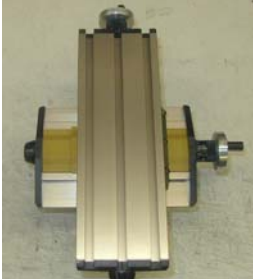







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## Proxxon MF70 CNC Kit Installation (Mechanical Only X & Y Axes)

Position X/Y table to perform work.	
Remove end cover from lead screw	
Remove locknut from lead screw (Y and Z axes are Left hand thread)	
Remove lead screw from axis	

KDN Tool & Automation Engineering Co. LLC will not be held responsible for injuries sustained while operating CNC machinery retrofit by us or with one of our kits.

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Remove axis end plate	
Remove “ears” from lead screw cover (Y axis only)	
Remove vernier dial to reveal hand wheel retaining pin. Remove pin.	
Remove the hand wheel	
Cut @ .600” (15.25mm) from turned end of lead screw	
Install bronze bushing onto turned end of lead screw	
Install 5mm thrust bearing onto turned end of lead screw (be sure to grease the bearing)	






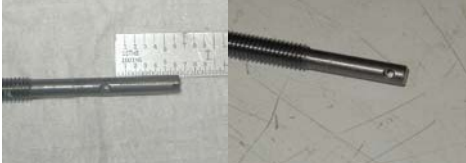



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<p>Install shaft coupling hub and pin in place</p>	
<p>Tap mounting holes in table or base with supplied #5-40 tap</p>	
<p>Position proper motor mount and fasten in place with included #5-40 X .750" socket cap screws</p>	
<p>Replace lead screw into axis (be sure to seat bronze bushing into hole in motor mount.)</p>	
<p>Replace locknut and lead screw end cap</p>	
<p>Axis is now finished. Proceed to next axis</p>	



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Proxxon MF70 CNC Kit Installation  
 (Mechanical Only Z Axis)




Remove 4 screws from Z axis lead screw mount. Remove lead screw & mount.	
Remove lead screw from mount then remove vernier dial from hand wheel.	
Remove hand wheel retaining pin. Remove hand wheel.	
Cut @ .600" (15.25mm) from turned end of lead screw.	
Install steel shim sleeve onto turned end of lead screw.	
Install bronze bushing onto lead screw.	
Install 5mm thrust bearing onto lead screw.(be sure to grease bearing)	

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<p>Install shaft coupling hub and pin into place with included spring pin.</p>	
<p>Install lead screw into motor mount housing then install 6mm thrust bearing, spring washer, and locknut on underside of motor housing. Tighten locknut as needed to yield a taught yet free-running assembly.</p>	
<p>Install motor mount housing onto column top plate and secure with two included #8-32 socket cap screws.</p>	
<p>Install Z axis assembly onto machine column and fasten with 4 included M3 X 12mm socket cap screws.</p>	
<p>Axis is now ready for motor installation.</p>	