

[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)



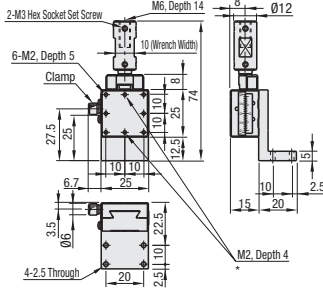
RoHS 10

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

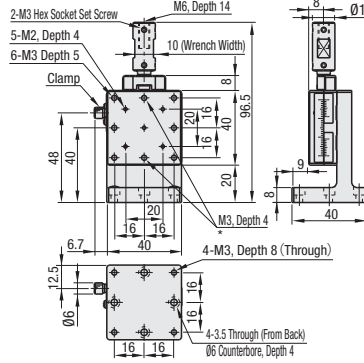
Tips: Knob Extension Method

Knob length and diameter can be increased by utilizing the M6, Depth 14 tapped hole.
(Ex.) Seven Lobed Knob (P.1171) NKSM6-30 can be mounted to extend the knob by 36mm.
Use adhesive to prevent the knob extension from pulling off.

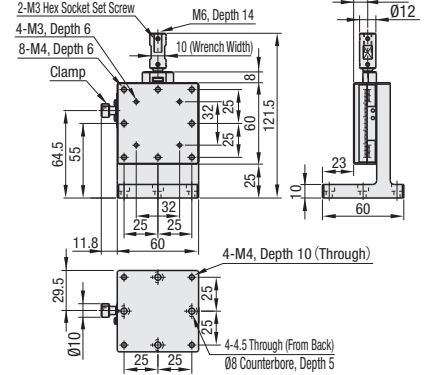
ZEGL25



ZEGL40



ZEGL60



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

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

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)			Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price
							Pitching	Yawing	Rolling			
ZEGL	25	25x25	±5	0.5	9.8	30	2.0	1.5	1.5	0.12	SCB2-8	
	40	40x40	±7		9.8		4.0	3.0	3.0	0.27	SCB3-8	
	60	60x60	±9		19.6		5.0	4.0	4.0	0.71	SCB4-10	

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**



Alterations



Part Number - (R)
ZEGL60 - R
See the CAD data for details.

Alteration Clamp Position Change (Right / Left Reversed)

Spec.	Code
	R



Ordering Example
Part Number **ZEGL60**

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

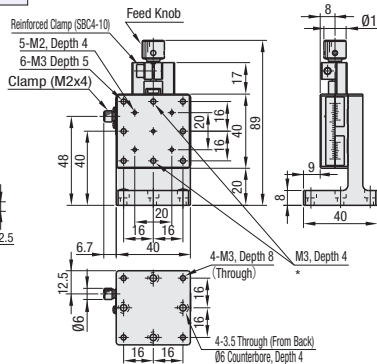
Z Axis, Reinforced Clamp
(Lead 0.5mm)



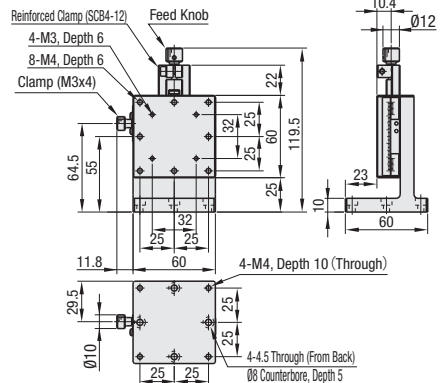
RoHS 10

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

ZEGCL40



ZEGCL60



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

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

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)			Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price
							Pitching	Yawing	Rolling			
ZEGCL	25	25x25	±5	0.5	9.8	30	2.0	1.5	1.5	0.10	SCB2-8	
	40	40x40	±7		9.8		4.0	3.0	3.0	0.27	SCB3-8	
	60	60x60	±9		19.6		5.0	4.0	4.0	0.71	SCB4-10	

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.



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
	R



Ordering Example
Part Number **ZEGCL40**