

WORKHOLDING

DYNOMOUNT™

QUICK START GUIDE

ENGLISH

MATE
M **PRECISION**
TECHNOLOGIES

DYNOMOUNT™

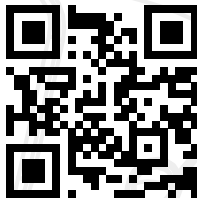
Quick Start Guide



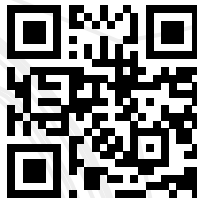
THANK YOU FOR YOUR PURCHASE

Proper and timely information is key to successfully doing your job. To support your success, Mate provides all the information you need — at your fingertips — when and wherever you need it.

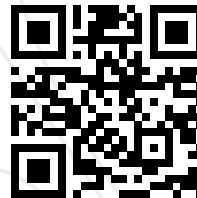
To get started, scan one of the QR codes below or scan the QuickSpecs™ 2D bar code on the vise itself.
See *Using QuickSpecs™* at right.



**INSTRUCTIONS/
MAINTENANCE**



ORDER ONLINE



CATALOG

USING QUICKSPECS™

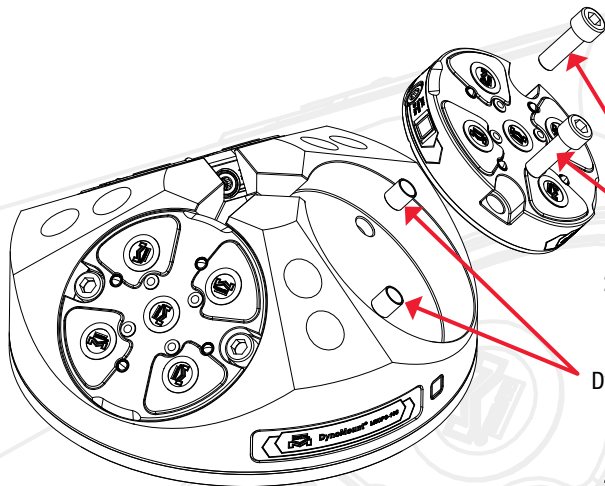
The Mate 52/96 zero point workholding system includes QuickSpecs™, a unique product identification system that provides real-time access to product information and potential integration into your business systems.



Simply use your smart phone and scan the 2D bar code on the side of the product. You will have access to all information about the product — including CAD files, full product instructions and more — all related to the specific serial number of the item.

Click the Link adjacent to the “Email Link” and use your phone to email a link to yourself. When you receive the email on your desktop computer, you will see a link to the on-line repository for the CAD models.

DYNAMOUNT™ OVERVIEW:

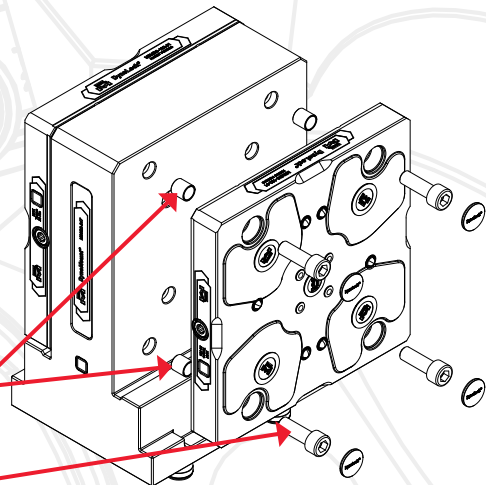


52/96 PYRAMID MOUNTS

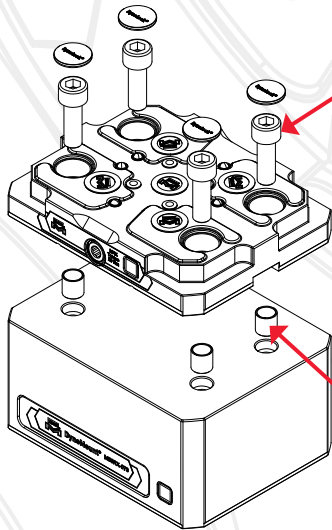
2x Socket Head Cap Screw
M10x1.50 X 30 Din 912-12.9

DynoMount Precision Bushing
2x or 4x per mount

4x Socket Head Cap Screw
M10x1.50 X 30 Din 912-12.9



52/96 DUAL RIGHT ANGLE MOUNT



52/96 RISER MOUNTS
33mm or 72mm height

4x Socket Head Cap Screw
M10x1.50 X 30 Din 912-12.9

Bushing and Bolt Kits:

M00AC-BU DynoMount 4-piece precision
bushing and bolt kit

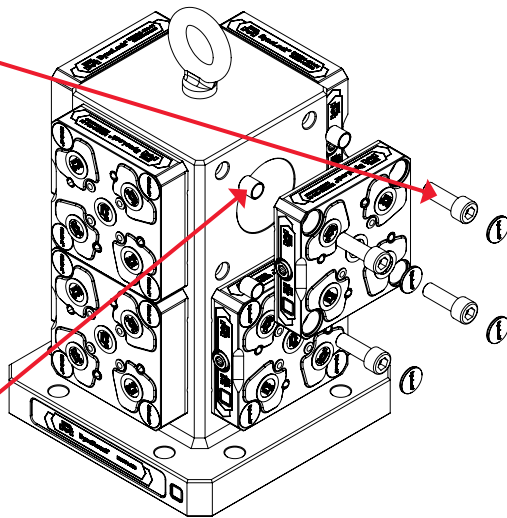
M00AC-BU-01 DynoMount 24-piece precision
bushing and bolt kit for 3-sided tombstone 260mm
height with DynoLock-52 base

M00AC-BU-02 DynoMount 32-piece precision
bushing and bolt kit for 4-sided tombstone 260mm
height with DynoLock-52 bases

M00AC-BU-03 DynoMount 48-piece precision
bushing and bolt kit for 4-sided tombstone 668mm
height with DynoLock-96 bases

M00AC-BU-04 DynoMount 80 piece precision
bushing and bolt kit for 4-sided tombstone 668mm
height with DynoLock-52 bases

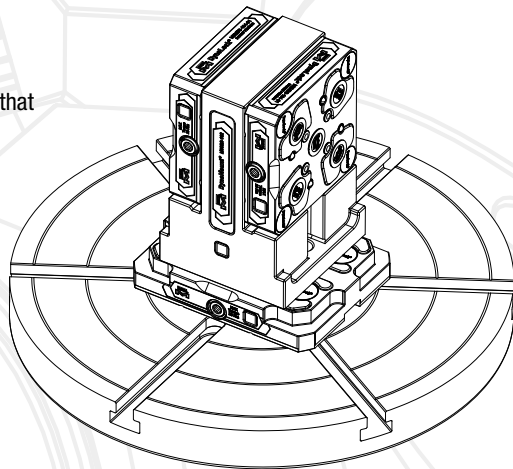
4x DynoMount Precision Bushing



52/96 TOMBSTONE MOUNT
3 or 4 sided

BASIC OPERATION

1. Clean machine table and/or base
 - Remove any metal bits, chips, or machining swarf
2. Begin with a clean DynoMount assembly
 - Remove any metal bits, chips, or machining swarf
3. Set the DynoMount mount on to the machine table or to the appropriate 52/96 family base that is mounted to the machine table
4. Attach DynoMount to machine table or base with appropriate mounting method
 - All DynoMount mounts come pre-installed with pull studs except M90T4-668 (DynoMount 96 family) Tombstones
 - See your machine operation manual for specifications to install M90T4-668 (DynoMount 96 family) Tombstones
5. DynoMount is ready to accept a base installation
 - Clean and lightly oil contact surfaces for optimum operation
 - Remove M10 socket head cap screw if not removed and set aside
 - Align base counter bored mounting locations with bushings
 - Insert M10 socket head cap screw and turn clockwise with M8 hex wrench until tight
 - Torque cap screws to 87 Nm or 64 ft-lb.



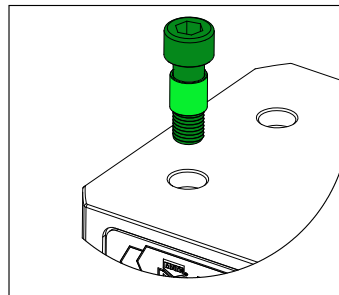
PRECISION BUSHING INSTALLATION

For Tombstone, Pyramid and Dual Right Angle mounts

1. Slide precision bushings into counter-bored threaded holes
2. Bushings are a slide fit for easy installation and removal
3. Place DynoLock base over installed bushings
4. Insert M10 socket head cap screw
5. Tighten M10 socket head cap screw with M8 hex wrench clockwise until tight
 - Torque M10 socket head cap screw to 87 Nm or 64 ft-lb

For Riser mounts only

1. Combine precision bushings with M10 socket head cap screw (see figure at right)
2. Bushings are a press fit for better accuracy
3. Insert into appropriate counter-bored threaded holes
4. Turn clockwise with hand held hex wrench to seat the bushing in to the DynoMount body
5. Stop when bushing and M10 socket head cap screw reach a positive stop
 - CAUTION: DO NOT over-tighten
6. Repeat in all four holes — all bushings are now installed
7. Remove M10 socket head cap screw and set aside
8. Position appropriate DynoLock base over bushings, seat and then re-insert cap screws
9. Tighten M10 socket head cap screw with M8 hex wrench clockwise until tight
 - Torque M10 socket head cap screw to 87 Nm or 64 ft-lb



For Risers Only

The bushing has a light press to allow for better accuracy. The bushing is not removable after installation.



MATE PRECISION TECHNOLOGIES GLOBAL COVERAGE

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