

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

Hex Wrench Drive

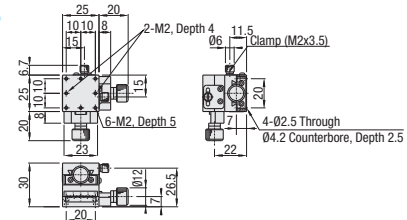
Features: Economical and low profile (height 30mm ~) dovetail slide XY-Axis stages with feed screws. Good replacement for conventional fine adjustment mechanisms such as adjustment bolts, etc.

XY-Axis
(Lead 0.5mm)

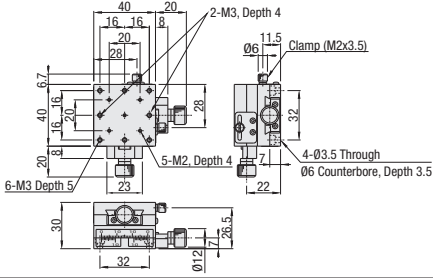
X-Axis: P.1897
Z-Axis: P.1962

RoHS 10

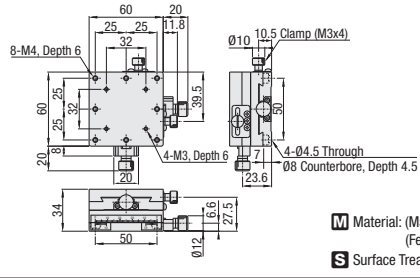
XYEG25



XYEG40



XYEG60



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

Standard Stages Similar Products: XYFES (P.1931)

Part Number Type	Stage Surface No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness (µm)	Moment Load Capacity (N · m)			XY Orthogonality	Weight (kg)	Accessory Type M-L	Quantity	Unit Price
							Pitching	Yawing	Rolling					
XYEG	25	25x25	±5	0.5	28.4	30	1.3	1.5	1.3	70	0.12	SCB2-8	4	0.20
	40	40x40	±7		27.4	30	3.0	3.0	3.0	0.44	SCB3-6		0.40	
	60	60x60	±9		33.3	30	4.0	4.0	4.0	1.04	SCB4-6		1.01	

Resolution (Vernier Scale Indication): 0.1mm/division
Extension Cover HDEXT12 (Sold Separately): Ø12 feed screw knob can be extended. P.2004
Travel accuracy values shown are for single axis configuration.

Ordering Example: Part Number XYEG25

Alterations: Part Number - (R) XYEG25 - R

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

See the CAD data for details.

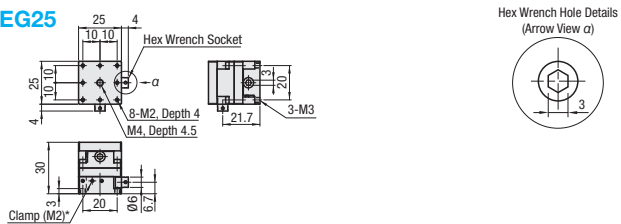
Features: No knob is required since a hex wrench is used to feed the stage, making for a space saving form factor. Unintended position changes can be prevented since the stage cannot be operated without a hex wrench.

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

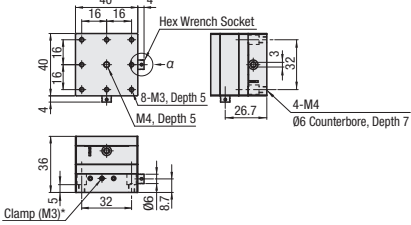
X-Axis: P.1897
Z-Axis: P.1962

RoHS 10

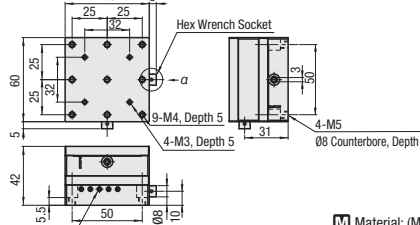
XYEEG25



XYEEG40



XYEEG60



M Material: (Main Body) Low Cadmium Brass
(Hex Wrench Socket) Aluminum
S 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 are for factory preload adjustments and sealed, thus cannot be used.

Part Number Type	Stage Surface No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness (µm)	Moment Load Capacity (N · m)			XY Orthogonality	Weight (kg)	Accessory Type M-L	Quantity	Unit Price
							Pitching	Yawing	Rolling					
XYEEG	25	25x25	±3	0.5	28.4	30	1.3	1.5	1.3	70	0.12	SCB2-8	3	0.20
	40	40x40	±5		27.4	30	3.0	3.0	3.0	0.44	SCB3-6		0.40	
	60	60x60	±7		33.3	30	4.0	4.0	4.0	1.04	SCB4-6		1.01	

Resolution (Vernier Scale Indication): 0.1mm/division (XYEEG has no vernier scale)
Travel accuracy values shown are for single axis configuration.

Ordering Example: Part Number XYEEG25

Alterations: Part Number - (R) XYEEG25 - R

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

See the CAD data for details.

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

Extended Knob / Reinforced Clamp

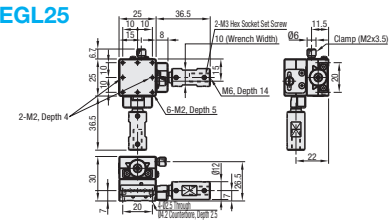
Features: Effective when feed knobs are difficult to turn due to the carriage mounted objects interfere, or when the knobs are hard to reach since the stage is deeply embedded inside a machine. Use adhesive to prevent the knob extension from pulling off.

XY-Axis, Extended Knob
(Lead 0.5mm)

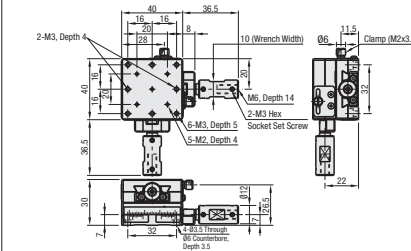
X-Axis: P.1898
Z-Axis: P.1963

RoHS 10

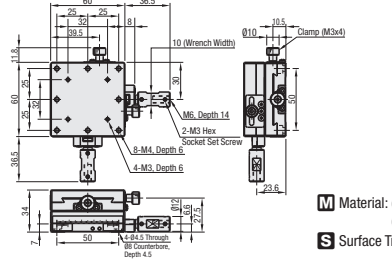
XYEGL25



XYEGL40



XYEGL60



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

Part Number Type	Stage Surface No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness (µm)	Moment Load Capacity (N · m)			XY Orthogonality	Weight (kg)	Unit Price
							Pitching	Yawing	Rolling			
XYEGL	25	25x25	±5	0.5	28.4	30	1.3	1.5	1.3	70	0.20	
	40	40x40	±7		27.4	30	3.0	3.0	3.0	0.40		
	60	60x60	±9		33.3	30	4.0	4.0	4.0	1.01		

Extension Cover HDEXT12 (Sold Separately): Ø12 feed screw knob can be extended. P.2004
Travel accuracy values shown are for single axis configuration.
Tips: Knob Extension Method
Use the M6-Depth 14 tapped hole on the knob. Knob length and diameter can be increased for large objects and plates placed on the carriage.
(Ex. 1) Seven Lobed knob (P.2117) NKSM6-30 can be mounted to further lengthen the knob by 36mm.

Ordering Example: Part Number XYEGL60

Alterations: Part Number - (R) XYEGL60 - R

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

See the CAD data for details.

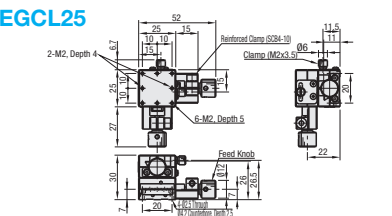
Features: The feed knob shaft is clamped directly for improved position holding performance of the XY Dovetail Slide Stage.

XY-Axis, Reinforced Clamp
(Lead 0.5mm)

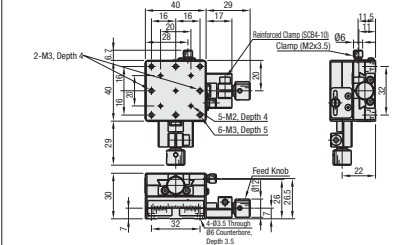
X-Axis: P.1898
Z-Axis: P.1963

RoHS 10

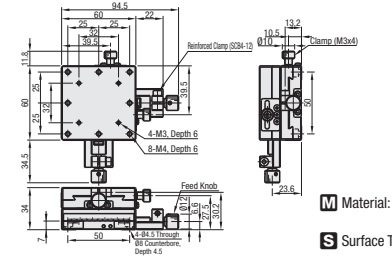
XYEGCL25



XYEGCL40



XYEGCL60



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

Part Number Type	Stage Surface No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Travel Accuracy Straightness (µm)	Moment Load Capacity (N · m)			XY Orthogonality	Weight (kg)	Unit Price
							Pitching	Yawing	Rolling			
XYEGCL	25	25x25	±5	0.5	28.4	30	1.3	1.5	1.3	70	0.20	
	40	40x40	±7		27.4	30	3.0	3.0	3.0	0.40		
	60	60x60	±9		33.3	30	4.0	4.0	4.0	1.01		

Extension Cover HDEXT12 (Sold Separately): Ø12 feed screw knob can be extended. P.2004
Travel accuracy values shown are for single axis configuration.

Ordering Example: Part Number XYEGCL60

Alterations: Part Number - (R) XYEGCL60 - R

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

See the CAD data for details.