

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

Extended Knob / Reinforced Clamp

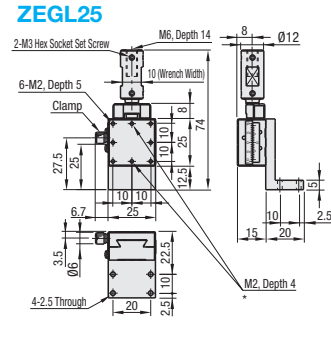
■ **Features:** Effective when feed knobs are difficult to turn due to the carriage mounted objects interfere, or when the knobs are hard to reach since the stage is deeply embedded inside a machine.

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

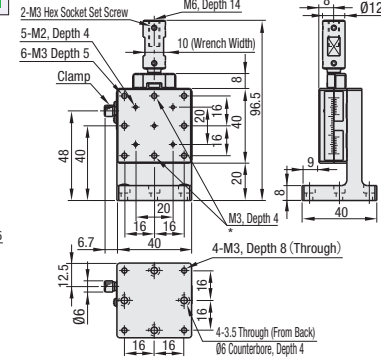


X-Axis **P.1898**
XY-Axis **P.1934**

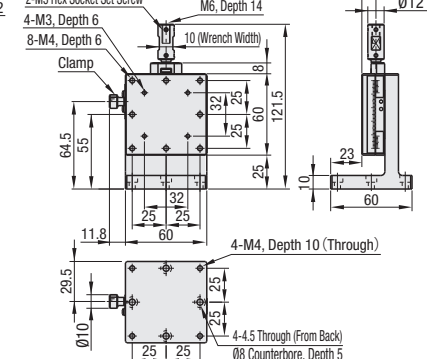
RoHS 10



ZEGL40



ZEGL60



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

Material: (Main Body) Low Cadmium Brass (Feed Knob) Low Cadmium Brass
Surface Treatment: Black Fluororesin Treatment

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
ZEGL		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

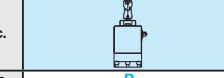
Part Number - (R)
ZEGL60 - R

See the CAD data for details.

Alteration Clamp Position Change (Right / Left Reversed)

Spec.

Code

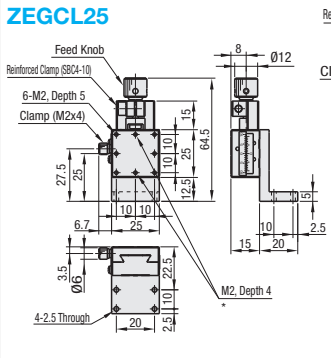


■ **Features:** Z-Axis stage feed knob shaft is directly clamped with a split clamp for improved position holding performance.

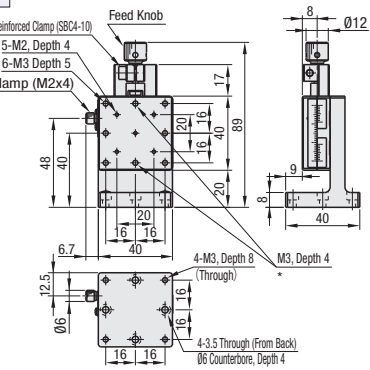
■ **Z Axis, Reinforced Clamp**
(Lead 0.5mm)



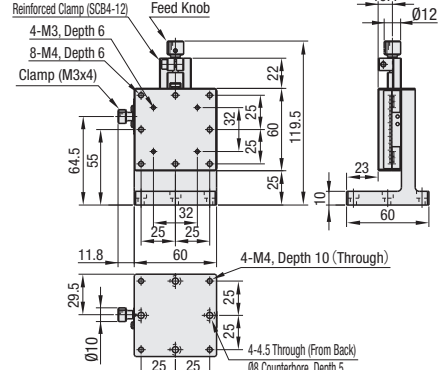
RoHS 10



ZEGCL40



ZEGCL60



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

Material: (Main Body) Low Cadmium Brass (Feed Knob) Aluminum
Surface Treatment: Black Fluororesin Treatment

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
ZEGCL		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

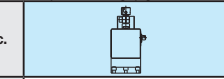
See the CAD data for details.

When alteration R is specified for ZEGCL, reinforced clamp position will not change.

Alteration Clamp Position Change (Right / Left Reversed)

Spec.

Code



[Simplified Adjustments] Z-Axis, Feed Screw

For Set-Up Changes, For First Time Installment

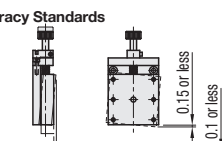
■ **Features:** Z-axis unit that can support a load. Suitable for camera and dispenser setup changes, with little backlash and a scale.

■ **Z-Axis, For Set-Up Changes**



RoHS 10

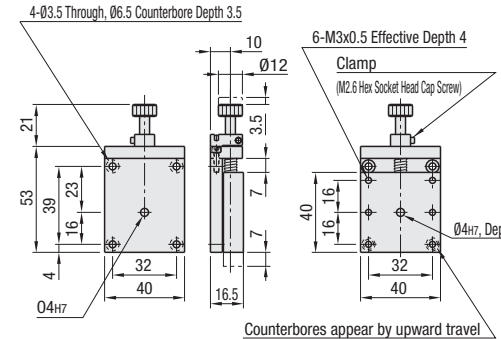
■ **Accuracy Standards**



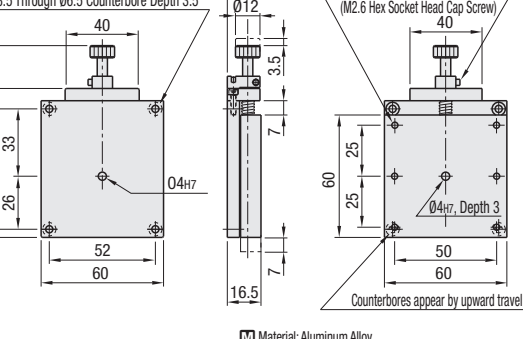
Travel per Rotation: 1.5mm

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

XKDSP40



XKDSP60



Material: Aluminum Alloy
Surface Treatment: Black Anodize
Accessory: Hex Socket Head Cap Screw CB3-10, 4 pcs.

Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Weight (kg)	Unit Price
XKDSP		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**



RoHS 10

■ **Accuracy Standards**

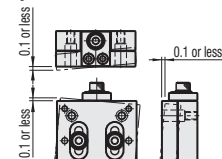
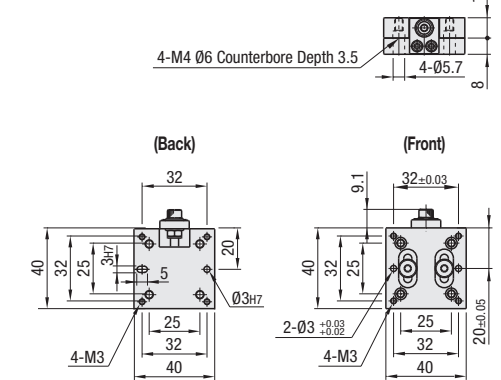


Photo: Front Side
Travel per Rotation 0.7mm

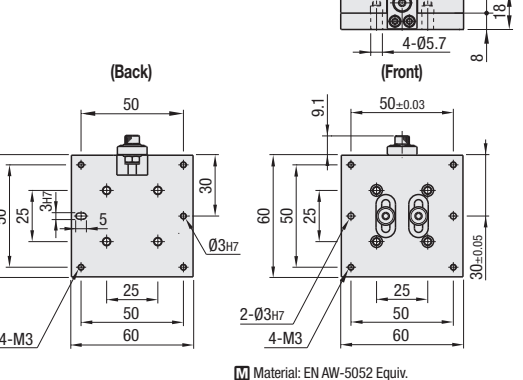
Not recommended for precise positioning due to its clearance shown on the left.

Values are obtained before shipping.

XKEMA40



XKEMA60



Material: EN AW-5052 Equiv.
Surface Treatment: Black Anodize
Accessory: Dowel Pin MS3-10, 2pcs.
Hex Socket Head Cap Screw CB3-10, 4 pcs.

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
XKEMA		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