

[Standard] Z-Axis Dovetail Slide, Feed Screw

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

Standard, Hex Wrench Drive

Points on Similar Product Comparison | Travel Accuracy Straightness 50μm

P.1962

Features: Z-Axis Stages with fine feeding of 0.5mm lead.

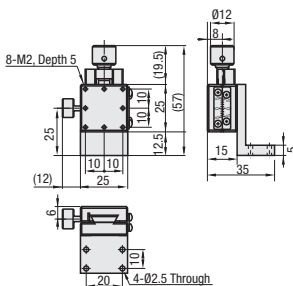
Z-Axis



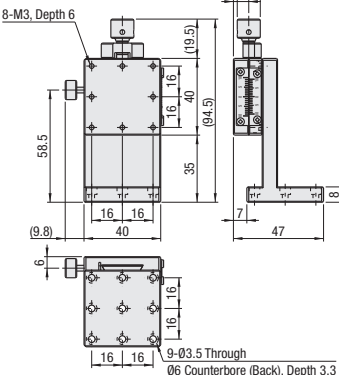
X-Axis P.1896
XY-Axis P.1931

RoHS10

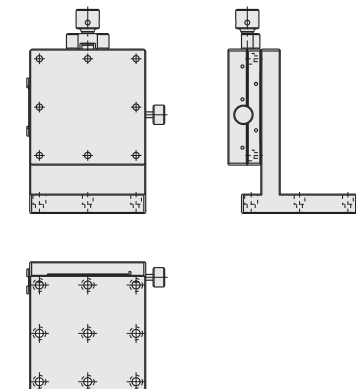
ZFES25
(Standard)



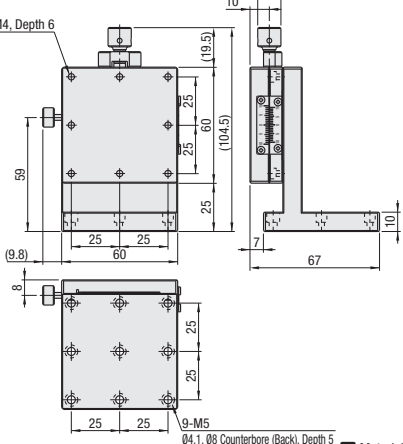
ZFES40
(Standard)



Clamp Position Change
ZFES□-R
(Reversed)



ZFES60
(Standard)



See the CAD data for details.

Material: Aluminum Alloy
Surface Treatment: Black Anodize

Z-Axis Stages High Precision Stage Existing Product: ZEG (P.1962)

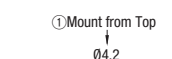
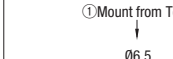
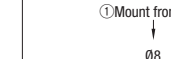
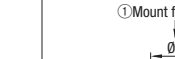
Type	Part Number	No.	Clamp Position	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness	Weight (kg)	Unit Price
ZFES	25	25x25	No Symbol (Standard)	25x25	±5	0.5	9.8	50μm	0.06	
	40	40x40	R (Right/Left Reversed)	40x40	±7				0.18	
	60	60x60		60x60	±8		19.6		0.40	

Resolution (Vernier Scale Indication): 0.1mm/division

Extension Cover HDEXT12-□ (sold separately): Ø12 knobs can be extended by installing the cover. P.2004
(Caution) Please note that increased knob diameter may interfere with the stage mounting base surfaces.

Ordering Example
Part Number
ZFES40

Tips: Mounting Hole on the Bottom of the Table of XFES, XYFES and ZFES60
Can be mounted from the top and the bottom.

Mounting Hole Enlarged View		□25 (XFES/XYFES)	□40 (XFES/XYFES)	□60 (XFES/XYFES)	ZFES60
					
Mounting Screw Dia.	①	M2	M3	M4	M4
	②	M2.5	M4	M5	M5

Features: Dovetail Slide is applied as a guide mechanism to realize smooth operation.

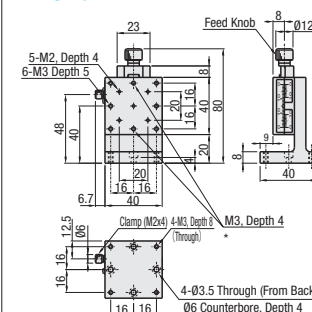
Z-Axis
(Lead 0.5mm)



X-Axis P.1897
XY-Axis P.1933

RoHS10

ZEG40



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

Standard Stages Similar Products: ZFES (P.1961)

Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Straightness	Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price
ZEG	25	25x25	±5	0.5	9.8	30μm	0.09	SCB2-8		
	40	40x40	±7				0.26	SCB3-8		
	60	60x60	±9		19.6		0.75	SCB4-10		

Resolution (Vernier Scale Indication): 0.1mm/division

Ordering Example
Part Number
ZEG25

Alteration	Spec.	Code
Clamp Position (Left/Right Reversed)	R	

See the CAD data for details.

Features: Hex wrench feed drives prevent inadvertent position changes.

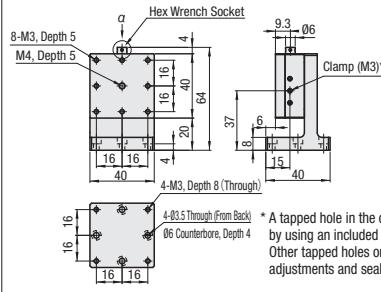
Z-Axis, Hex Wrench Drive
(Lead 0.5mm)



X-Axis P.1897
XY-Axis P.1933

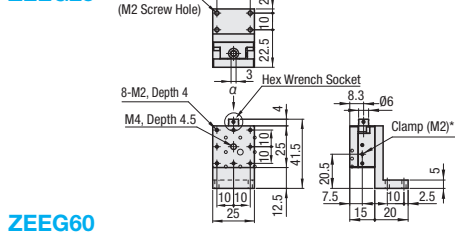
RoHS10

ZEEG40

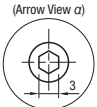


* A tapped hole in the center can be used as a clamp by using an included hex socket set screw.
Other tapped holes on the side are for factory preload adjustments and sealed, thus cannot be used.

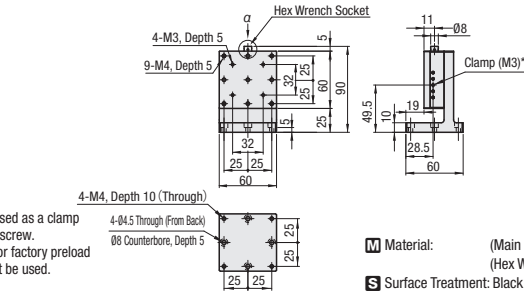
ZEEG25



Hex Wrench Hole Details
(Arrow View a)



ZEEG60



Material: (Main Body) Low Cadmium Brass
(Hex Wrench Socket) Aluminum
Surface Treatment: Black Fluororesin Treatment

Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Straightness	Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price
ZEEG	25	25x25	±3	0.5	9.8	20μm	0.08	SCB2-8		
	40	40x40	±5				0.29	SCB3-8		
	60	60x60	±7		19.6		0.67	SCB4-10		

Resolution (Vernier Scale Indication): 0.1mm/division (ZEEG has no vernier scale.)

Ordering Example
Part Number
ZEEG60