

[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

ZFES25 (Standard)

ZFES40 (Standard)

ZFES60 (Standard)

Clamp Position Change
ZFES□-R
(Reversed)

Material: Aluminum Alloy
Surface Treatment: Black Anodize

See the CAD data for details.

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	No Symbol (Standard) R (Right/Left Reversed)	25		25x25	±5	0.5	9.8	50µm	0.06	
		40		40x40	±7				0.18	
		60		60x60	±8				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
	 ① Mount from Top ② Mount from Bottom	 ① Mount from Top ② Mount from Bottom	 ① Mount from Top ② Mount from Bottom	 ① Mount from Top ② Mount from Bottom
Mounting Screw Dia.	① M2 ② M2.5	① M3 ② M4	① M4 ② M5	① M4 ② M5

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

Z-Axis (Lead 0.5mm)

ZEG25

ZEG40

ZEG60

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

* 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				0.75	SCB4-10	

Resolution (Vernier Scale Indication): 0.1 mm/division

Ordering Example Part Number
ZEG25

Alterations Part Number - (R)
ZEG25 - R

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)

ZEEG25

ZEEG40

ZEEG60

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

* 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.

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				0.67	SCB4-10	

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

Ordering Example Part Number
ZEEG60