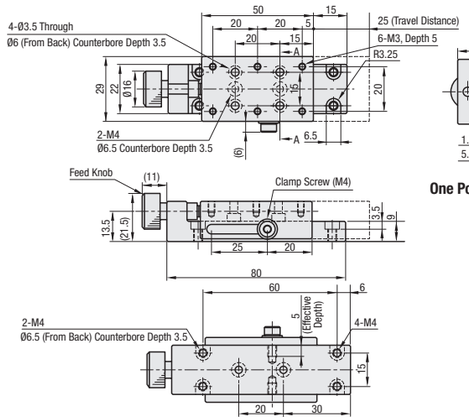
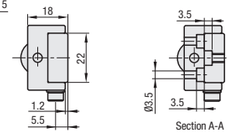
[Simplified Adjustments] X-Axis, Feed Screw, Side Clamp Units / Key Guide Units

Feature: Strong side clamp enables desirable mounting of workpieces. Spring Washer Integrated Screws are applied for clamp providing preload.

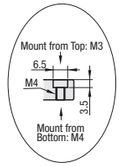
RoHS10

XKCS30

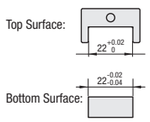




One Point Bottom Surface Mounting Holes



Accuracy Standards (Ref.)



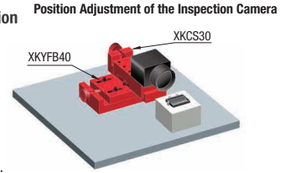
Material: Aluminum Alloy
Surface Treatment: Black Anodize

Vertical (Z-axis) and reversed applications may cause the upper surface being detached or fell off, thus not recommended.

Part Number		Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Weight (kg)
Type	No.					
XKCS	30	29 x 50	25	0.8	9.8	0.1

Application Example

Position Adjustment of the Inspection Camera



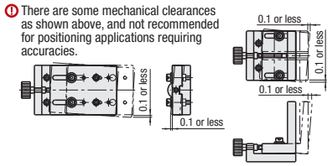
Part Number Example

Part Number
XKCS30

Feature: Simplified Adjustment Units utilizing key guides (convex surface). Screw mounting enables strong clamp, and a scale label is included.

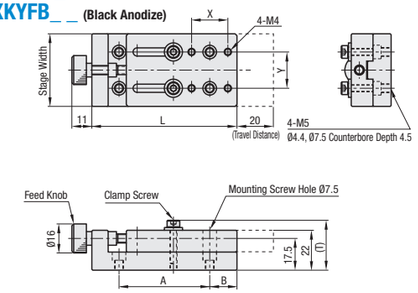
Accuracy Standards

There are some mechanical clearances as shown above, and not recommended for positioning applications requiring accuracies.



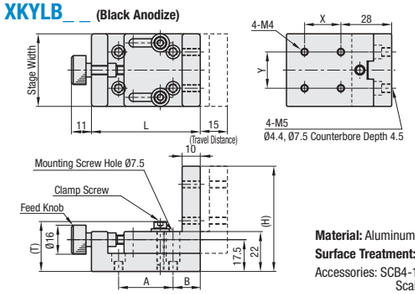
Flat Type

XKYF_ _ (Clear Anodize)
XKYFB_ _ (Black Anodize)



L-Shaped Type

XKYL_ _ (Clear Anodize)
XKYLB_ _ (Black Anodize)



Material: Aluminum Alloy
Surface Treatment: Anodized
Accessories: SCB4-10 x 4 pcs.
Scale Label

Part Number			Stage Width	Travel Distance (mm)	Travel per Rotation (mm)	A	B	H	L	T	X	Y	Clamp Screw	Load Capacity (N)	Weight (kg)
Type		No.													
Clear Anodize	Black Anodize														
XKYF	XKYFB	40	40	20	0.8	50	15	—	80	(27.5)	20	20	M4	19.6	0.18
		60	60			60	25	—	100	(29)	30	30	M5	39.2	0.34
XKYL	XKYLB	40	40	15		30	15	58	60	(27.5)	20	20	M4	9.8	0.18
		60	60					73		(29)	30	30	M5	19.6	0.28

Part Number Example

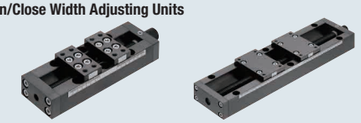
Part Number
XKYF40
XKYLB60

[Simplified Adjustments] X-Axis, Left/Right Screw, Open/Close Width Adjusting Units / Rack & Pinion, Standard, Standard/Precision Grade

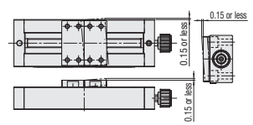
Feature: Two tables open and close with an operation of a single knob, utilizing a left/right screw. For guide width adjustments and centering fixtures.

Open/Close Width Adjusting Units

RoHS10



See the table below for Travel per Rotation.

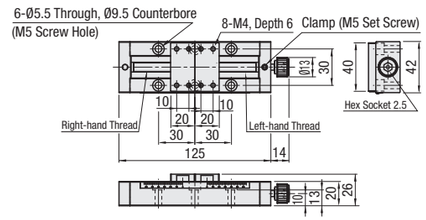


Accuracy Standards

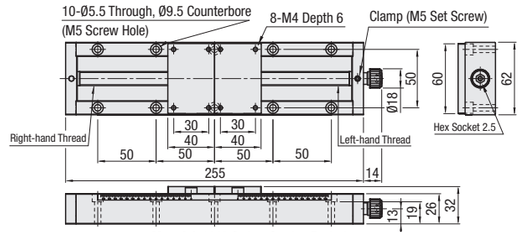
There are some mechanical clearances as shown above, and not recommended for positioning applications requiring accuracies.

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

XANON60



XANON150



Material: 1045 Carbon Steel or Equivalent
Surface Treatment: Black Oxide
Accessories: Hex Socket Head Cap Screw (P.Q2-170 SCB5-20), 4 pcs.

Part Number		Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)	Weight (kg)
Type	No.					
XANON	60	40 x 20	60 (30 per Side)	2.5 (1.25 per Side)	98 (49 per Side)	0.64
	150	60 x 40	150 (75 per Side)	3.5 (1.75 per Side)	196 (98 per Side)	2.16

Minimum Graduation: 1 mm

Part Number Alterations

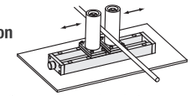
Part Number	-	(R)
XANON60	-	R

Alteration	Position of Feed Knob (Right & Left Side Reversed)
Spec.	
Code	R

Part Number Example

Part Number
XANON150

Application Example



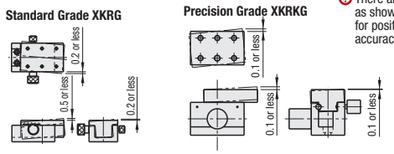
Guide Width Adjustments for a Winding Machine

Feature: Simplified stages with large rapid feeds. Select from Standard or Precision grades based on application needs.

Standard Grade XKRG **Precision Grade XKRKG**

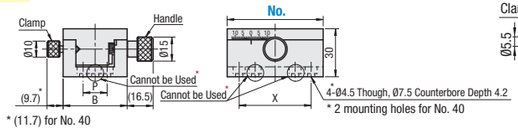
RoHS10 Not RoHS Compliant Travel per Rotation: approx. 19 mm

Accuracy Standards

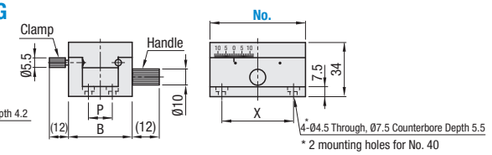


There are some mechanical clearances as shown above, and not recommended for positioning applications requiring accuracies.

XKRG

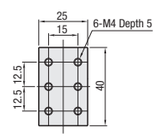


XKRKG

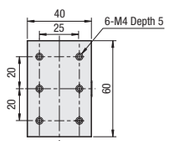


Stage Top Mounting Hole Dimensions

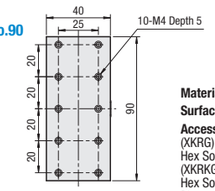
No.40



No.60



No.90



Material: Aluminum Alloy
Surface Treatment: Black Anodize
Accessories:
(XKRG)
Hex Socket Low Head Cap Screw (CBS4-6) x 4 pcs.
(XKRKG)
Hex Socket Head Cap Screw (SCB4-6) x 4 pcs.
*2 pcs. for No. 40

*XKRG40/60 counterbored holes are not available for use since they are covered by the table plate. (For XY Mounting)

Part Number		Stage Surface (mm)	Travel Distance (mm)	B	X	P	Load Capacity (N)	Weight (kg)
Type	No.							
XKRG XKRKG	40	25 x 40	±12	25	31	—	29.4	0.10
	60	40 x 60	±14	40	45	15	39.2	0.21
	90	40 x 90	±23		75			0.30

Travel per Rotation: Approx. 19 mm Minimum Graduation: 0.5 mm

Part Number Example

Part Number
XKRG60