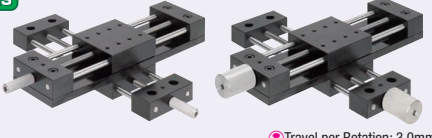


[Simplified Adjustments] XY-Axis, Feed Screw, Large Lead (3.0mm)

Standard/Large Handle Selectable

Feature: 3.0mm lead feed screw stages are combined into XY arrangement. Convenient when rapid feeding characteristic is desired.

RoHS



Accuracy Standards

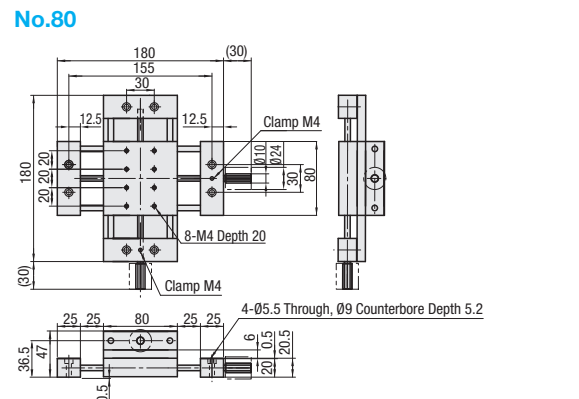
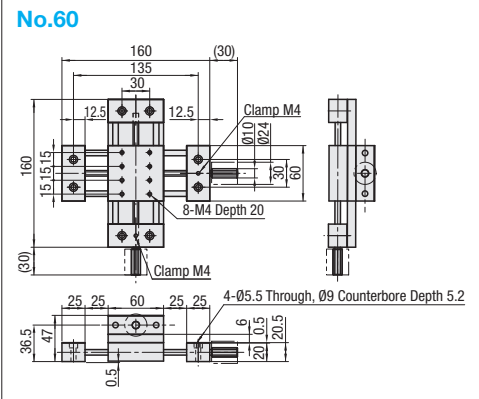
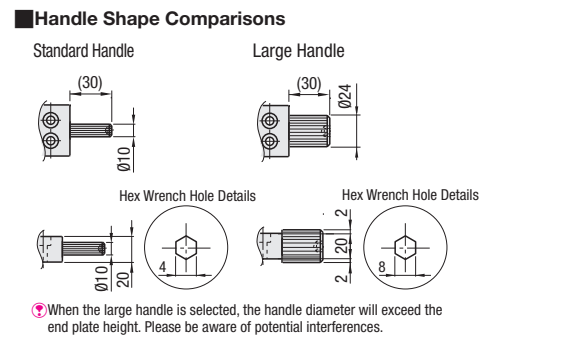
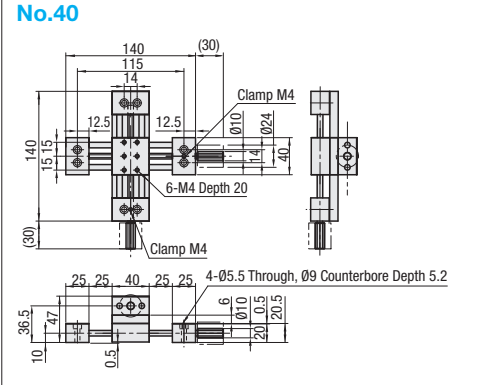
Not recommended for precise positioning due to its clearance shown on the left. Values are for single-axis configuration.

One Point

Long stroke moves can be made easy with use of a ball-point hex wrench.

Travel per Rotation: 3.0mm

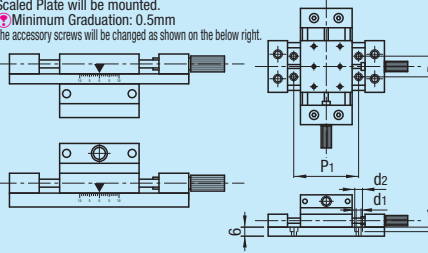
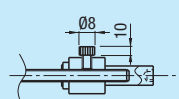
Type	Main Body	Shaft	Knob	Feed Screw	Accessories		
Standard Handle	Large Handle	Material	Surface Treatment	Material	Material	Material	Material
XYKS	XYKSL	Aluminum Alloy	Black Anodize	304 Stainless Steel	303 Stainless Steel	304 Stainless Steel	304 Stainless Steel
SCB5-20 x 4 pcs.							



Part Number	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Weight (kg)	Unit Price 1 ~ 9 pc(s).
40 (Standard Handle)	40x40	±25	62.7	0.66	
XYKS (Large Handle Top & Bottom)					
XYKSL (Large Handle Top only)	60x60	±25	62.7	1.17	
XYKSL (Large Handle Bottom only)	80x80	±25	56.8	1.64	

Travel per Rotation: 3.0mm


For orders larger than indicated quantity, please request a quotation.

Alterations	Mounting of a Scaled Plate on the Stage	Change of Clamp (Knurled Knob)																								
Spec.	<p>Scaled Plate will be mounted.</p> <p>Minimum Graduation: 0.5mm</p> <p>The accessory screws will be changed as shown on the below right.</p>  <p>MMR alteration will change the mounting hole pitch since a plate is attached to the stage.</p> <table border="1"> <thead> <tr> <th>No.</th> <th>P₁</th> <th>P₂</th> <th>d₁</th> <th>d₂</th> <th>ℓ</th> </tr> </thead> <tbody> <tr> <td>40</td> <td>65</td> <td>14</td> <td>4.5</td> <td>7.5</td> <td>3</td> </tr> <tr> <td>60</td> <td>85</td> <td>30</td> <td>4.5</td> <td>7.5</td> <td>3</td> </tr> <tr> <td>80</td> <td>105</td> <td>30</td> <td>4.5</td> <td>7.5</td> <td>3</td> </tr> </tbody> </table> <p>Accessories (4 pcs.) No.40: CBSST4-8 No.60: CBSST4-8 No.80: CBSST4-8</p>	No.	P ₁	P ₂	d ₁	d ₂	ℓ	40	65	14	4.5	7.5	3	60	85	30	4.5	7.5	3	80	105	30	4.5	7.5	3	<p>Changes Clamp Screw to Knurled Knob.</p> <p>Changes are for both X and Y axes.</p> 
No.	P ₁	P ₂	d ₁	d ₂	ℓ																					
40	65	14	4.5	7.5	3																					
60	85	30	4.5	7.5	3																					
80	105	30	4.5	7.5	3																					
Code	MMR	CLC																								
Price Adder																										

[Simplified Adjustments] XY-Axis, Rack & Pinion / Tilt Stages

Feature: Rack & Pinion mechanism enables rapid and large distance adjustments.

XYKRG60



Travel per Rotation: approx. 19mm

Not suitable for precise positioning (See Accuracy Standards Chart)

Minimum Graduation: 0.5mm (Dimensions when scale is set at 0)

These counterbored holes are NOT useable since permanently covered by the table top plate. (For XY Stacking)

Accuracy Standards

There are some mechanical clearances as shown above, and not recommended for positioning applications requiring accuracies. Values are for single-axis configuration.

Material: Aluminum Alloy
Surface Treatment: Black Anodize
Accessories: Hex Socket Low Head Cap Screw (P2-185 CBS4-6) 4 pcs.

Part Number	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Weight (kg)	Unit Price 1 ~ 19 pc(s).
XYKRG 60	40x60	±14	34.3	0.42	

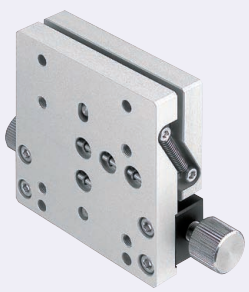
Travel per Rotation: Approx. 19mm

For orders larger than indicated quantity, please request a quotation.

Feature: Can be used to adjust in tilt direction (2 directions).

Tilt Stages

TLSG



Angular Adjustment Range: ±3°

Angular Adjustment Range: ±2°

Can be inclined at ±3° back and forth and ±2° right and left.

Material: Aluminum Alloy
Surface Treatment: Clear Anodize

Part Number	Load Capacity (N)	Weight (kg)	Accessories: Hex Socket Head Cap Screw (Stainless Steel)	Unit Price 1 ~ 9 pc(s).
TLSG	9.8	0.22	M3x10 (4 pcs.)	

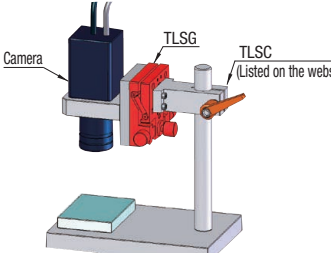
For orders larger than indicated quantity, please request a quotation.

See our website for Strut Clamps (TLSC), Rod Adapters (TLRA) and Camera Mounting Adapters for Tilt Stages.

Tips: How to Mount Tilt Stages

- Counterbore Hole Mounting
- M3 Screw Hole Mounting

Example Camera Angle Adjustment



Camera

TLSG

TLSC (Listed on the website)