

# [High Precision] Z-Axis Dovetail Slide, Feed Screw

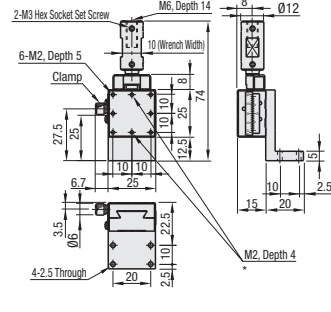
## Extended Knob / Reinforced Clamp

■ **Features:** Effective when feed knobs are difficult to turn due to the carriage mounted objects interfere, or when the knobs are hard to reach since the stage is deeply embedded inside a machine.

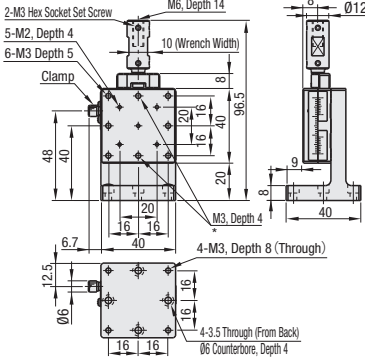
■ **Z-Axis, Extended Knob**  
(Lead 0.5mm)

X-Axis **P.1898**  
XY-Axis **P.1934**

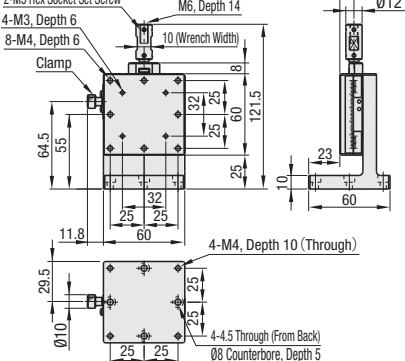
**ZEGL25**



**ZEGL40**



**ZEGL60**



\* The depth will be short due to the stage shape.

Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness (μm)	Moment Load Capacity (N · m)	Pitching	Yawing	Rolling	Weight (kg)	Accessory (4 pcs.)	Unit Price
<b>ZEGL</b>		25	25x25	±5	0.5	9.8	30	2.0	1.5	1.5	0.12	0.12	SCB2-8	
		40	40x40	±7		9.8								
		60	60x60	±9		19.6								

Resolution (Vernier Scale Indication): 0.1mm/division

Extension Cover HDEXT12 (Sold Separately): Ø12 feed screw knob can be extended. **P.2004**

XY-Axis Mounting Plate XPLTE: Use this plate when connecting stages with non-matching mounting holes. **P.1915**

Ordering Example  
Part Number  
**ZEGL60**



Alterations

Part Number - (R)  
**ZEGL60 - R**

Alteration Clamp Position Change (Right / Left Reversed)

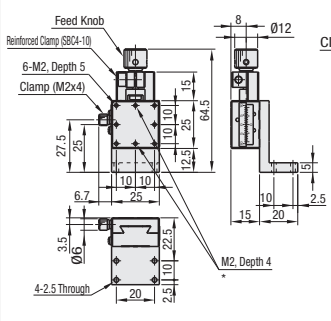
Spec.  
Code  
**R**

■ **Features:** Z-Axis stage feed knob shaft is directly clamped with a split clamp for improved position holding performance.

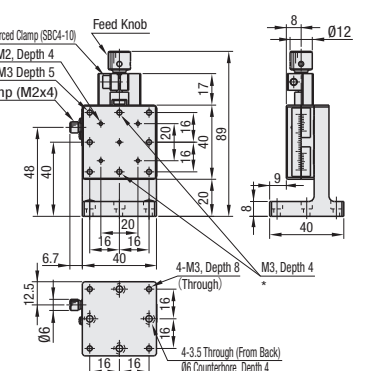
■ **Z Axis, Reinforced Clamp**  
(Lead 0.5mm)

X-Axis **P.1898**  
XY-Axis **P.1934**

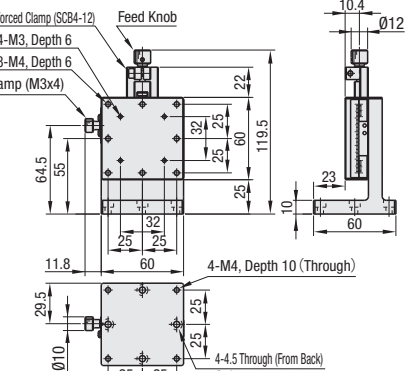
**ZEGCL25**



**ZEGCL40**



**ZEGCL60**



\* The depth will be short due to the stage shape.

Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness (μm)	Moment Load Capacity (N · m)	Pitching	Yawing	Rolling	Weight (kg)	Accessory (4 pcs.)	Unit Price
<b>ZEGCL</b>		25	25x25	±5	0.5	9.8	30	2.0	1.5	1.5	0.10	0.10	SCB2-8	
		40	40x40	±7		9.8								
		60	60x60	±9		19.6								

Resolution (Vernier Scale Indication): 0.1mm/division

Extension Cover HDEXT12 (Sold Separately): Ø12 feed screw knob can be extended. **P.2004**

XY-Axis Mounting Plate XPLTE: Use this plate when connecting stages with non-matching mounting holes. **P.1915**

There will be residual clearances with carriage retaining only with a Reinforced Clamp. Use a Clamp Screw in combination.

Ordering Example  
Part Number  
**ZEGCL40**



Alterations

Part Number - (R)  
**ZEGCL60 - R**

Alteration Clamp Position Change (Right / Left Reversed)

Spec.  
Code  
**R**

# [Simplified Adjustments] Z-Axis, Feed Screw

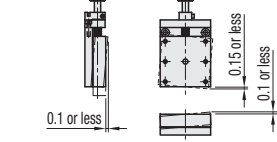
## For Set-Up Changes, For First Time Installment

■ **Features:** Z-axis unit that can support a load. Suitable for camera and dispenser setup changes, with little backlash and a scale.

■ **Z-Axis, For Set-Up Changes**

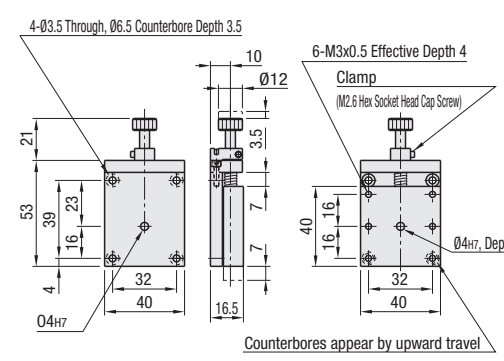
**RoHS10**

■ **Accuracy Standards**

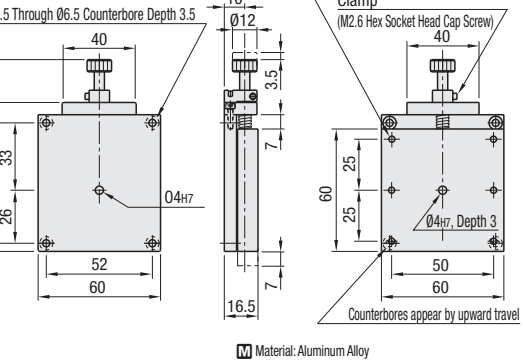


Not recommended for precise positioning due to its clearance shown on the left.

**XKDSP40**



**XKDSP60**



Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Weight (kg)	Unit Price
<b>XKDSP</b>		40	40x40	±6	19.6	0.10	
		60	60x60	±6	39.2	0.19	

Travel per Rotation: 1.5mm Minimum Graduation: 0.5mm

The allowable loads are for using in Z-Axis configuration (in the orientation shown in the photo).

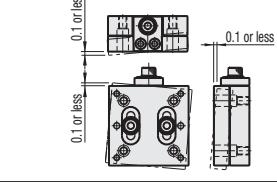
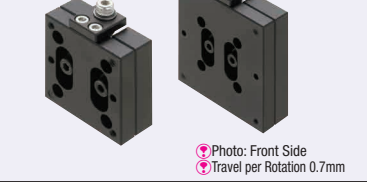
Ordering Example  
Part Number  
**XKDSP60**

■ **Features:** Z-axis unit that can support a load. The nylon coated nut used has little backlash. Suitable for infrequently adjusted axis such as on cameras, etc.

■ **Z-Axis, For First Time Installment**

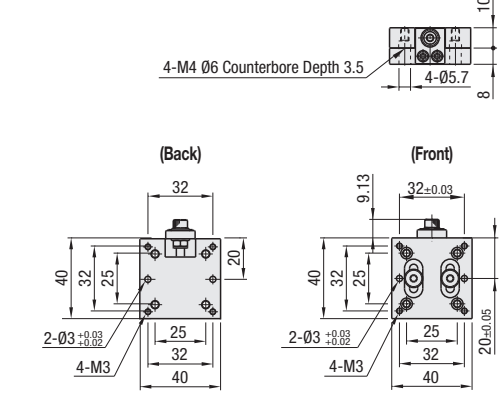
**RoHS10**

■ **Accuracy Standards**

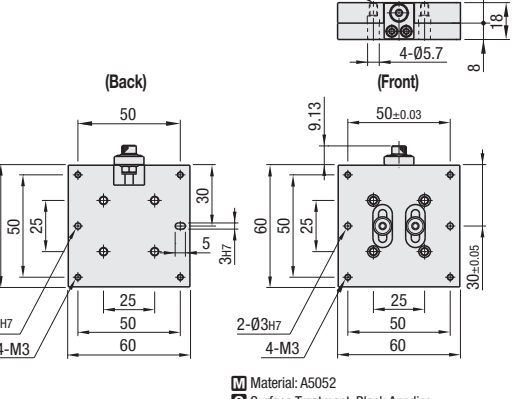


Not recommended for precise positioning due to its clearance shown on the left. Values are obtained before shipping.

**XKEMA40**



**XKEMA60**



Can be tightened from the front with Hex Socket Head Cap Screw M3 and from back with M4.

Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Weight (g)	Unit Price
<b>XKEMA</b>		40	40x40	±3	49	70	
		60	60x60	±5	98	160	

The allowable loads are for using in Z-Axis configuration (in the orientation shown in the photo).

Ordering Example  
Part Number  
**XKEMA40**

Material: A5052  
Surface Treatment: Black Anodize  
Accessory: Dowel Pin MS3-10, 2pcs.  
Hex Socket Head Cap Screw CB3-10, 4 pcs.