



## **Precision Workholding Technology**

DYNOMOUNT™ 20-DEGREE PYRAMIDS



## PYRAMIDS

DynoMount three-sided 52 series pyramids are designed for use with Mate DynoLock 52 series bases and use a chambered design for weight reduction. Features Mate's QuickSpecs™ QR code tag that is smartphone enabled and 3D graphic supported, with links to full product specs and CAD files. Designed to be pull stud mounted to a compatible base, pyramids are also direct-to-table mount ready. Compatible with some competitor bases when used with applicable bushings and hardware. Available as a pyramid only or assembled with DynoLock bases.

### Product highlights:

- Pyramids allow for nesting more parts within the machine, especially 5-axis machines. With its shorter 90mm height and 20-degree presentation angle, Mate's DynoMount 20-degree pyramid fits within a more compact environment.
- Optimal for use in Matsuura MAM72-35 or MX-330/420 environments. Also universal for use with other 5-axis machines.
- Will direct mount to the machine pallet.
- Will allow for direct mount of Mate's standard DynoGrip™ vises in the future.
- Uses/compatible with Mate DynoLock™ M5MBR-116-01 round base.
- Made in USA.

Scan code to launch  
pyramid page



*[Dimensions in mm(in)]. Images are proportionate but not to scale.*



## M50P3-090

	Information	Ref Part Number	Metric	Imperial
Part Number		M50P3-90		
Family	DynoMount			
Product	Pyramid Only 3-Sided			
Product Version	52			
Product Type	Pyramid 3-Side, Round Base			
Overall Diameter			265mm	10.43"
Overall Height			90mm	3.54"
Overall Weight			8.3kg	18.3lbs
Angle	20 Degrees			
Bolts for attaching DynoLock Base	Included	M10x1.5 X 30		
Precision Bushing (Required)	Included	M00AC-BU		
Pull Studs Included, 4	20mm			
Mounting to Machine Table				
Mounting Bores - Quantity	10			
Mount to Table Option 1			70mm	2.76"
Mount to Table Option 2			97mm	3.83"
Custom Mounting Variations	Requires Technical Review			
	<b>Description</b>	<b>Ref Part Number</b>	<b>Quantity</b>	
Assembled Configuration	52 Pyramid w 52 Bases	M50P3-090-01	1	
DynoLock Bases Included and Installed	Yes	M5MBR-116-01	3	
Overall Weight			13.6kg	30.0lbs

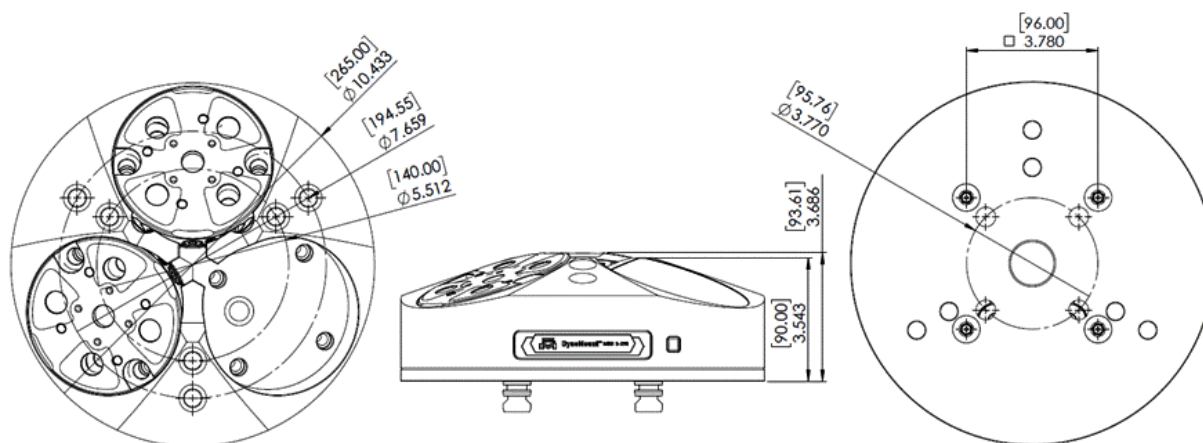
## Mount Base - M50P3-090



## Mount Assembly - M50P3-090-01



## Key Dimensions



Note: The 95.76mm (3.77") diameter pattern is designed to fit both the 95mm and 3.8 inch pallet patterns utilized by the Matsuura MAM72-35V pallet.



## **MATE PRECISION TECHNOLOGIES** GLOBAL COVERAGE

### **WORLDWIDE HEADQUARTERS:**

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