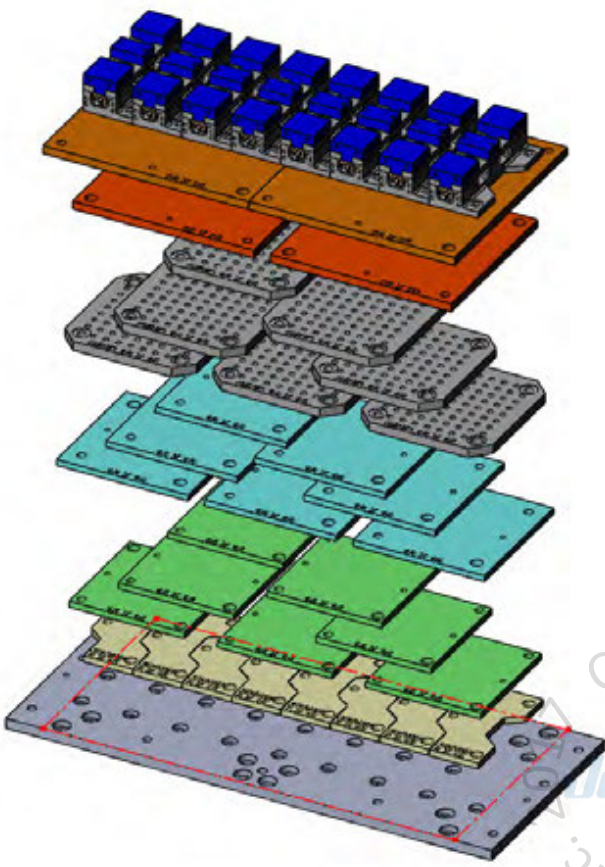
28715 Aluminum       28815 Steel



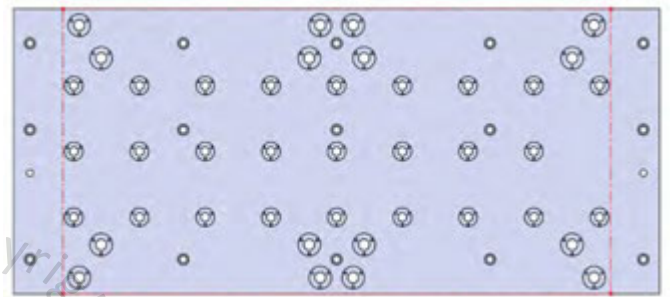
28801 Steel



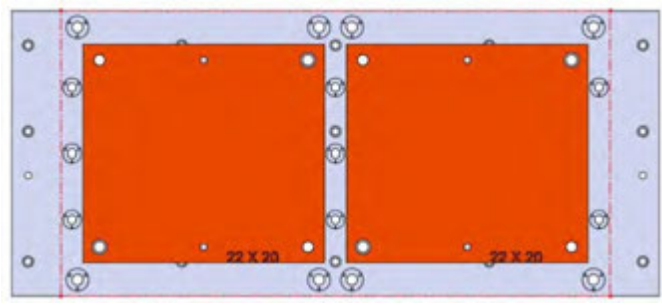
VMX50i-008(continued)



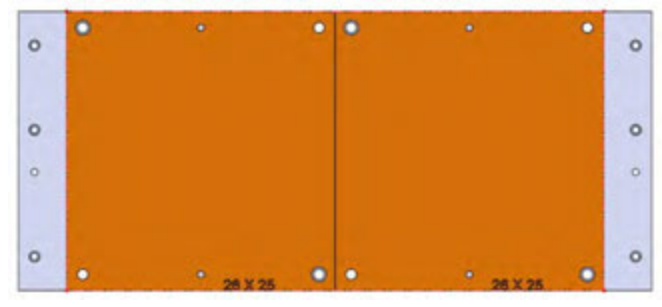
59 X 26 X 1.25



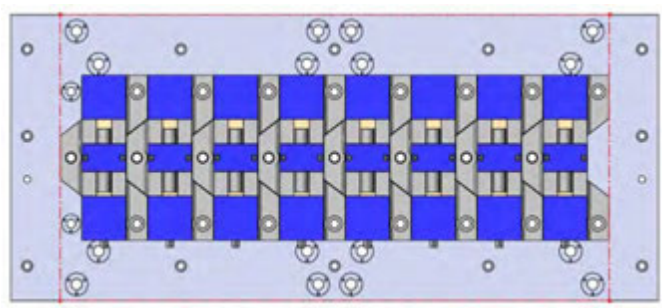
□ VMX50i-008



□ 28745 Aluminum      □ 28845 Steel

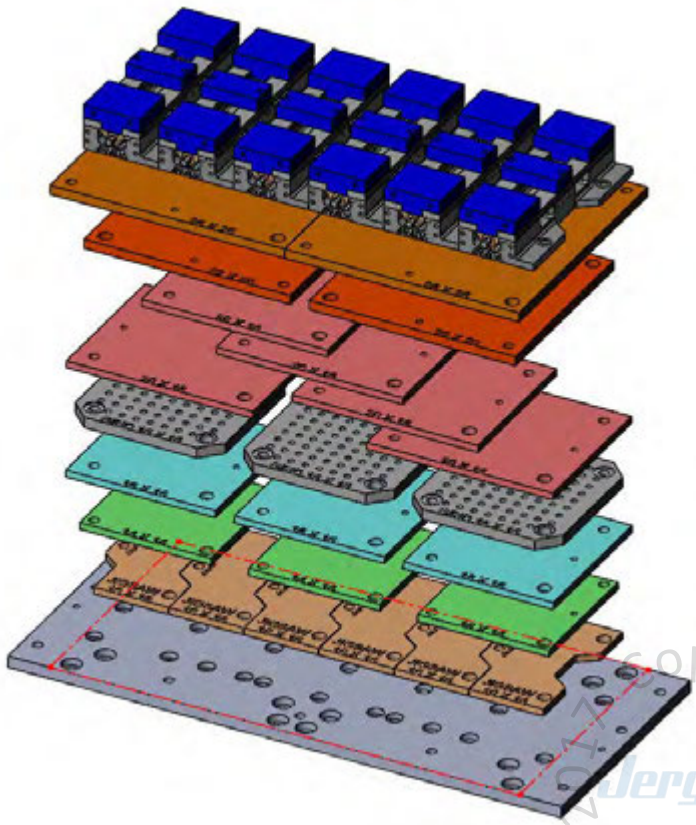


□ 28746 Aluminum      □ 28846 Steel

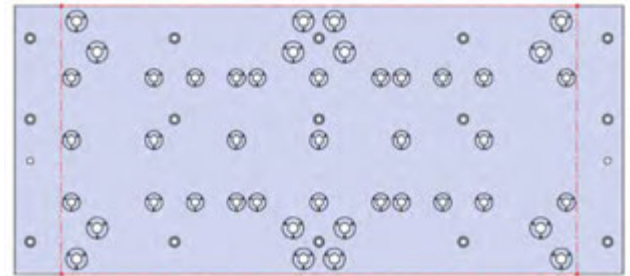


□ 49405 4" Vise Ball-Lock® base

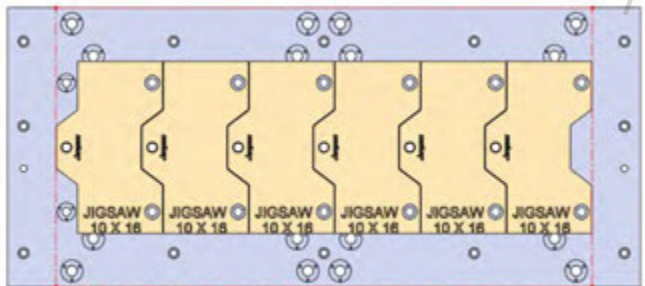
VMX50i-009



59 X 26 X 1.25

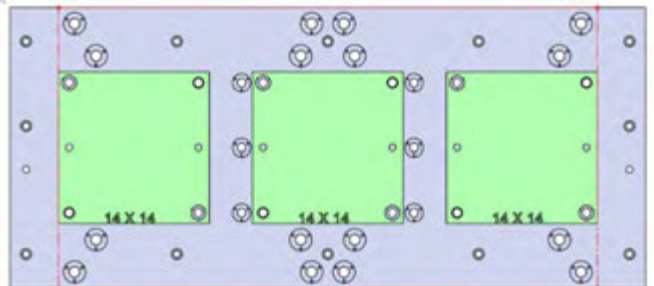


□ VMX50i-009



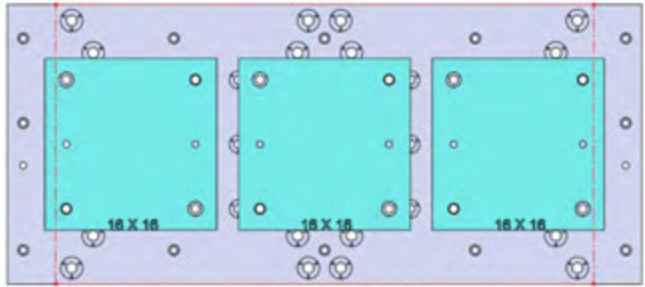
□ 28706 Aluminum

□ 28806 Steel



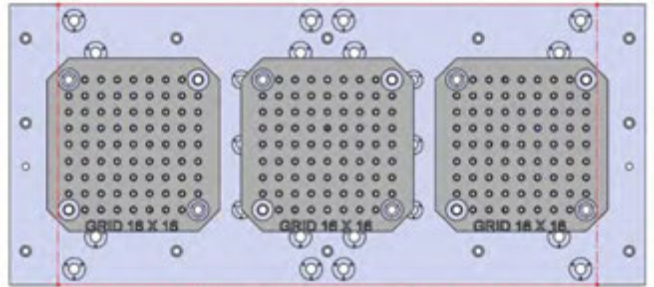
□ 28713 Aluminum

□ 28813 Steel



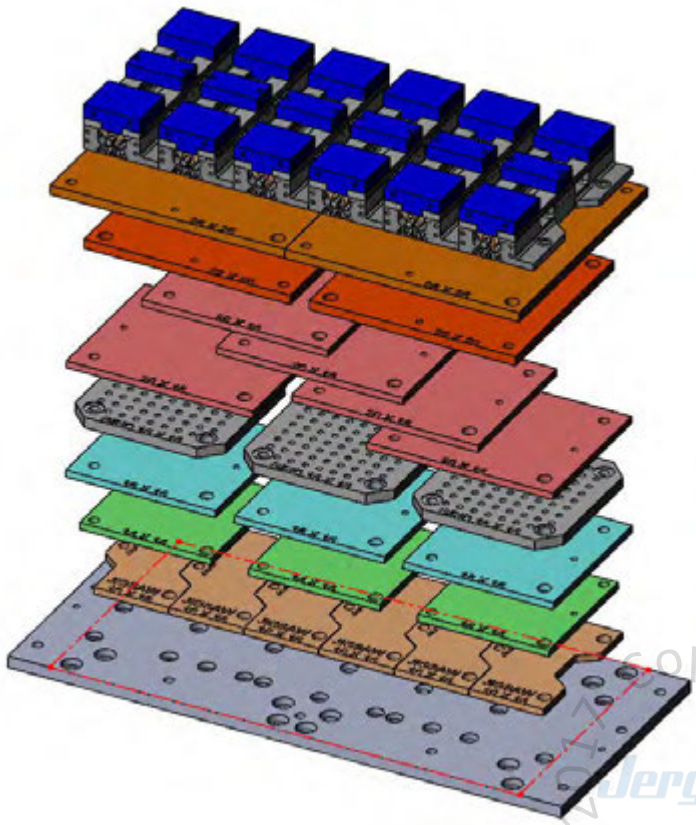
□ 28715 Aluminum

□ 28815 Steel

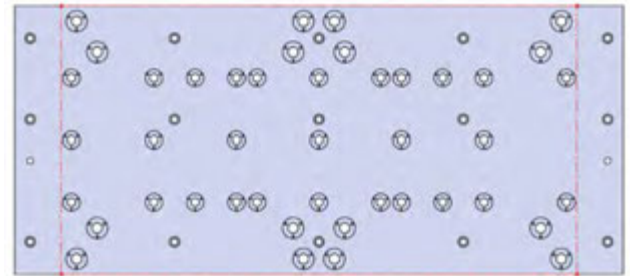


□ 28801 Steel

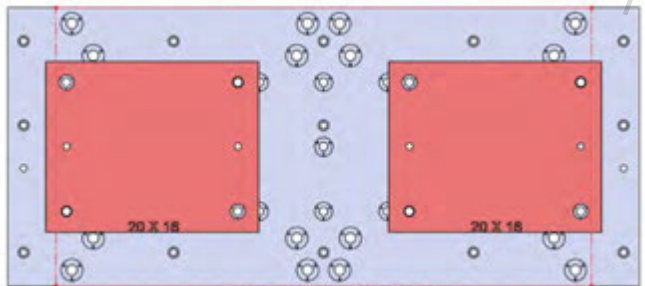
VMX50i-009(continued)



59 X 26 X 1.25

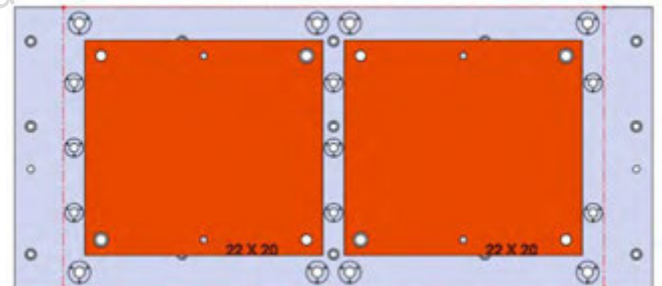


VMX50i-009



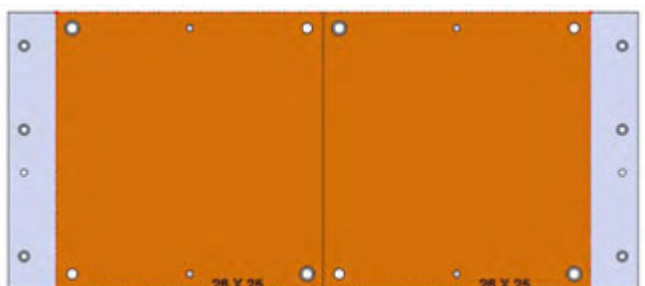
28719 Aluminum

28819 Steel



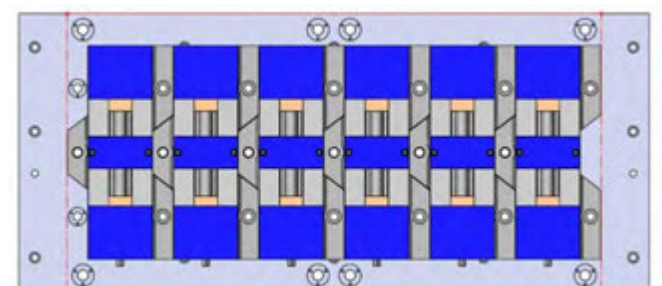
28745 Aluminum

28845 Steel



28746 Aluminum

28846 Steel



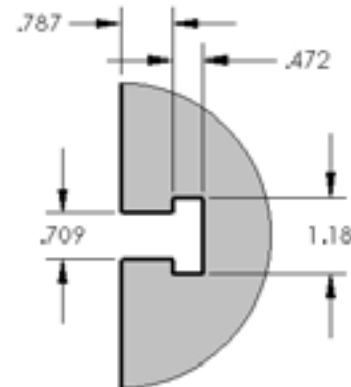
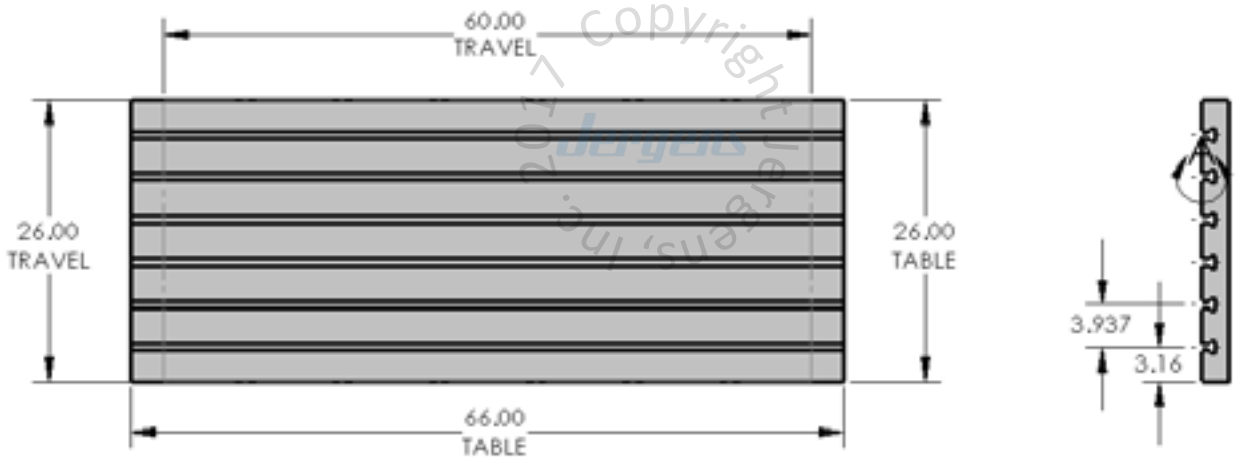
49406 6" Vise Ball-Lock® base

VMX60i



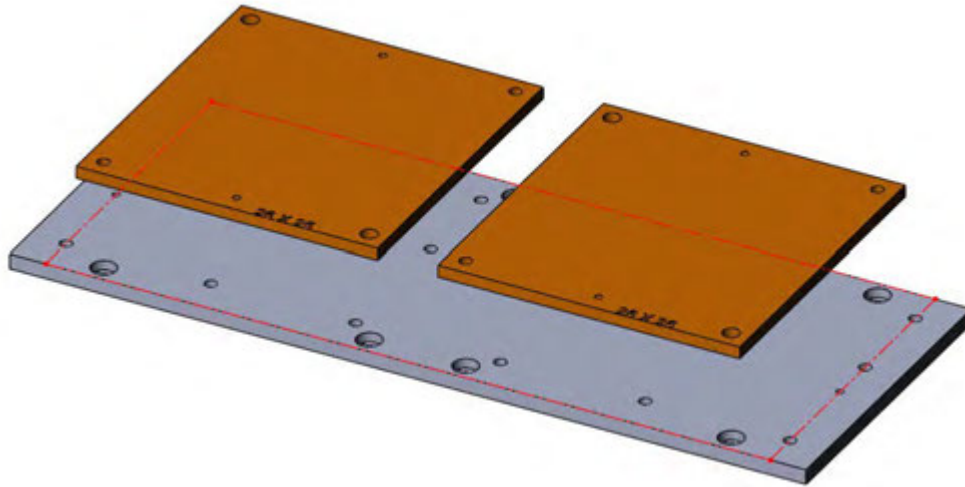
**Table Specifications**

- Table Travel (X, Y, Z): 60" x 26"
- Table Dimensions (L x W): 66" x 26"
- Maximum Weight on Table: 3000 lbs
- T-Slot Width: .708" (18mm)
- T-Slot Center Distance: 3.937" (100mm)



T-SLOT  
DETAIL  
A

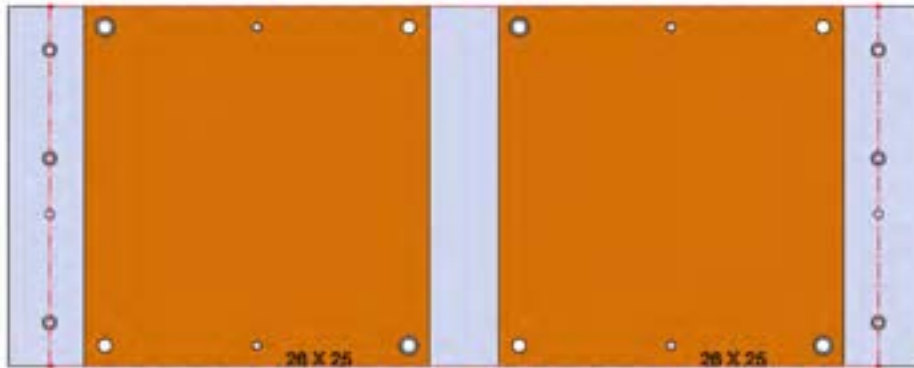
VMX60i-001



66 X 26 X 1.25



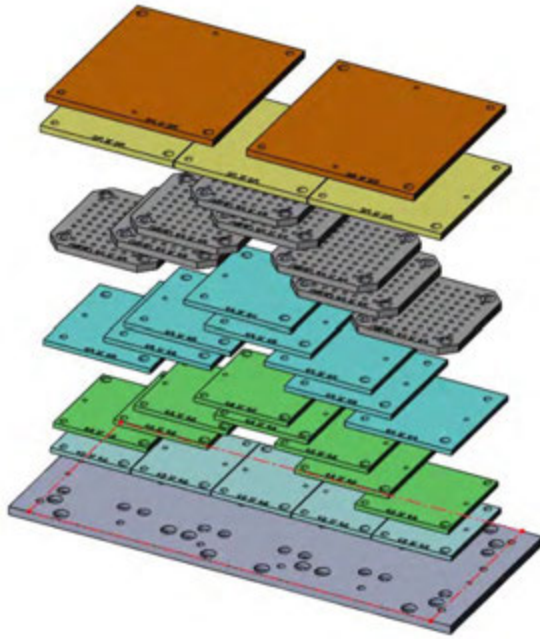
VMX60i-001



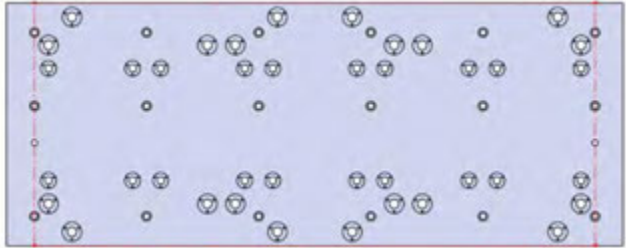
28746 Aluminum

28846 Steel

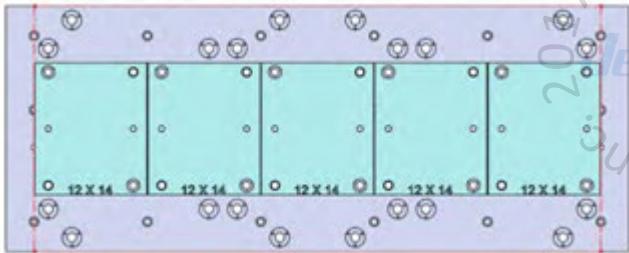
VMX60i-002



66 X 26 X 1.25

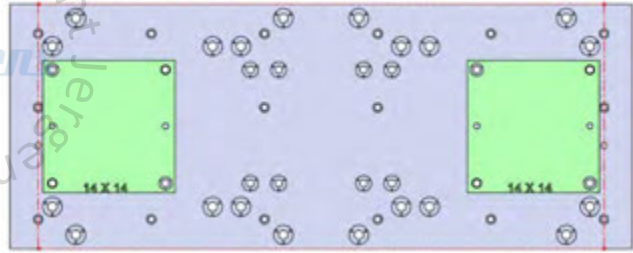


VMX60i-002



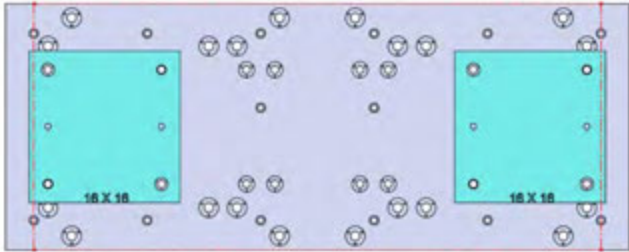
28711 Aluminum

28811 Steel



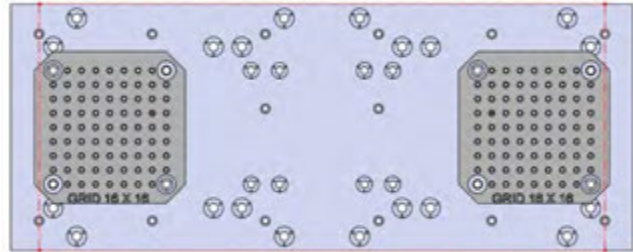
28713 Aluminum

28813 Steel

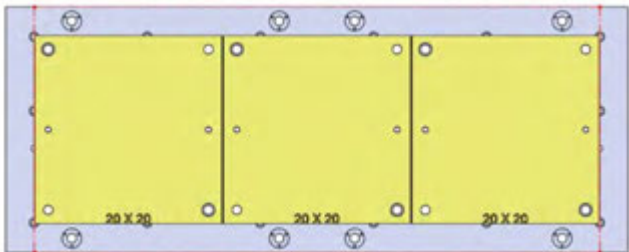


28715 Aluminum

28815 Steel

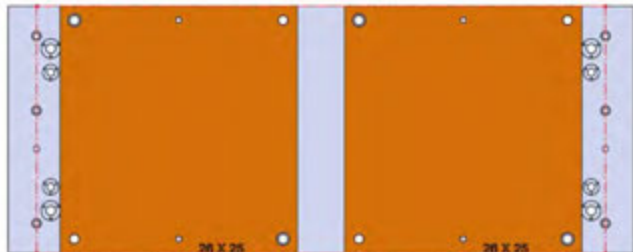


28801 Steel



28727 Aluminum

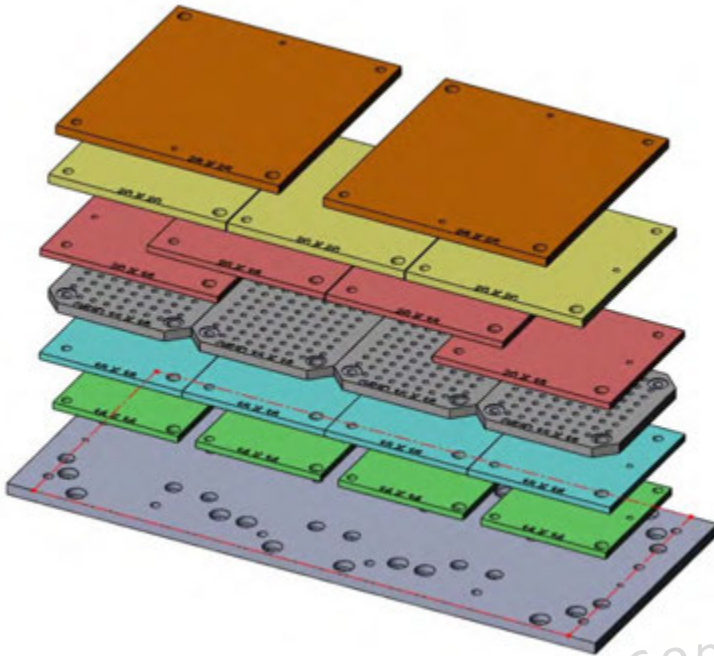
28827 Steel



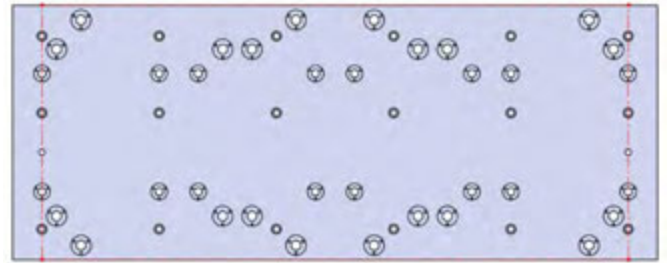
28746 Aluminum

28846 Steel

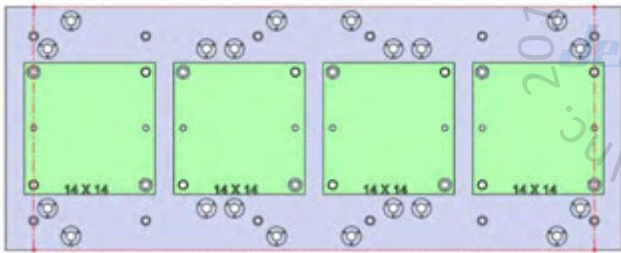
VMX60i-003



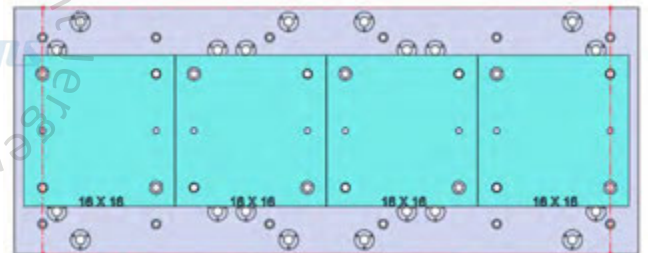
66 X 26 X 1.25



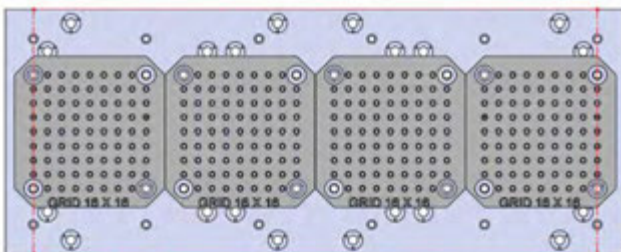
□ VMX60i-003



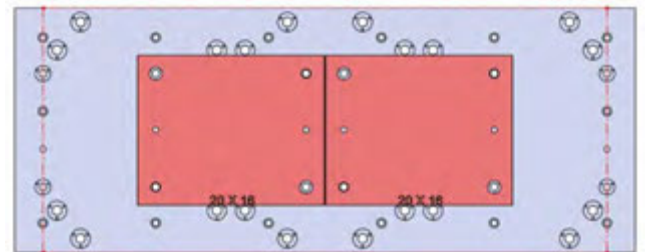
□ 28713 Aluminum      □ 28813 Steel



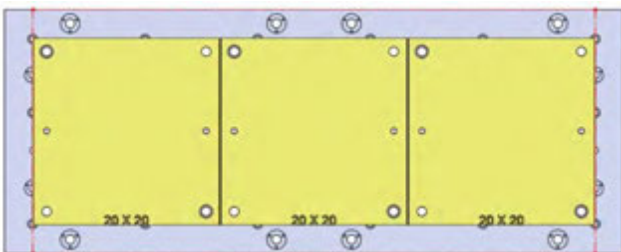
□ 28715 Aluminum      □ 28815 Steel



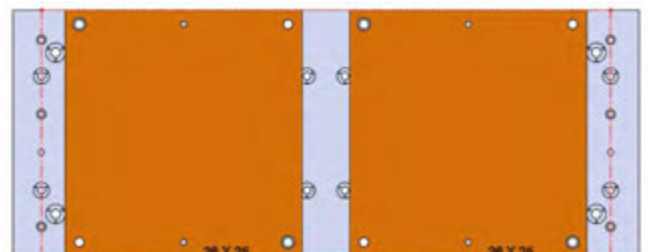
□ 28801 Steel



□ 28719 Aluminum      □ 28819 Steel

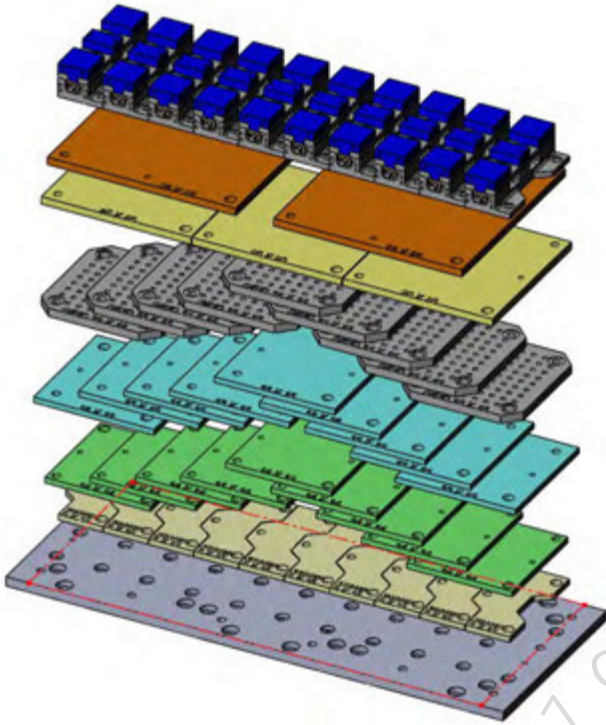


□ 28727 Aluminum      □ 28827 Steel

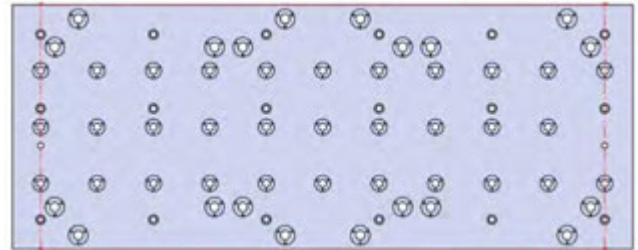


□ 28746 Aluminum      □ 28846 Steel

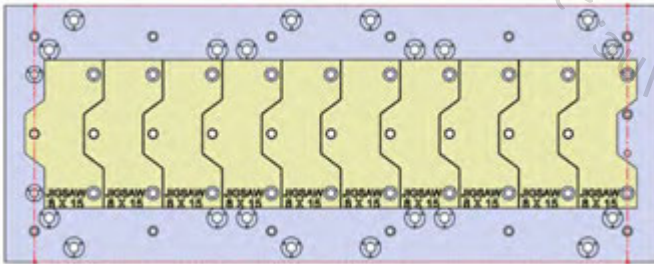
VMX60i-004



66 X 26 X 1.25

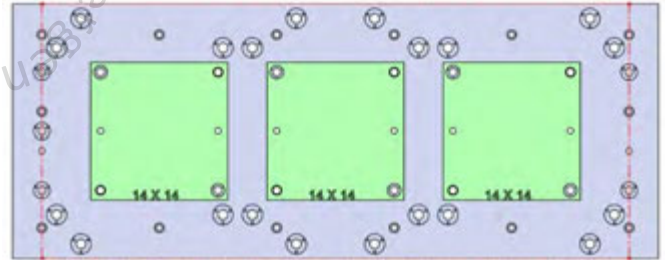


VMX60i-004



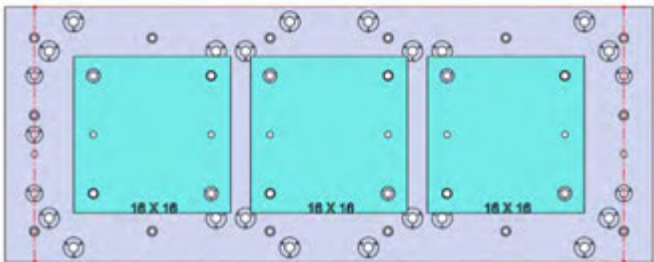
28705 Aluminum

28805 Steel



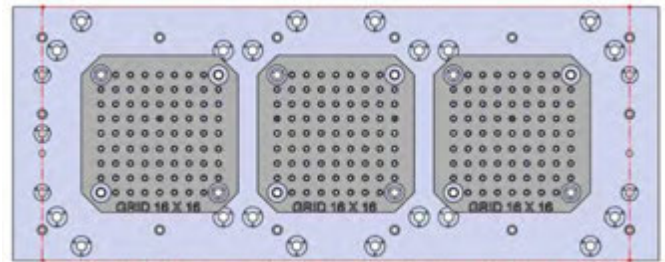
28713 Aluminum

28813 Steel



28715 Aluminum

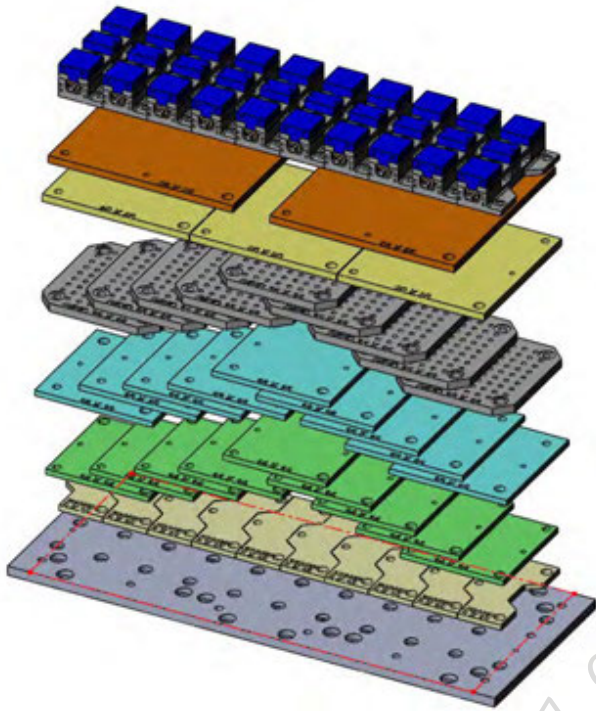
28815 Steel



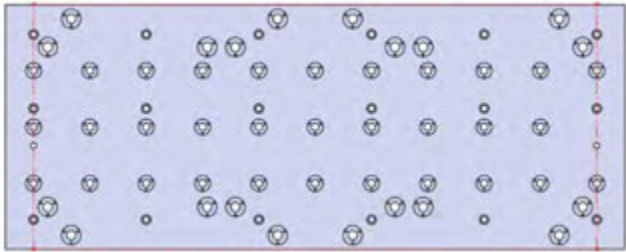
28801 Steel



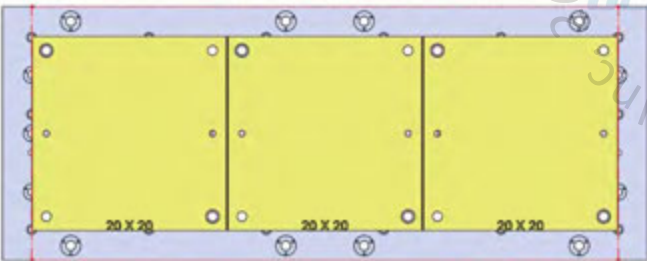
VMX60i-004(continued)



66 X 26 X 1.25



VMX60i-004



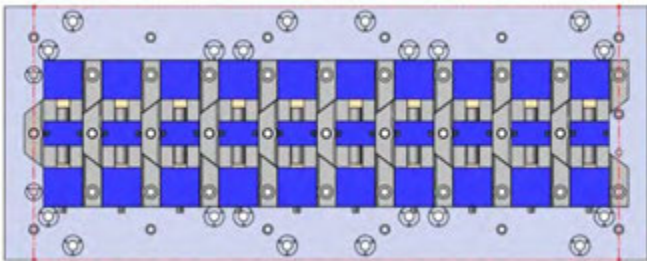
28727 Aluminum

28827 Steel



28746 Aluminum

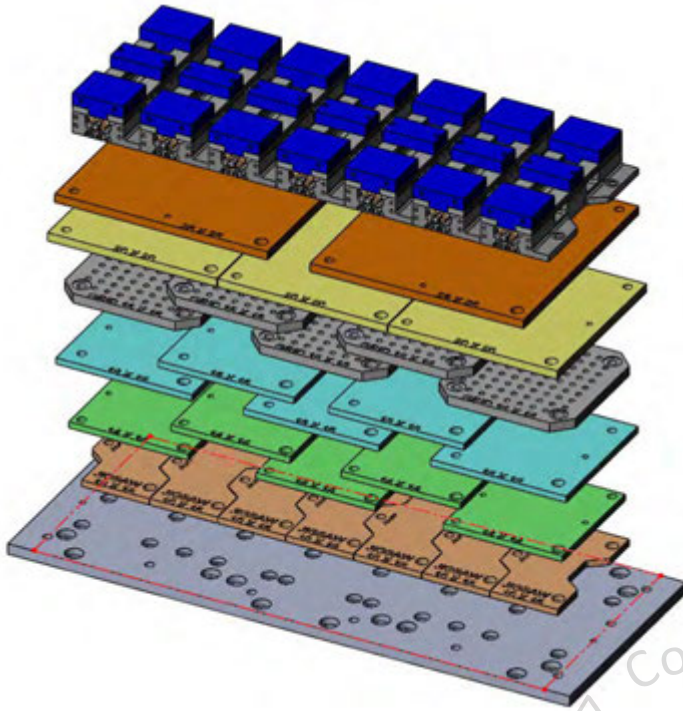
28846 Steel



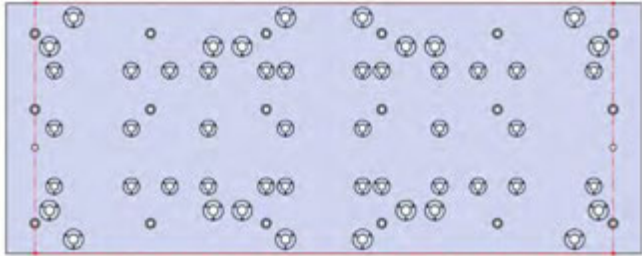
49405 4" Vise Ball-Lock® base

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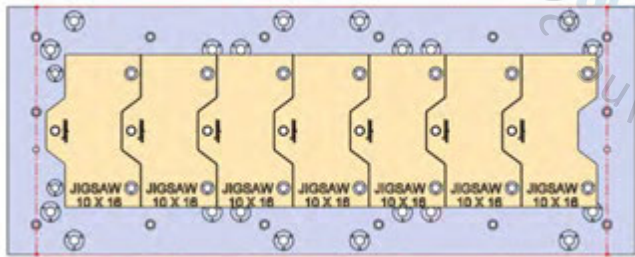
VMX60i-005



66 X 26 X 1.25

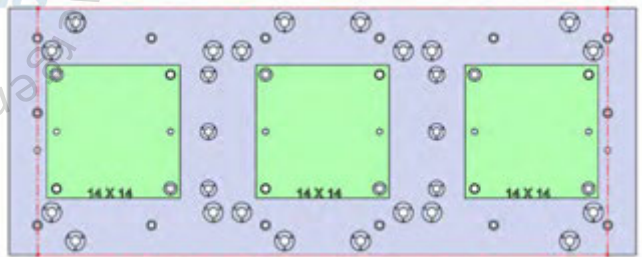


VMX60i-005



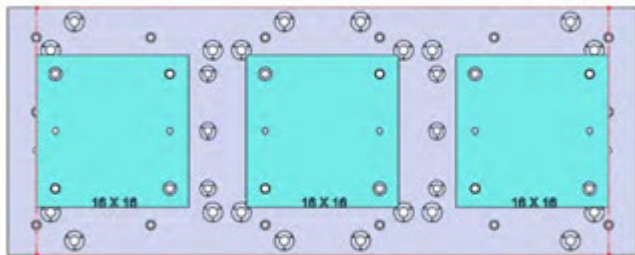
28706 Aluminum

28806 Steel



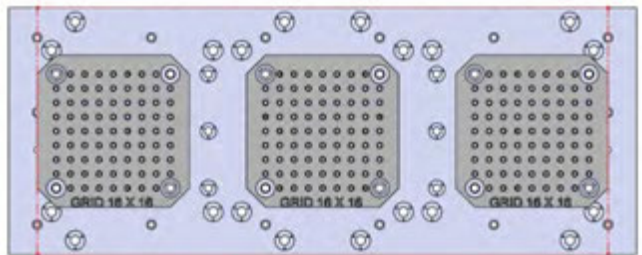
28713 Aluminum

28813 Steel



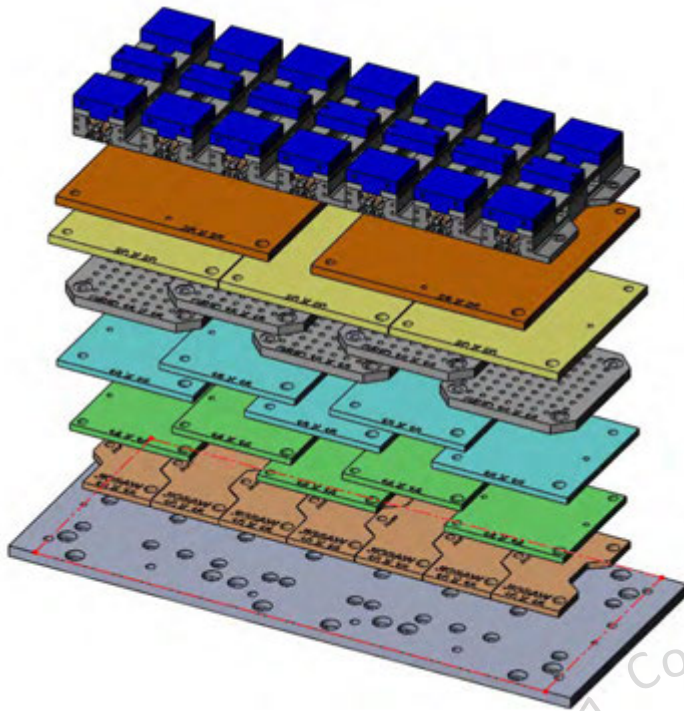
28715 Aluminum

28815 Steel

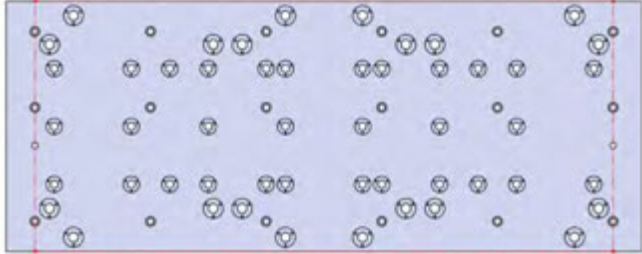


28801 Steel

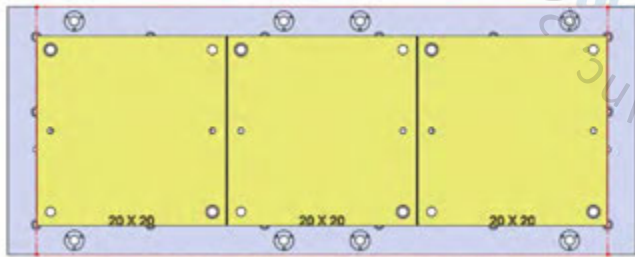
VMX60i-005(continued)



66 X 26 X 1.25

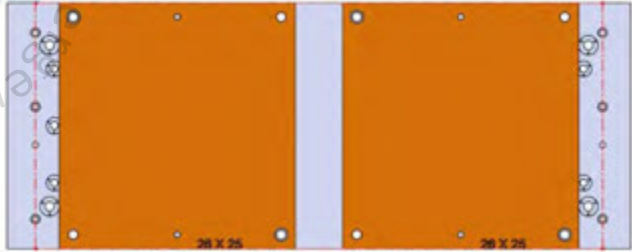


□ VMX60i-005



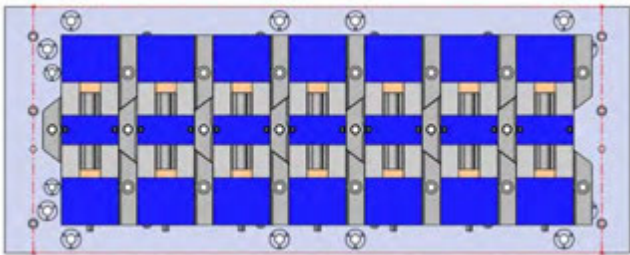
□ 28727 Aluminum

□ 28827 Steel



□ 28746 Aluminum

□ 28846 Steel



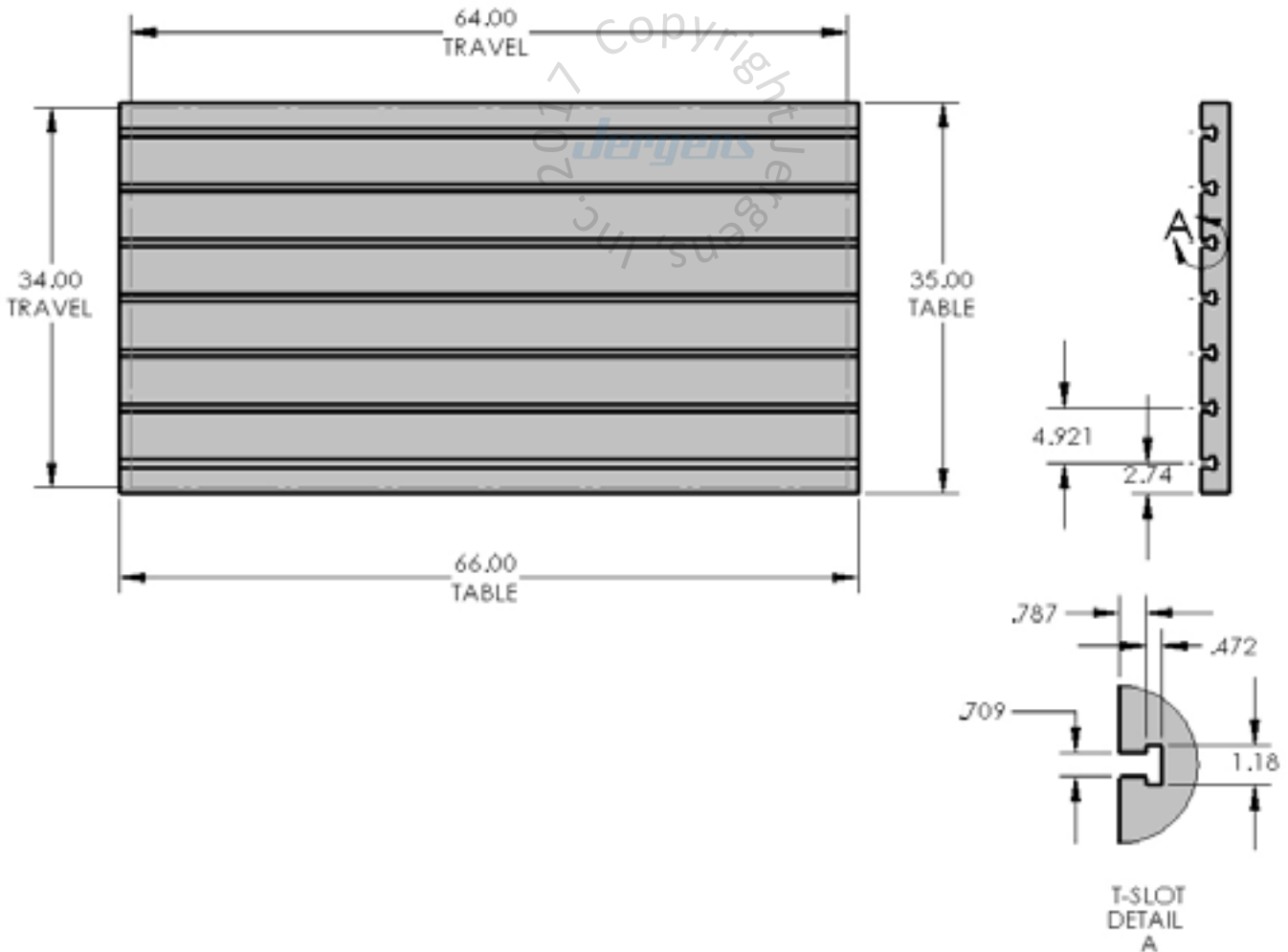
□ 49406 6" Vise Ball-Lock® base

VMX64i

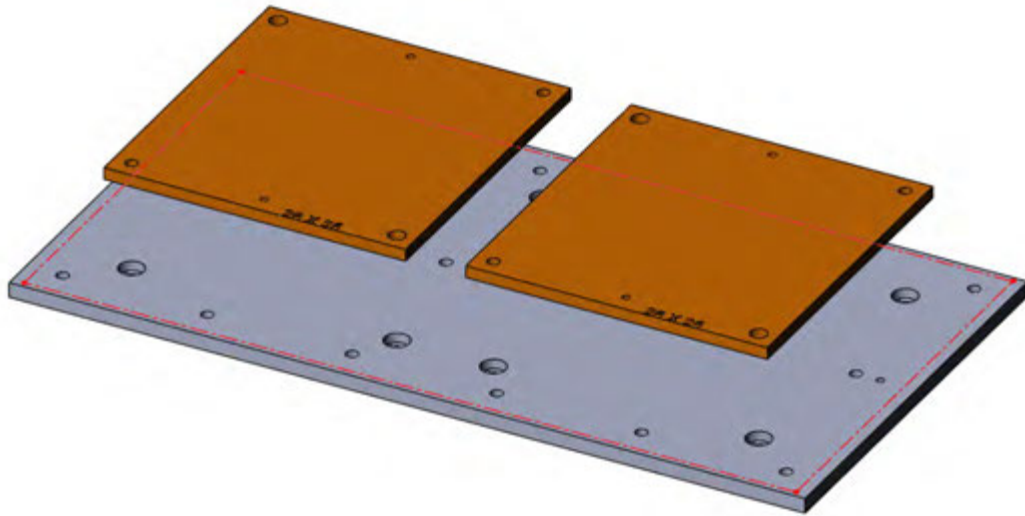


**Table Specifications**

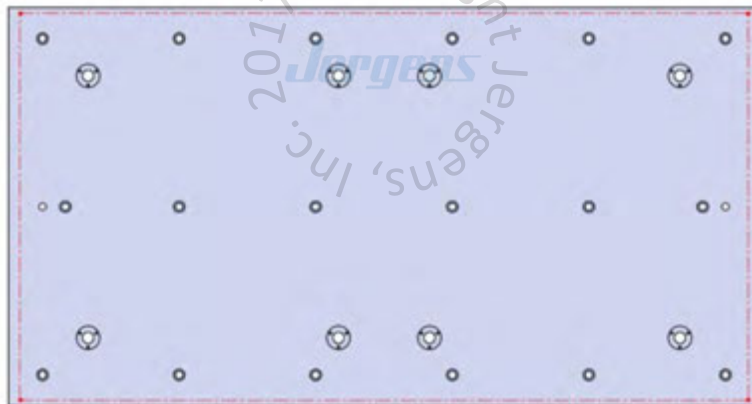
- Table Travel (X, Y, Z): 64" x 34"
- Table Dimensions (L x W): 66" x 35"
- Maximum Weight on Table: 6000 lbs
- T-Slot Width: .708" (18mm)
- T-Slot Center Distance: 4.921" (125mm)



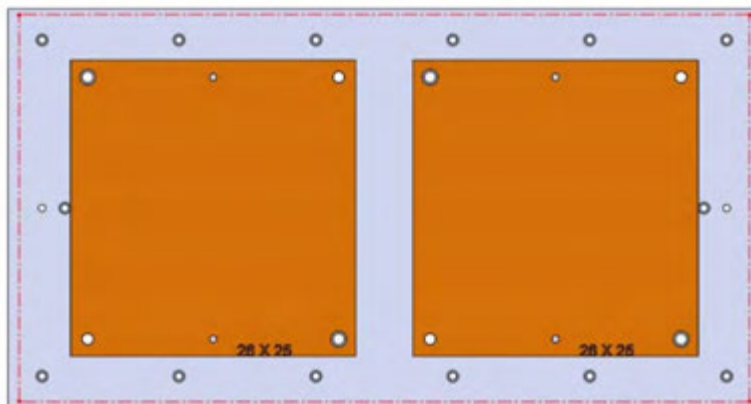
VMX64i-001



66 X 35 X 1.25



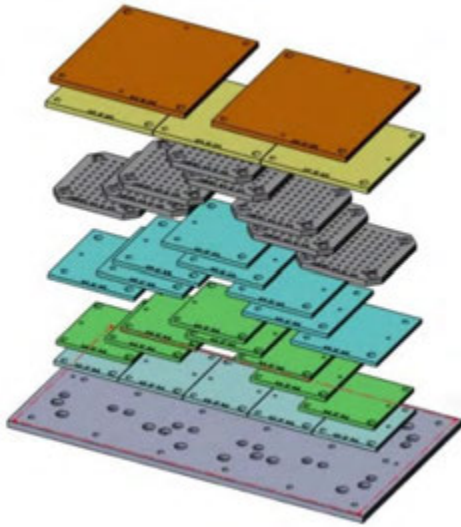
VMX64i-001



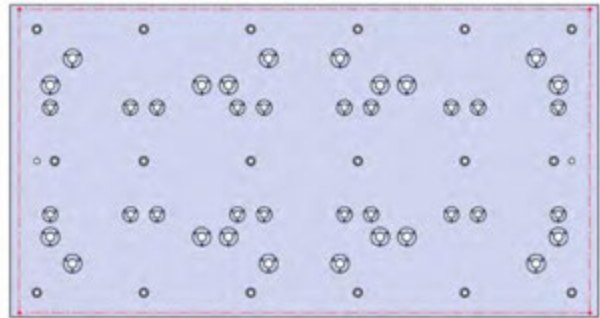
28746 Aluminum

28846 Steel

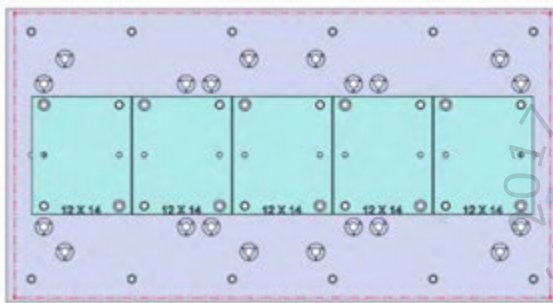
VMX64i-002



66 X 35 X 1.25

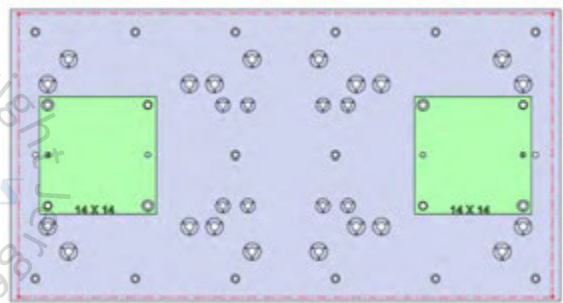


VMX64i-002



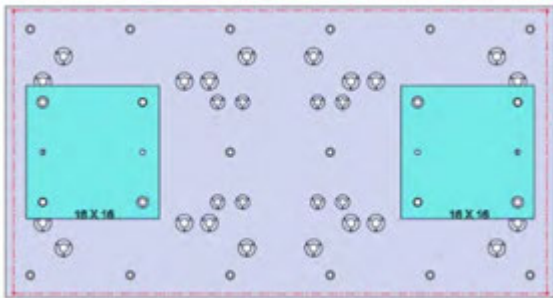
28711 Aluminum

28811 Steel



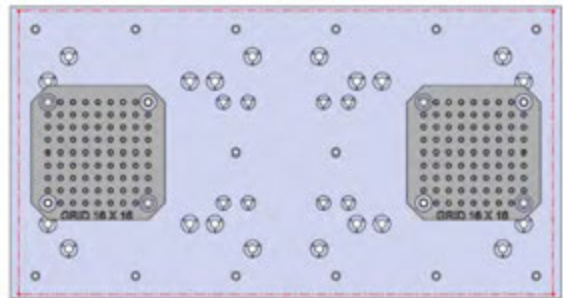
28713 Aluminum

28813 Steel

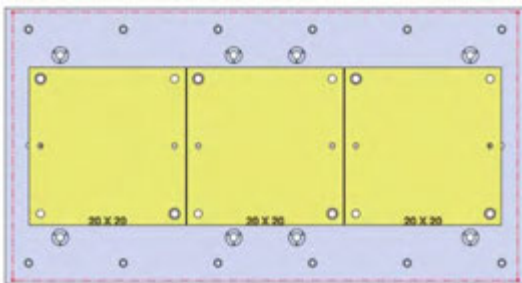


28715 Aluminum

28815 Steel

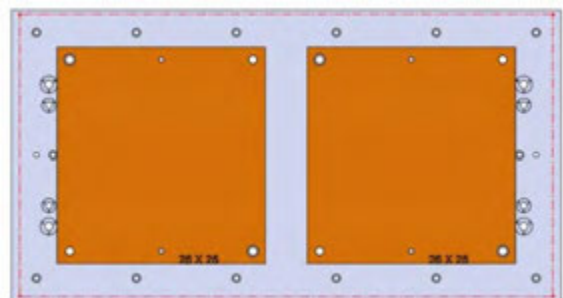


28801 Steel



28727 Aluminum

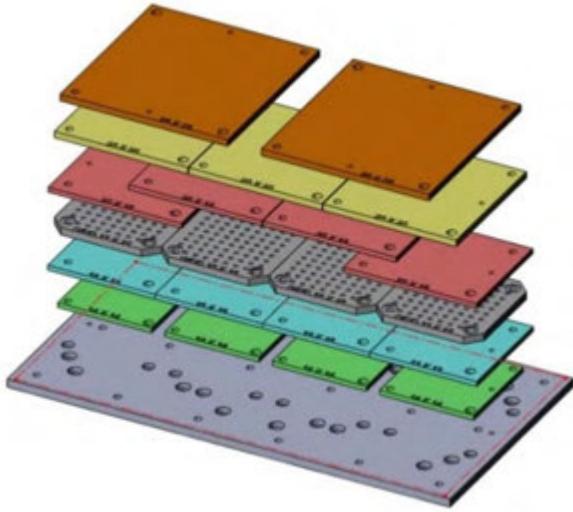
28827 Steel



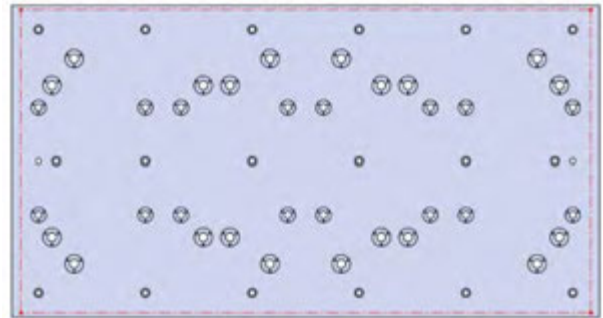
28746 Aluminum

28846 Steel

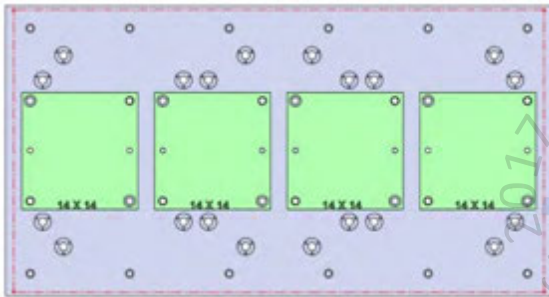
VMX64i-003



66 X 35 X 1.25

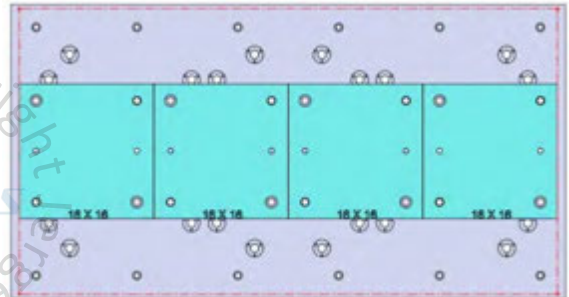


□ VMX64i-003



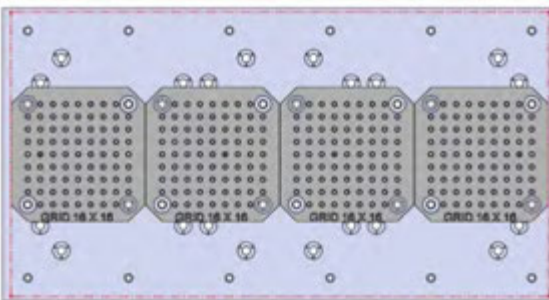
□ 28713 Aluminum

□ 28813 Steel

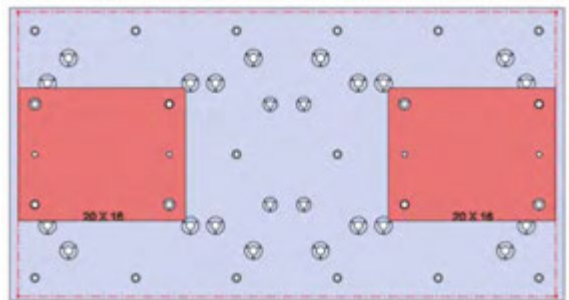


□ 28715 Aluminum

□ 28815 Steel

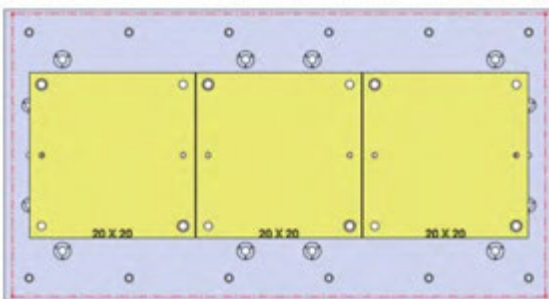


□ 28801 Steel



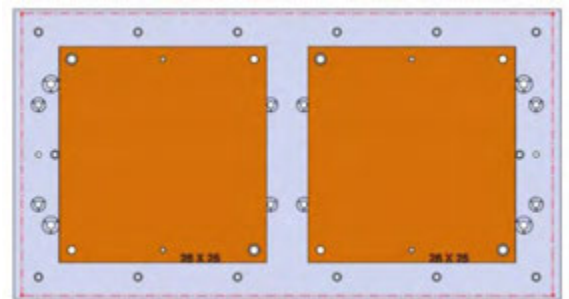
□ 28719 Aluminum

□ 28819 Steel



□ 28727 Aluminum

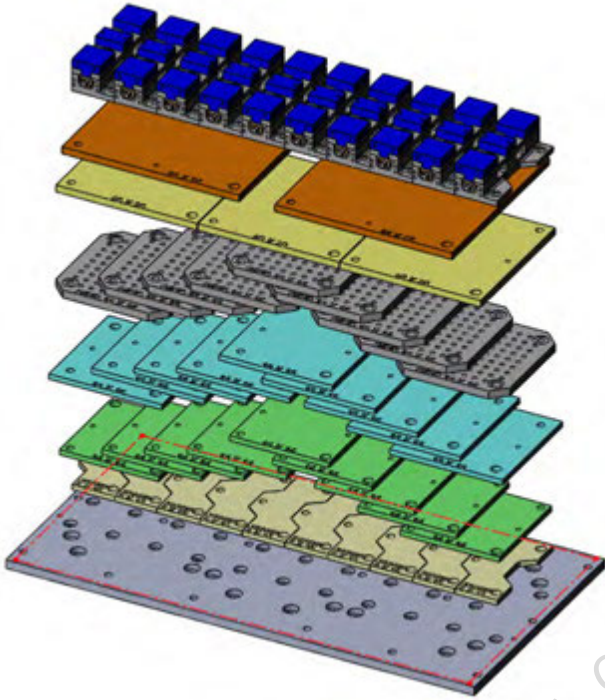
□ 28827 Steel



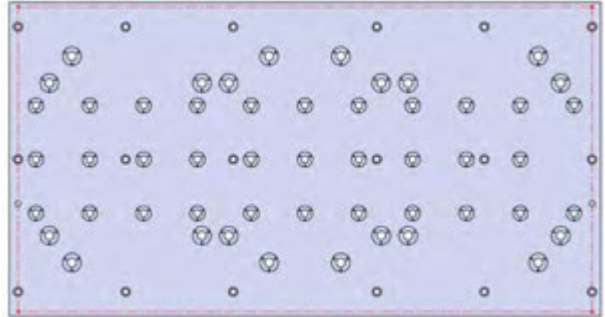
□ 28746 Aluminum

□ 28846 Steel

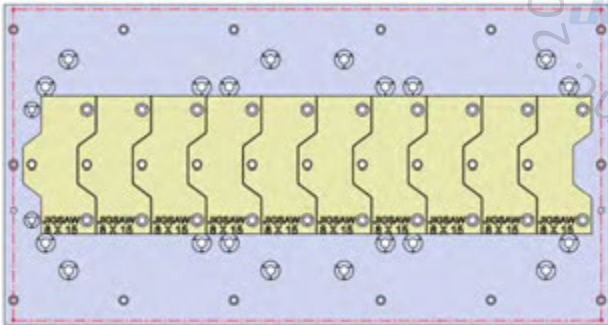
VMX64i-004



66 X 35 X 1.25

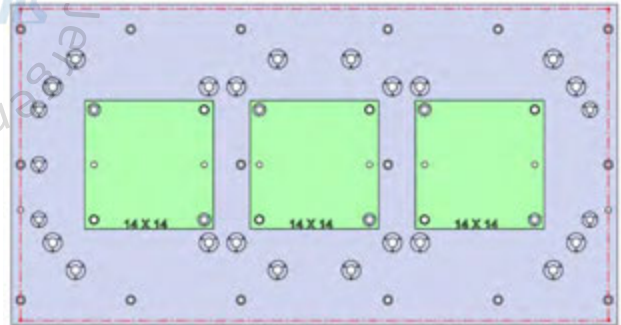


VMX64i-004



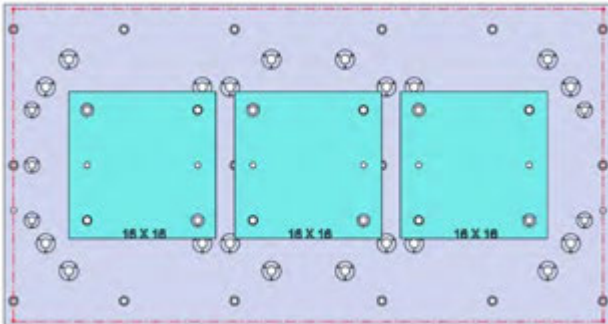
28705 Aluminum

28805 Steel



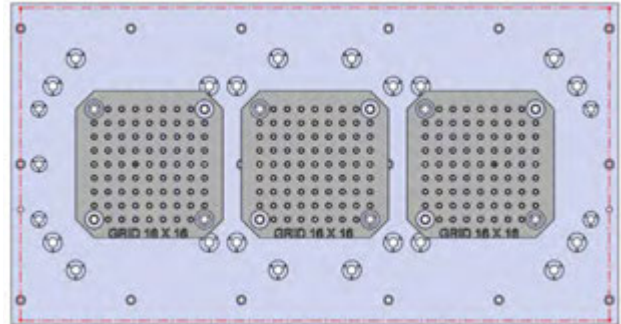
28713 Aluminum

28813 Steel



28715 Aluminum

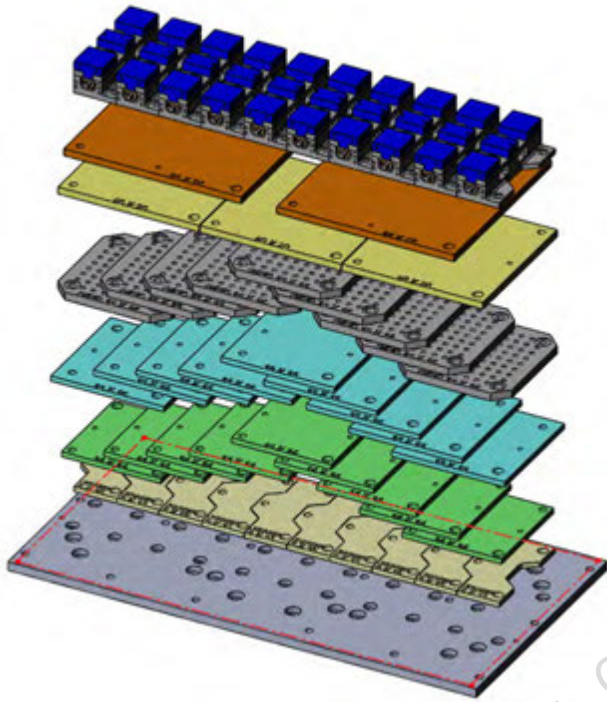
28815 Steel



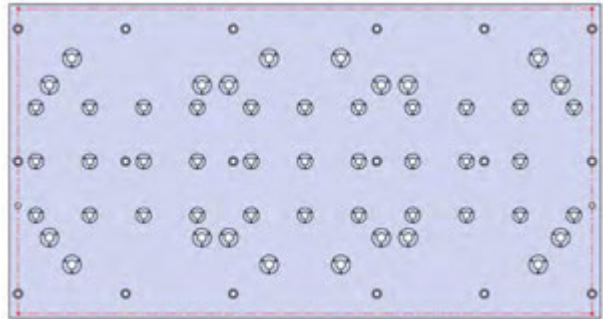
28801 Steel



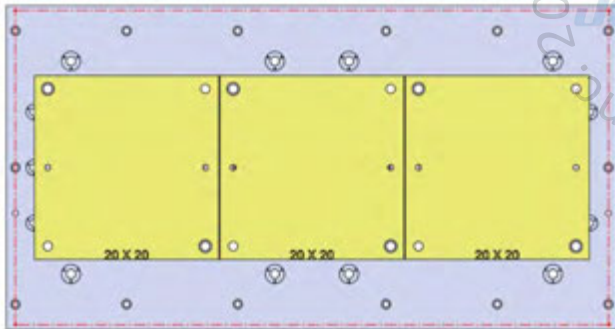
VMX64i-004(continued)



66 X 35 X 1.25

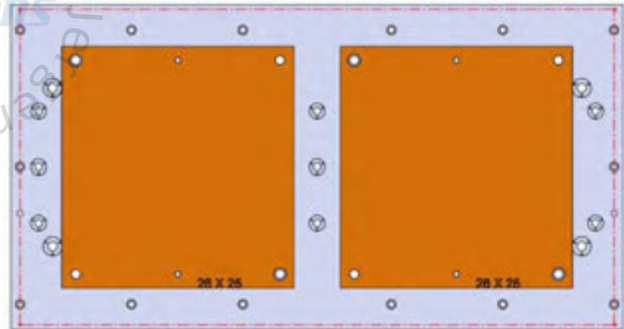


□ VMX64i-004



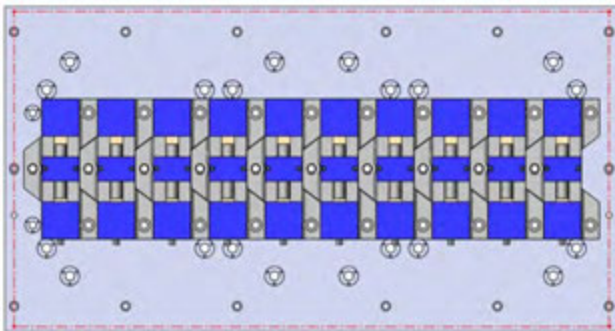
□ 28727 Aluminum

□ 28827 Steel



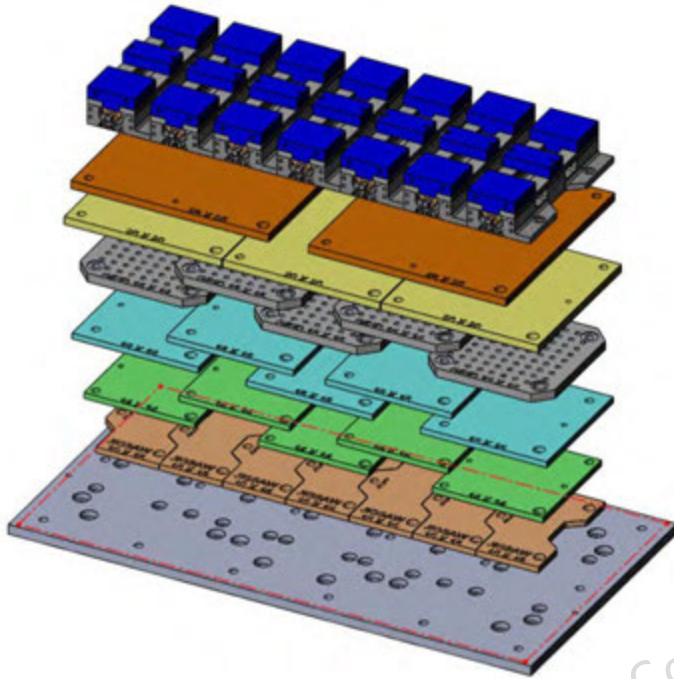
□ 28746 Aluminum

□ 28846 Steel

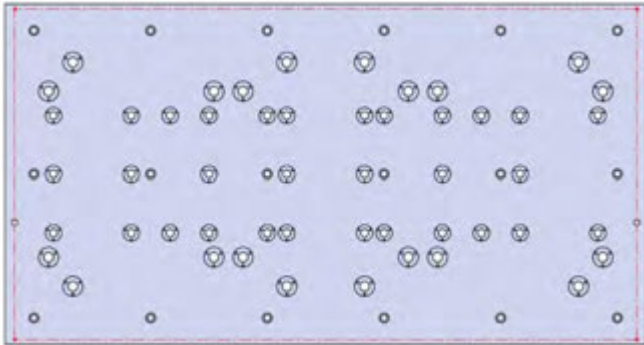


□ 49405 4" Vise Ball-Lock® base

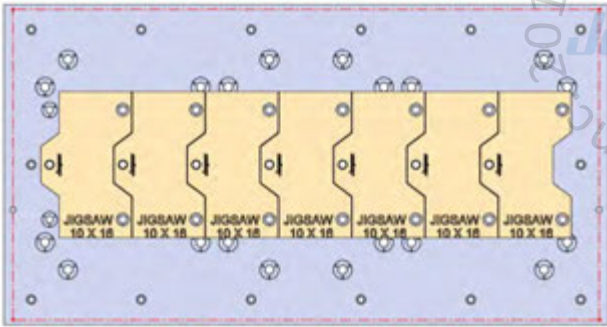
VMX64i-005



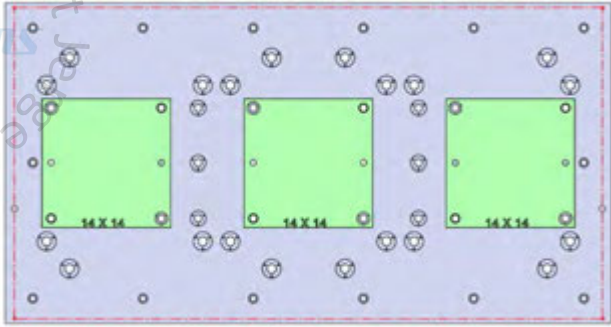
66 X 35 X 1.25



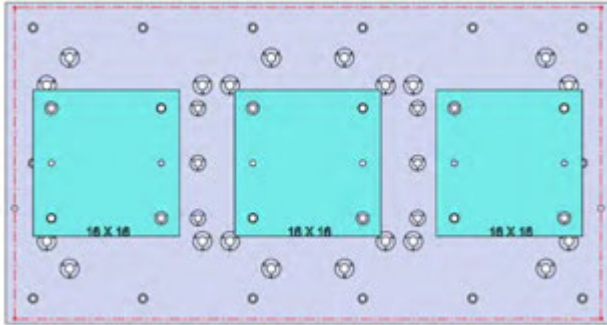
VMX64i-005



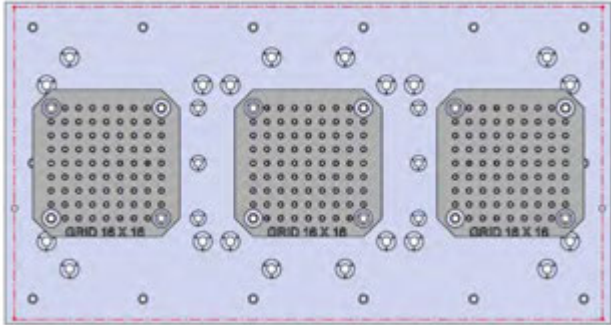
28706 Aluminum       28806 Steel



28713 Aluminum       28813 Steel

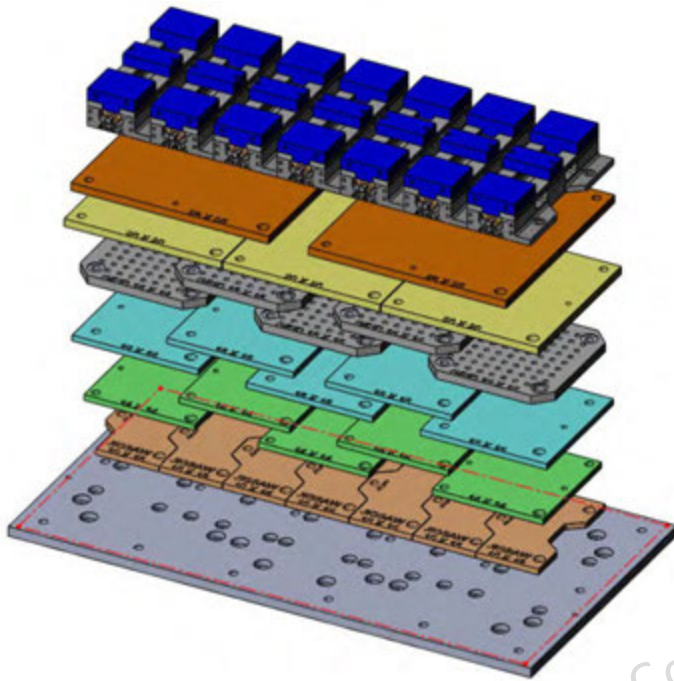


28715 Aluminum       28815 Steel

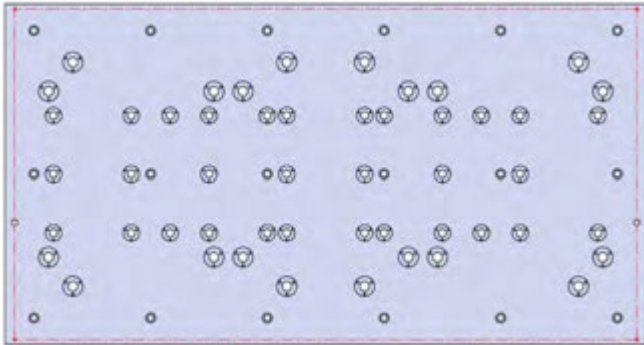


28801 Steel

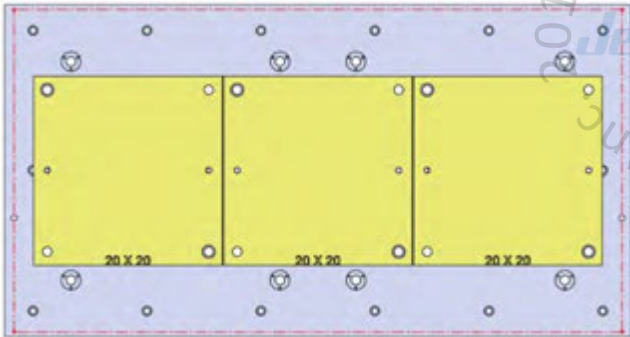
VMX64i-005(continued)



66 X 35 X 1.25

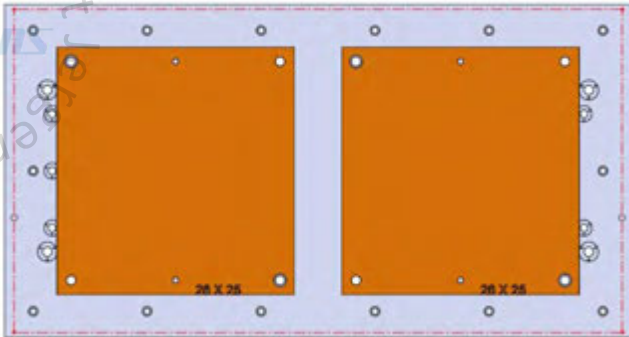


VMX64i-005



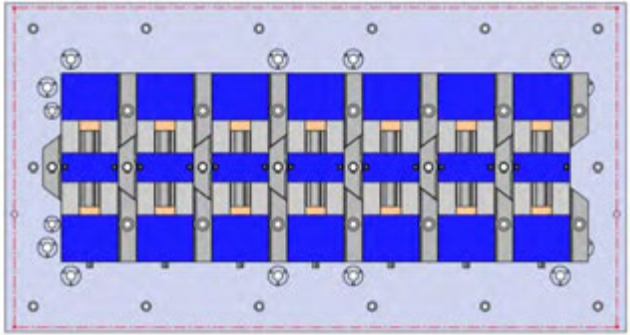
28727 Aluminum

28827 Steel



28746 Aluminum

28846 Steel



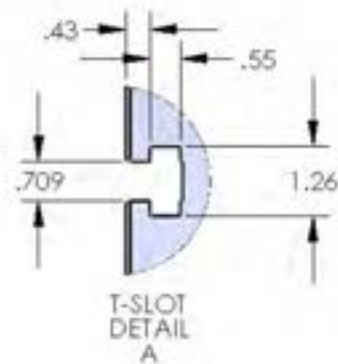
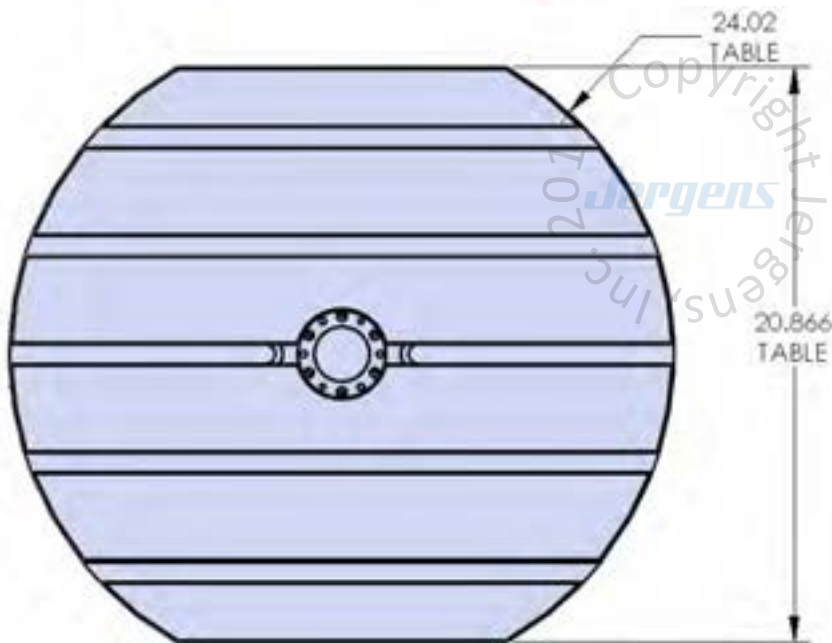
49406 6" Vise Ball-Lock® base

VTXUi

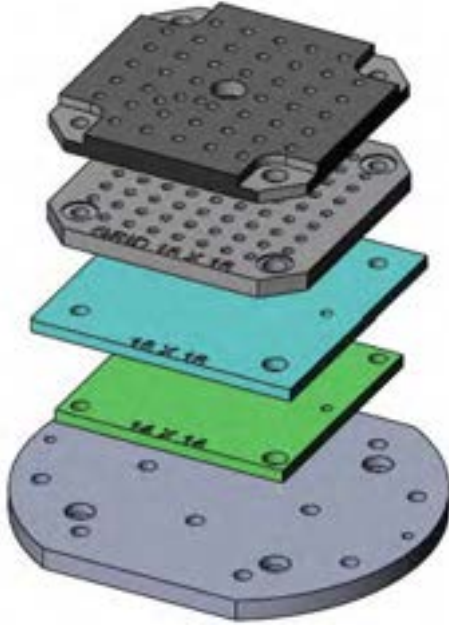


**Table Specifications**

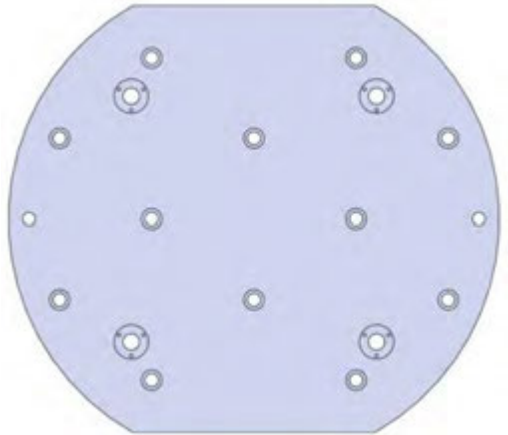
- Table Travel (X, Y, Z): 31.5" x 27.5"
- Table Dimensions (L x W): 24.02" dia x 20.866"
- Maximum Weight on Table: 880 lbs
- T-Slot Width: .708" (18mm)
- T-Slot Center Distance: 3.937" (100mm)



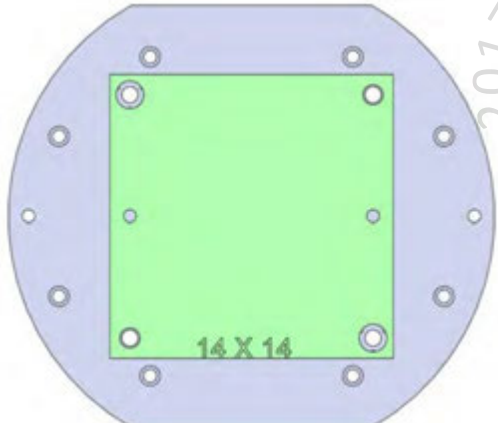
VTXUi-001



24 DIA X 20.866 X 1.25

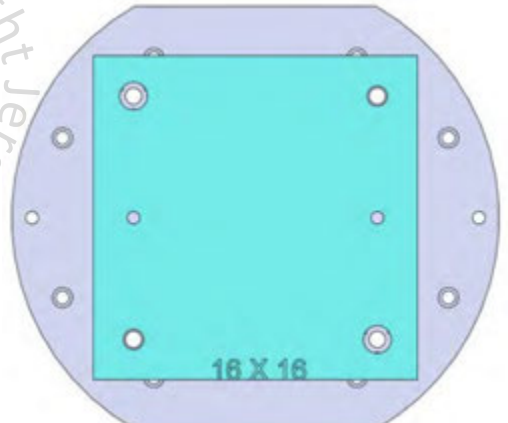


VTXUi-001



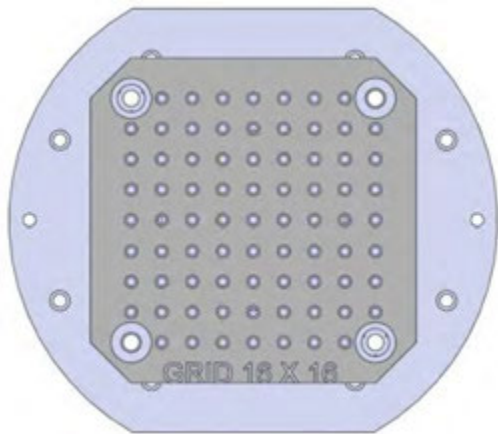
28713 Aluminum

28813 Steel

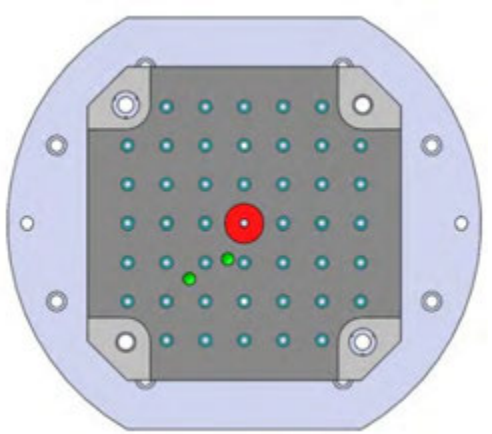


28715 Aluminum

28815 Steel



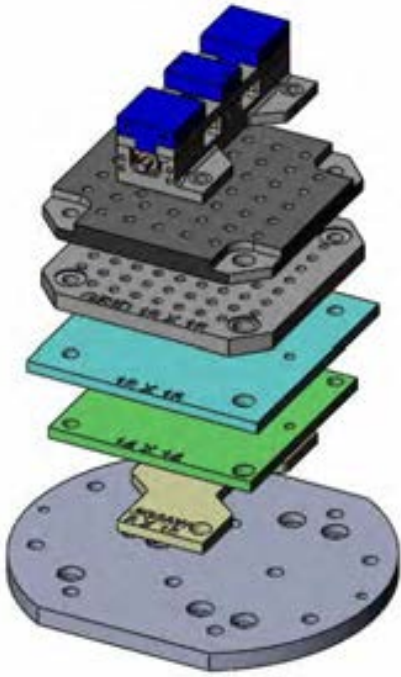
28801 Steel



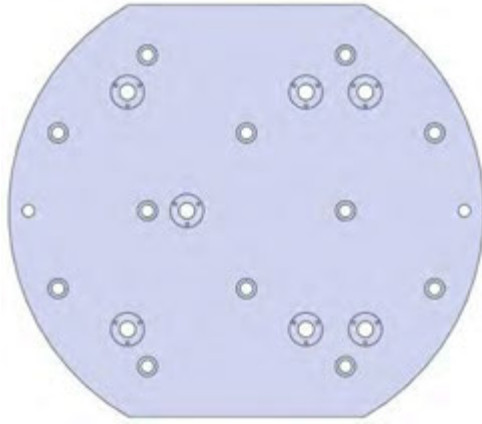
28802 Steel

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VTXUi-002

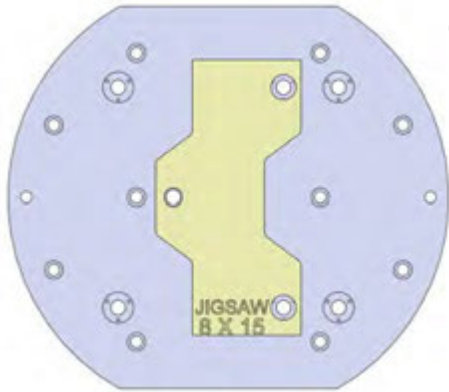


24 DIA X 20.866 X 1.25



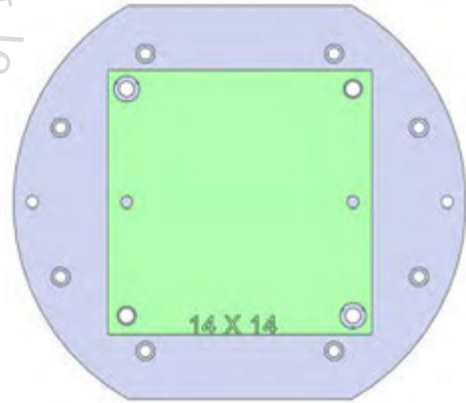
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VTXUi-002



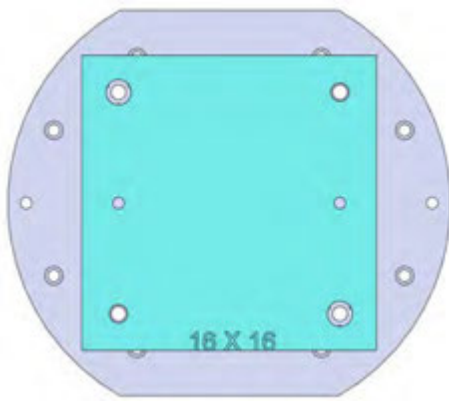
28705 Aluminum

28805 Steel



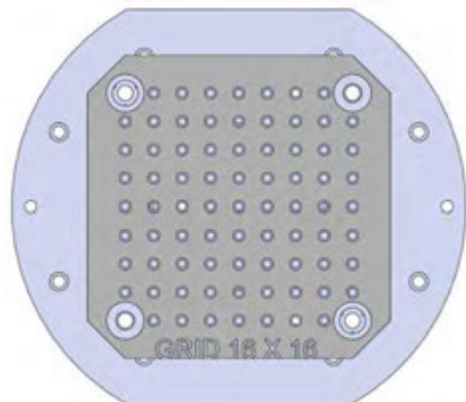
28713 Aluminum

28813 Steel



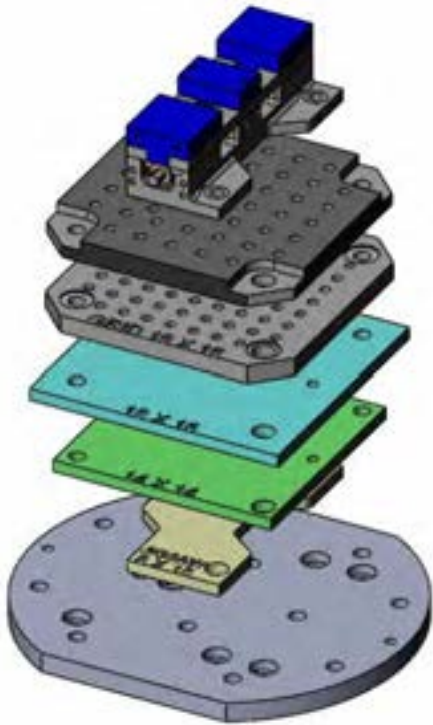
28715 Aluminum

28815 Steel

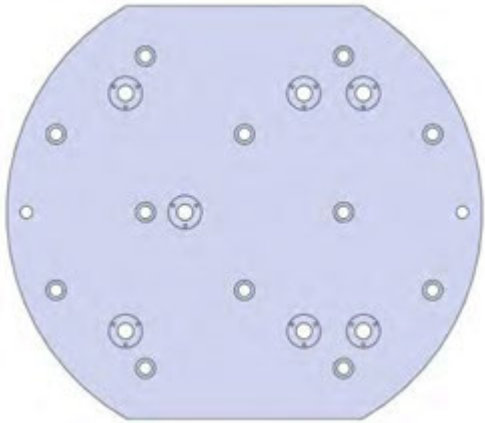


28801 Steel

VTXUi-002(continued)

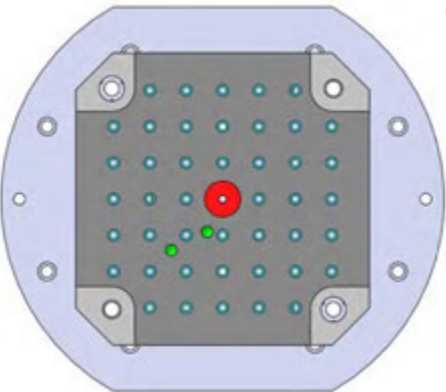


24 DIA X 20.866 X 1.25

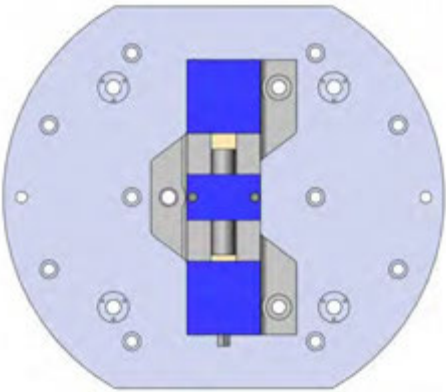


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□ VTXUi-002

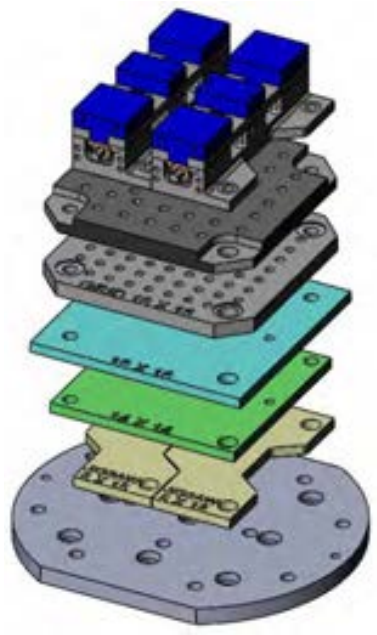


□ 28802 Steel

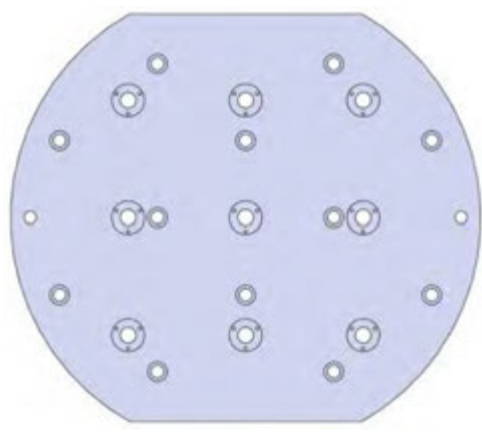


□ 49405 4" Vise Ball-Lock base

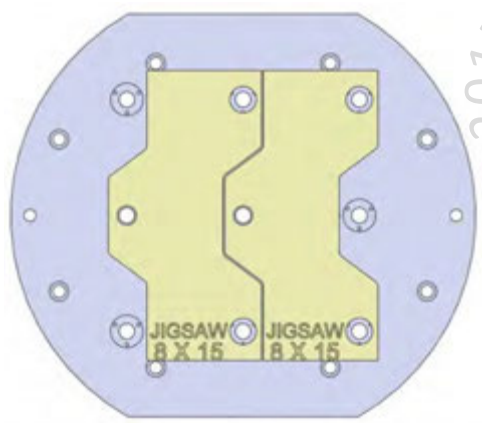
VTXUi-003



24 DIA X 20.866 X 1.25

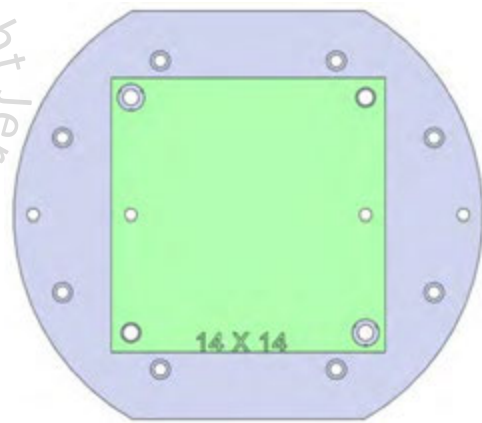


VTXUi-003



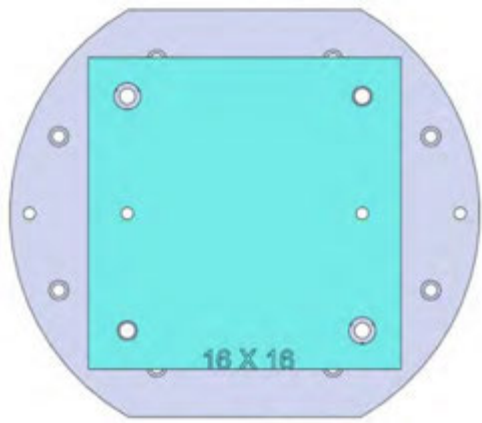
28705 Aluminum

28805 Steel



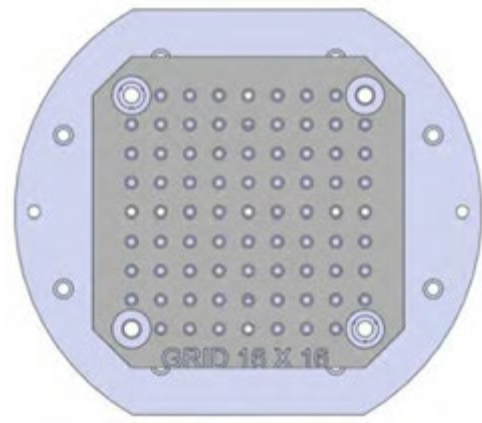
28713 Aluminum

28813 Steel



28715 Aluminum

28815 Steel

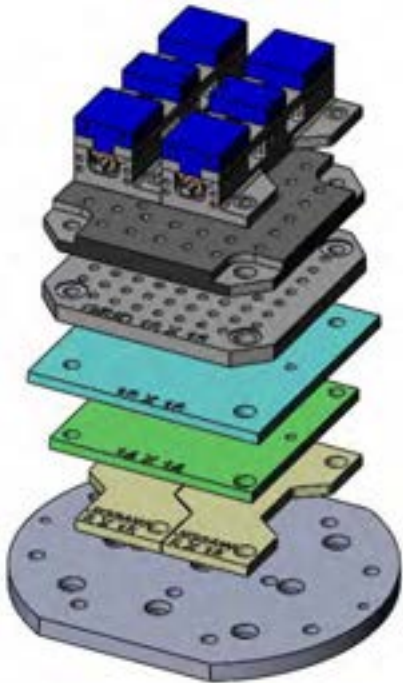


28801 Steel

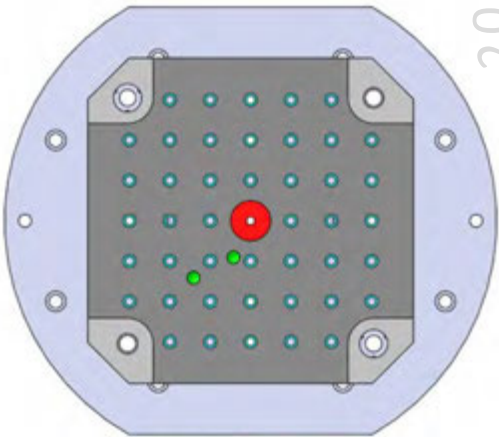
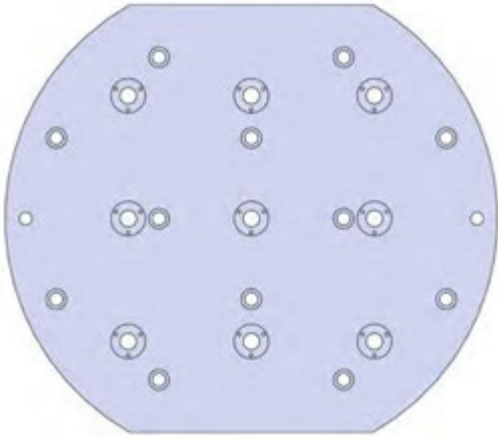
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VTXUi-003(continued)



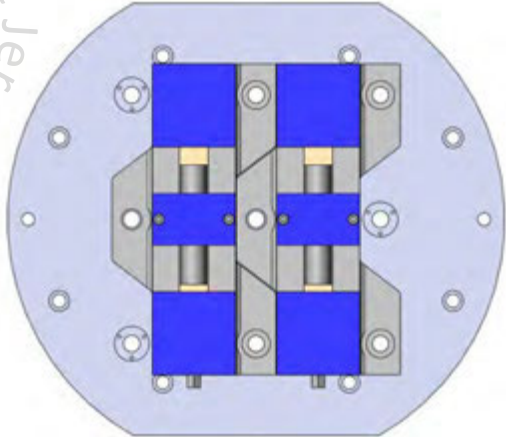
24 DIA X 20.866 X 1.25



□ 28802 Steel

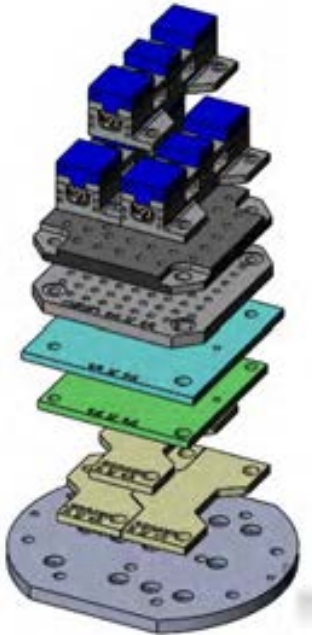
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□ VTXUi-003

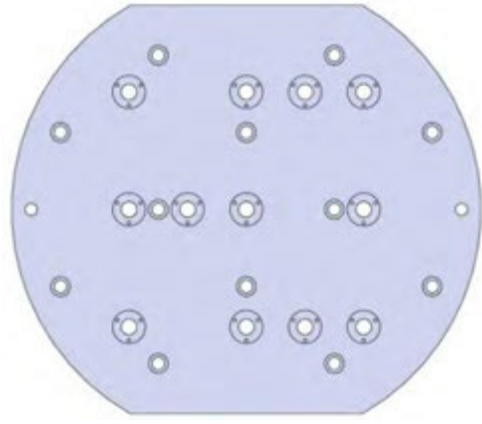


□ 49405 4" Vise Ball-Lock® base

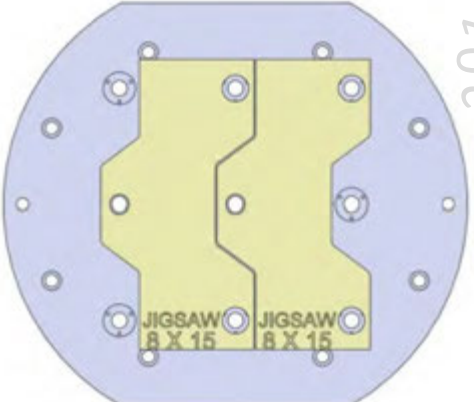
VTXUi-004



24 DIA X 20.866 X 1.25

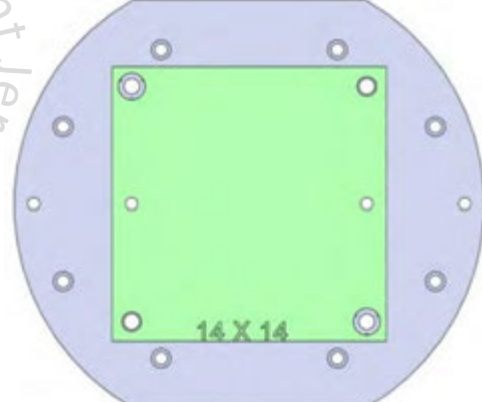


VTXUi-004



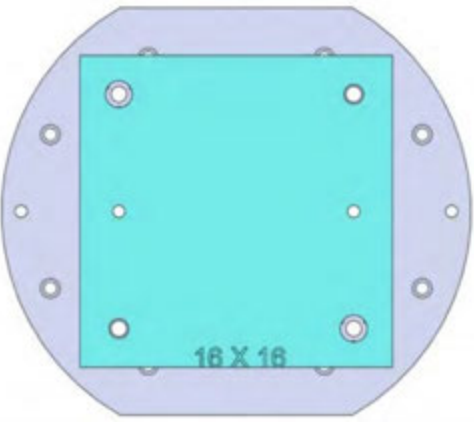
28705 Aluminum

28805 Steel



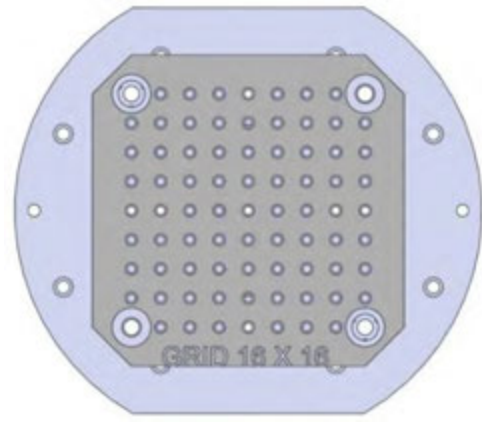
28713 Aluminum

28813 Steel



28715 Aluminum

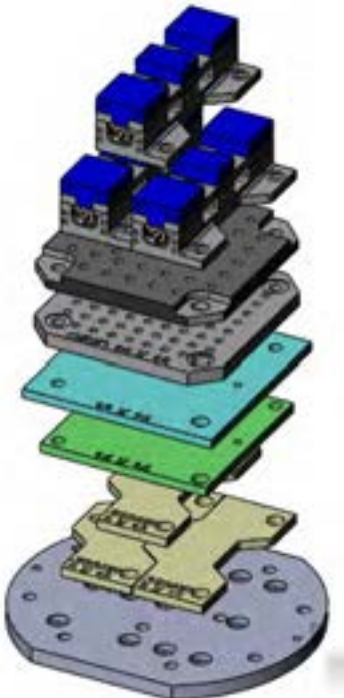
28815 Steel



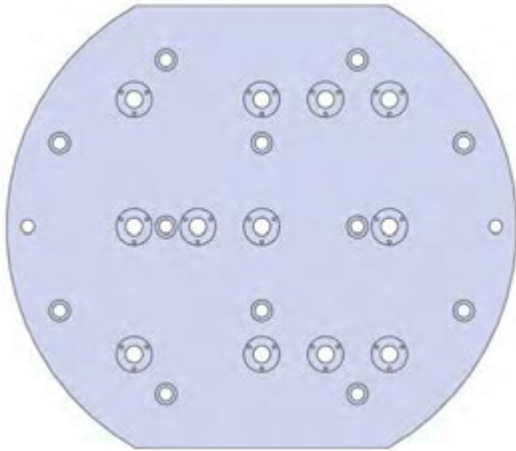
28801 Steel

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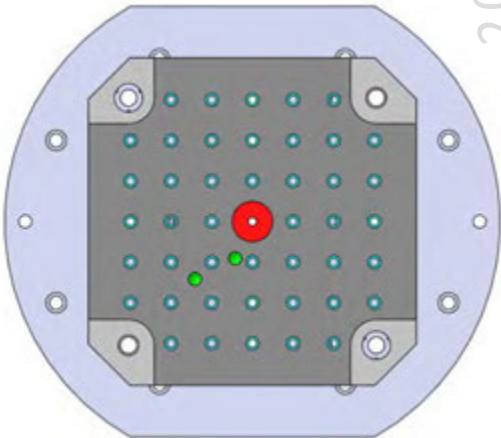
VTXUi-004(continued)



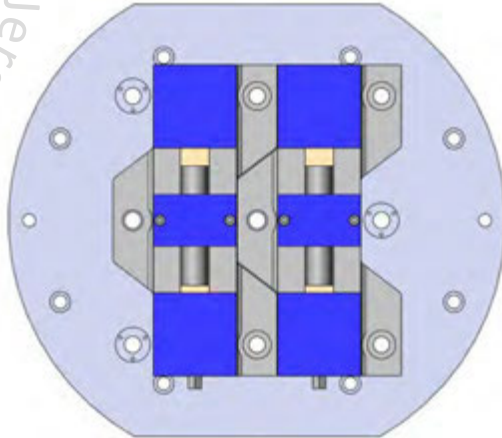
24 DIA X 20.866 X 1.25



□ VTXUi-004



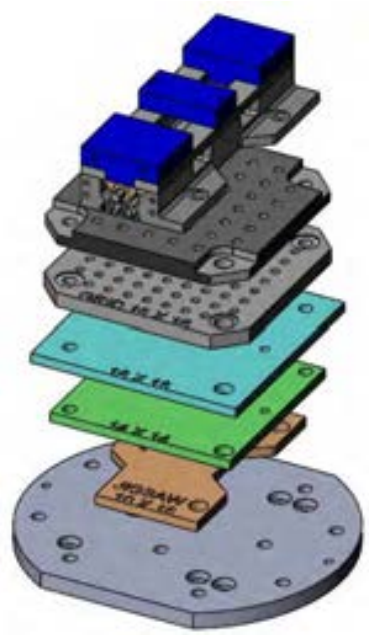
□ 28802 Steel



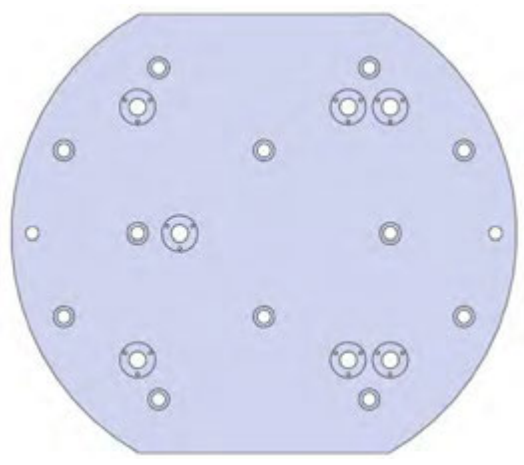
□ 49405 4" Vise Ball-Lock base

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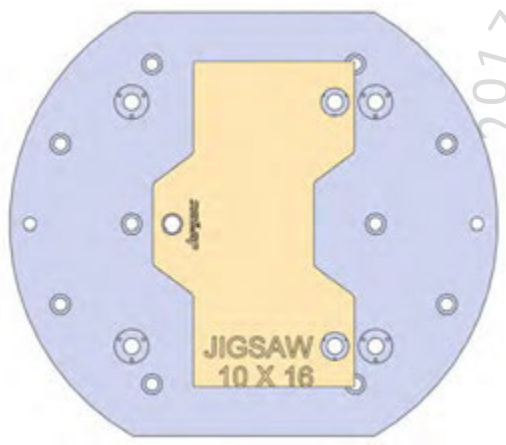
VTXUi-005



24 DIA X 20.866 X 1.25

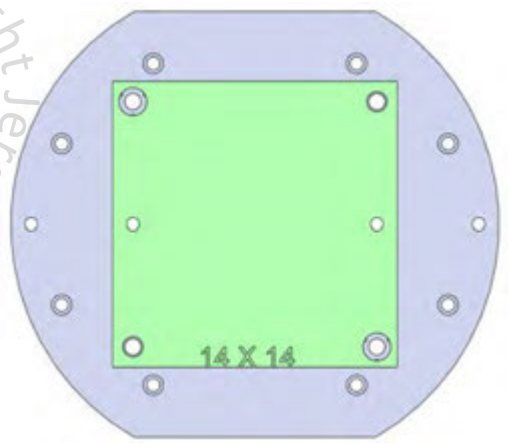


VTXUi-005



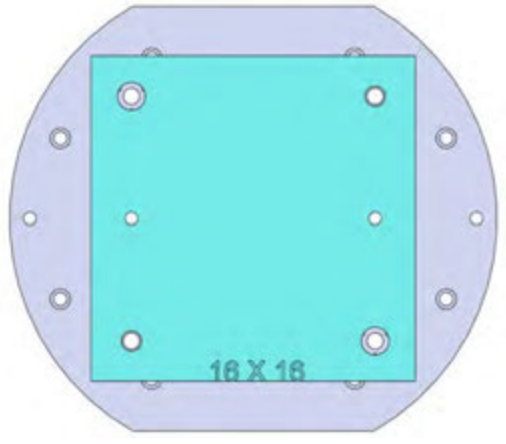
28706 Aluminum

28806 Steel



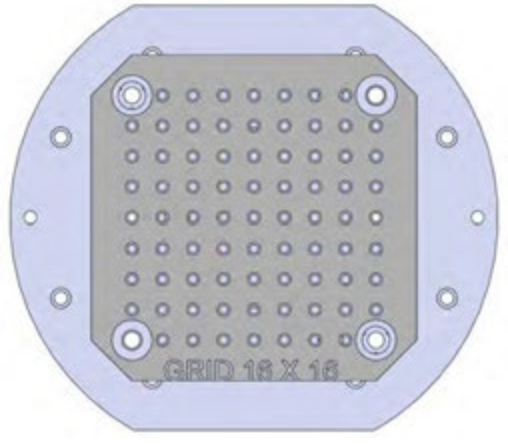
28713 Aluminum

28813 Steel



28715 Aluminum

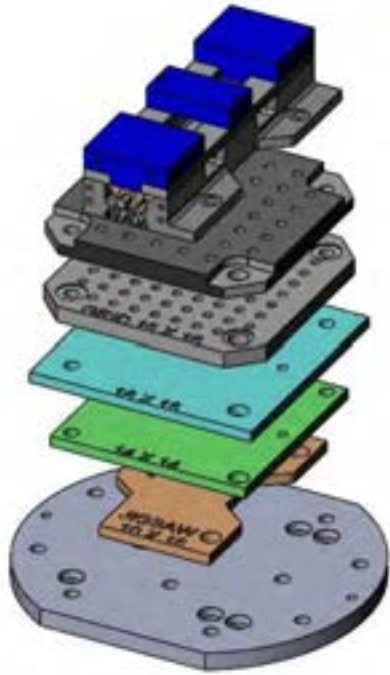
28815 Steel



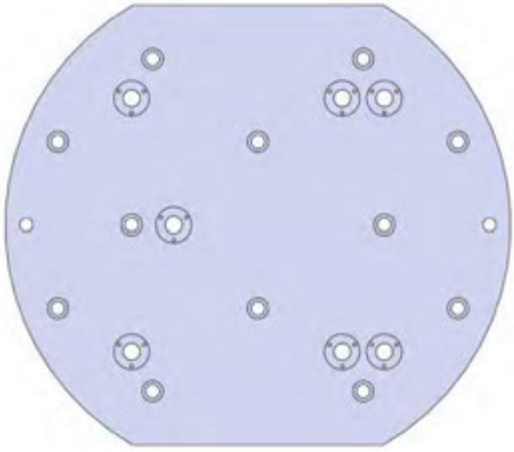
28801 Steel

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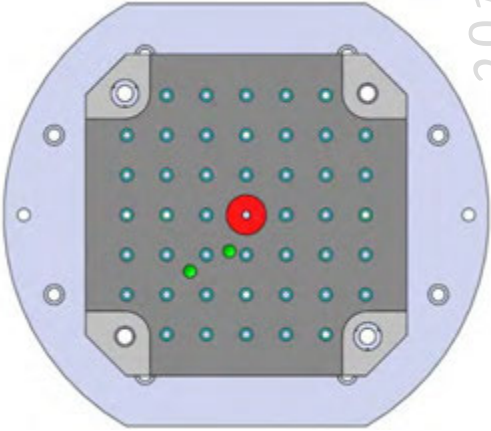
VTXUi-005(continued)



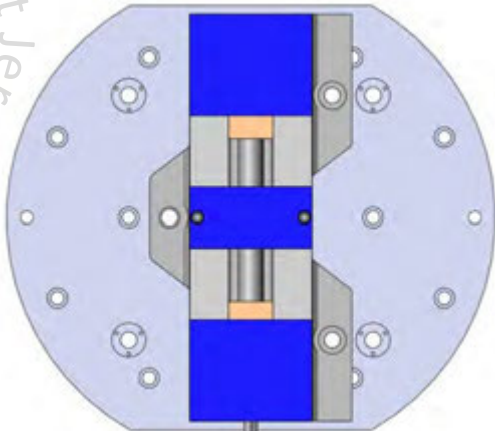
24 DIA X 20.866 X 1.25



□ VTXUi-005



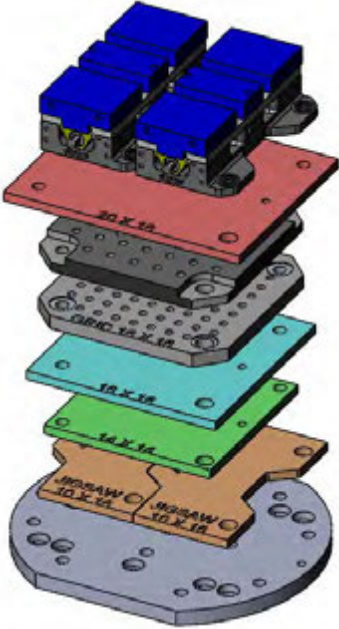
□ 28802 Steel



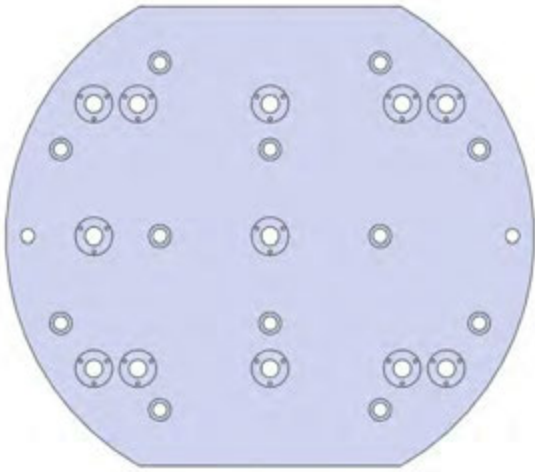
□ 49406 6" Vise Ball-Lock® base

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VTXUi-006

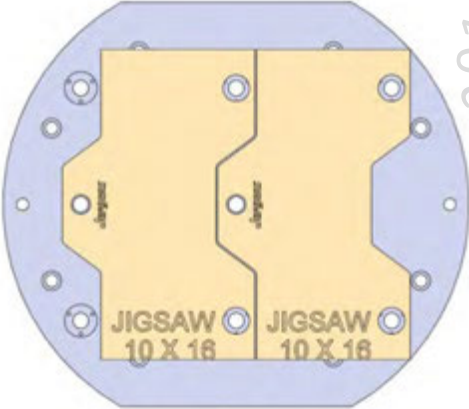


24 DIA X 20.866 X 1.25



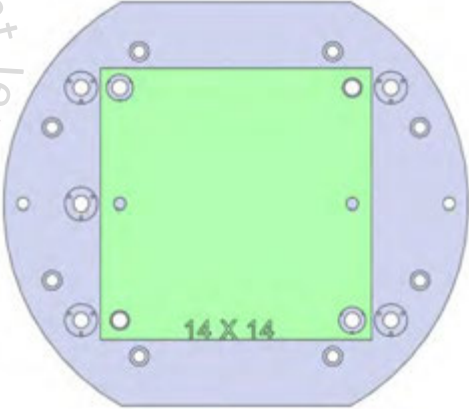
VTXUi-006

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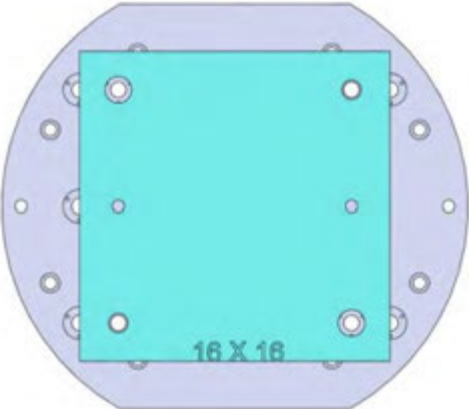
28706 Aluminum

28806 Steel



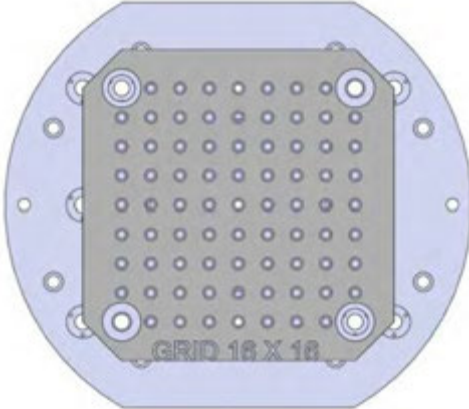
28713 Aluminum

28813 Steel



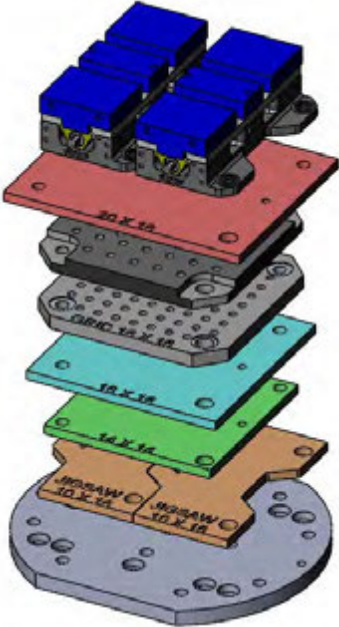
28715 Aluminum

28815 Steel

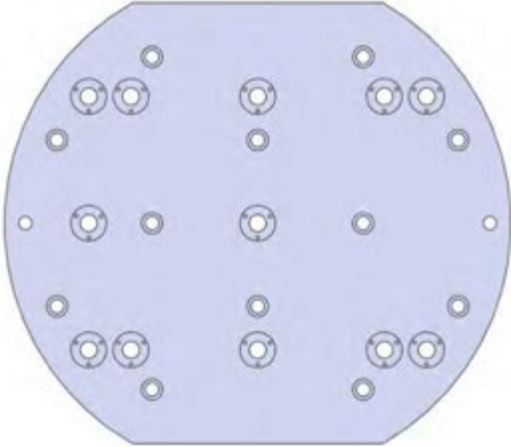


28801 Steel

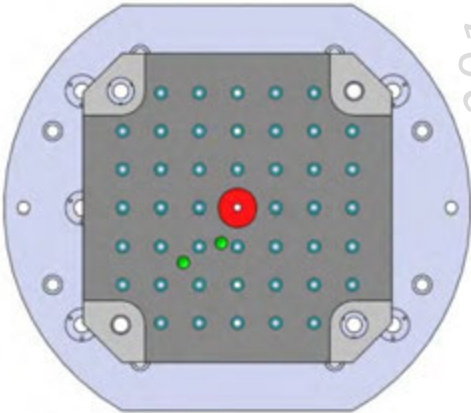
VTXUi-006(continued)



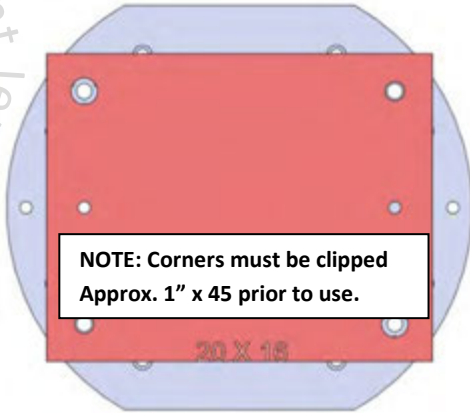
24 DIA X 20.866 X 1.25



□ VTXUi-006



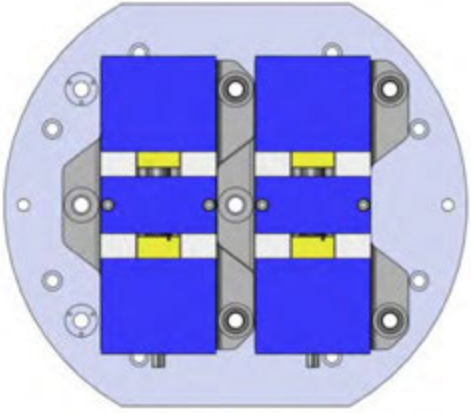
□ 28802 Steel



NOTE: Corners must be clipped  
Approx. 1" x 45 prior to use.

□ 28719 Aluminum

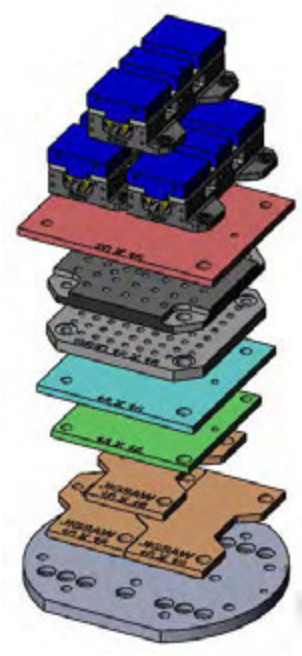
□ 28819 Steel



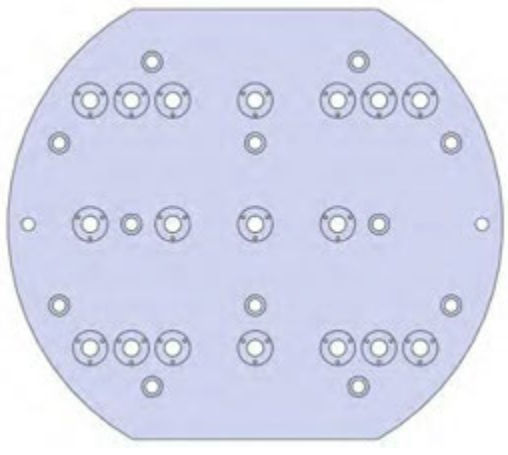
□ 49496 6" Short Vise Ball-Lock® base

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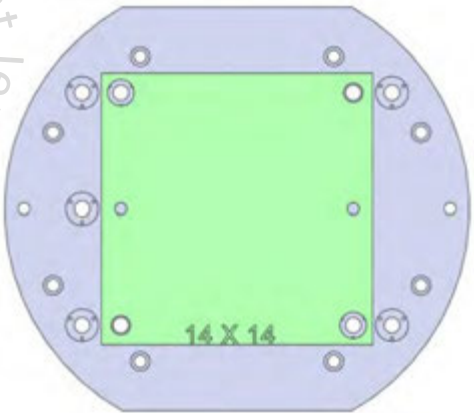
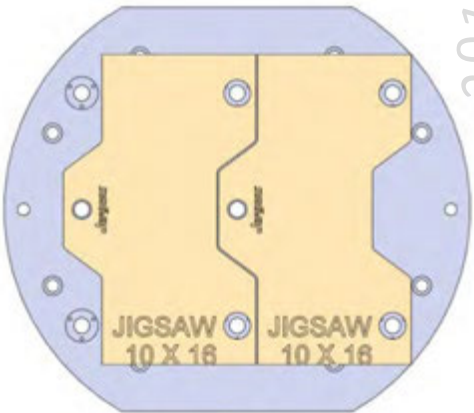
VTXUi-007



24 DIA X 20.866 X 1.25



☒ VTXUi-007



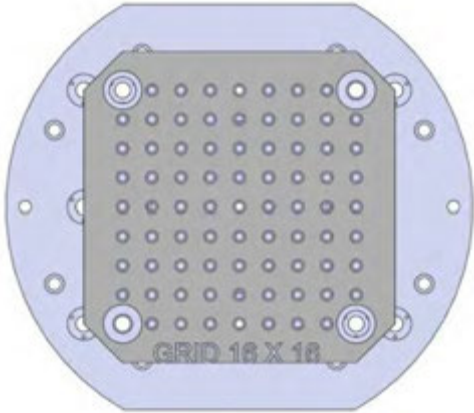
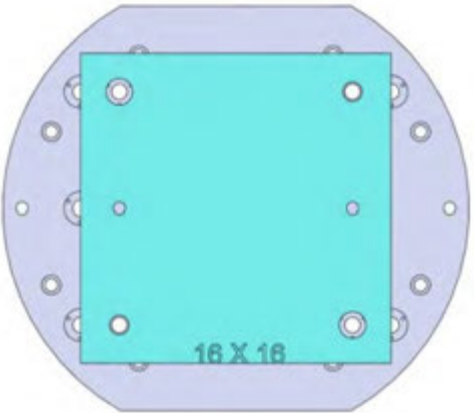
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28706 Aluminum

28806 Steel

28713 Aluminum

28813 Steel



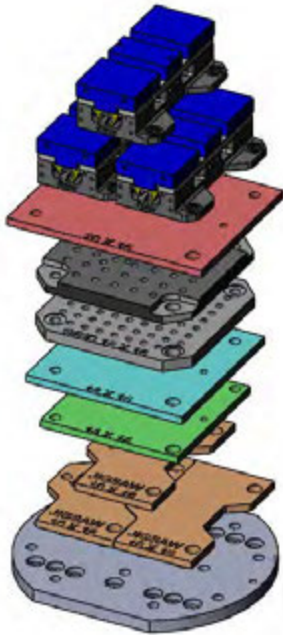
28715 Aluminum

28815 Steel

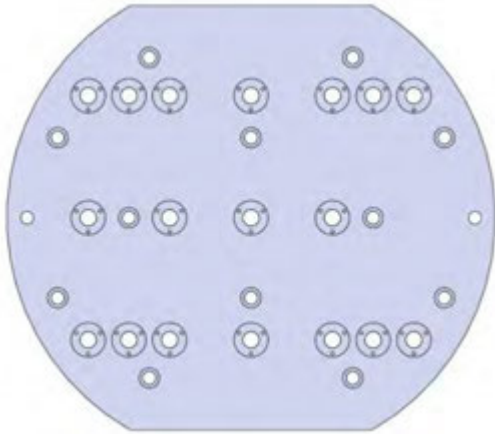
28801 Steel



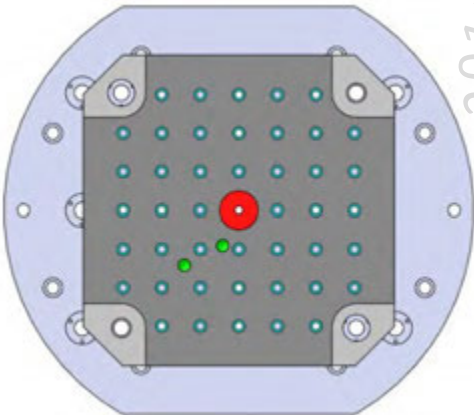
VTXUi-007(continued)



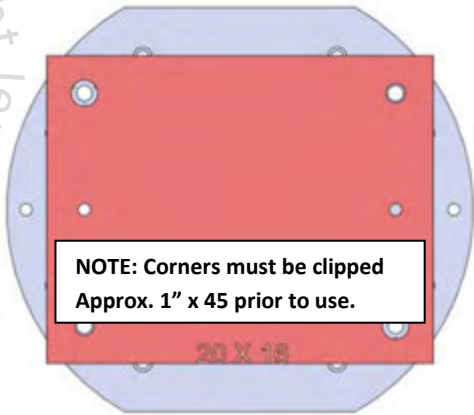
24 DIA X 20.866 X 1.25



VTXUi-007

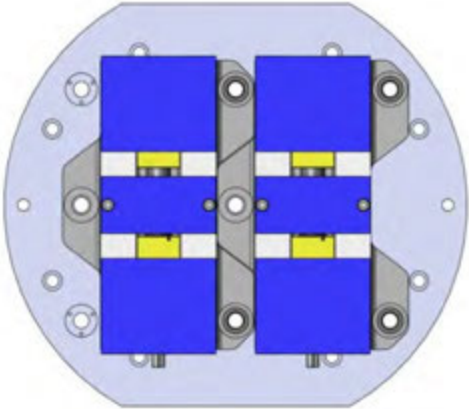


28802 Steel



28719 Aluminum

28819 Steel



49496 6" Short Vise Ball-Lock® base

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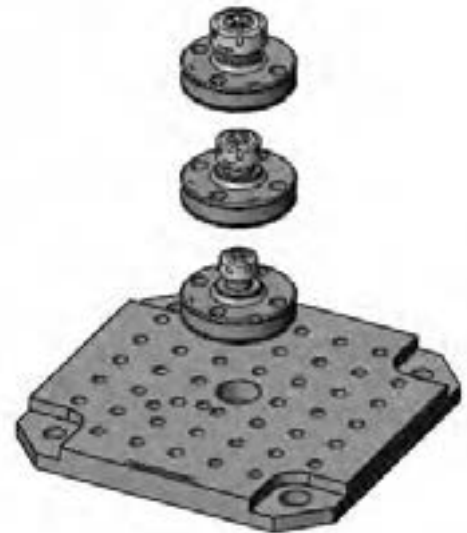
# Fixture Pro 5 Axis Quick Change Fixturing



DOVETAIL VISES



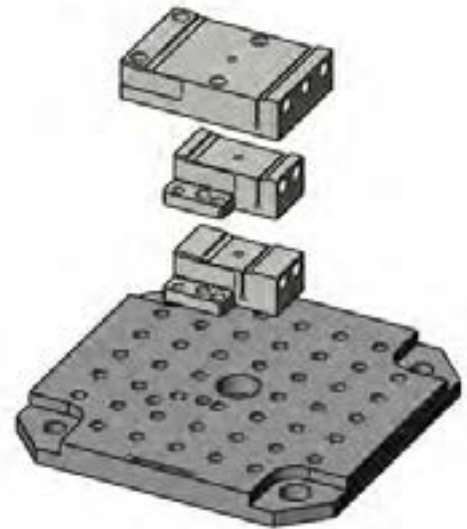
RISERS



ER COLLET FIXTURES



DROP & LOCK  
PALLET CHANGERS



BLOCK  
DOVETAIL VISES

# Mounting Hardware

SUBPLATE P/N	QTY	T-NUT P/N	QTY	SINE-KEY P/N	QTY	SHCS P/N	QTY
VMX24i-001	1	43378	9	39564	2	770182	9
VMX24i-002	1	43378	8	39564	2	770182	8
VMX24i-003	1	43378	8	39564	2	770182	8
VMX24i-004	1	43378	9	39564	2	770182	9
VMX24i-005	1	43378	9	39564	2	770182	9
VMX24i-006	1	43378	8	39564	2	770182	8
VMX24i-007	1	43378	8	39564	2	770182	8
VMX24i-008	1	43378	9	39564	2	770182	9
VMX30i-001	1	43378	12	39564	2	770182	12
VMX30i-002	1	43378	12	39564	2	770182	12
VMX30i-003	1	43378	12	39564	2	770182	12
VMX30i-004	1	43378	12	39564	2	770182	12
VMX30i-005	1	43378	12	39564	2	770182	12
VMX30i-006	1	43378	12	39564	2	770182	12
VMX30i-007	1	43378	12	39564	2	770182	12
VMX30i-008	1	43378	12	39564	2	770182	12
VMX30i-009	1	43378	12	39564	2	770182	12
VMX30i-010	1	43378	12	39564	2	770182	12
VMX42i-001	1	43378	15	39564	2	770182	15
VMX42i-002	1	43378	15	39564	2	770182	15
VMX42i-003	1	43378	14	39564	2	770182	14
VMX42i-004	1	43378	14	39564	2	770182	14
VMX42i-005	1	43378	15	39564	2	770182	15
VMX42i-006	1	43378	15	39564	2	770182	15
VMX42i-007	1	43378	14	39564	2	770182	14
VMX42i-008	1	43378	14	39564	2	770182	14
VMX50i-001	1	43378	15	39564	2	770182	15
VMX50i-002	1	43378	15	39564	2	770182	15
VMX50i-003	1	43378	15	39564	2	770182	15
VMX50i-004	1	43378	15	39564	2	770182	15
VMX50i-005	1	43378	15	39564	2	770182	15
VMX50i-006	1	43378	15	39564	2	770182	15
VMX50i-007	1	43378	15	39564	2	770182	15
VMX50i-008	1	43378	15	39564	2	770182	15
VMX50i-009	1	43378	15	39564	2	770182	15
VMX60i-001	1	43378	18	39564	2	770182	18
VMX60i-002	1	43378	18	39564	2	770182	18
VMX60i-003	1	43378	18	39564	2	770182	18
VMX60i-004	1	43378	18	39564	2	770182	18
VMX60i-005	1	43378	18	39564	2	770182	18
VMX64i-001	1	43378	18	39564	2	770182	18
VMX64i-002	1	43378	18	39564	2	770182	18
VMX64i-003	1	43378	18	39564	2	770182	18
VMX64i-004	1	43378	18	39564	2	770182	18
VMX64i-005	1	43378	18	39564	2	770182	18

# Mounting Hardware

SUBPLATE P/N	QTY	T-NUT P/N	QTY	SINE-KEY P/N	QTY	SHCS P/N	QTY
VTXUi-001	1	43378	12	39564	2	771990	12
VTXUi-002	1	43378	12	39564	2	771990	12
VTXUi-003	1	43378	12	39564	2	771990	12
VTXUi-004	1	43378	12	39564	2	771990	12
VTXUi-005	1	43378	12	39564	2	771990	12
VTXUi-006	1	43378	12	39564	2	771990	12
VTXUi-007	1	43378	12	39564	2	771990	12

FIXTURE PLATE ALUMINUM PART NO	ORDER QTY	FIXTURE PLATE STEEL PART NO	ORDER QTY	BALL-LOCK SHANKS PART NO	QTY OF SHANKS REQUIRED PER FIXTURE PLATE	ORDER QTY
		28801		49602	4	
		28802		49601	4	
28705		28805		49601	3	
28706		28806		49601	3	
28711		28811		49601	4	
28713		28813		49601	4	
28715		28815		49601	4	
28719		28819		49601	4	
28727		28827		49612	4	
28745		28845		49612	4	
28746		28846		49612	4	

BALL-LOCK BASE VISE 4"	ORDER QTY	BALL-LOCK SHANKS PART NO	QTY OF SHANKS REQUIRED PER FIXTURE PLATE	ORDER QTY
49405		49601	3	

BALL-LOCK BASE VISE 6"	ORDER QTY	BALL-LOCK SHANKS PART NO	QTY OF SHANKS REQUIRED PER FIXTURE PLATE	ORDER QTY
49406		49601	3	

BALL-LOCK BASE VISE 6" SHORT	ORDER QTY	BALL-LOCK SHANKS PART NO	QTY OF SHANKS REQUIRED PER FIXTURE PLATE	ORDER QTY
49496		49601	3	