For **Pricing** and **Days to Ship**, Please Configure Online.

[High Precision] Dovetail Slide, Rack & Pinion

Rectangular, Reinforced Clamp / Coarse/Fine Knob

Other Information about Stages

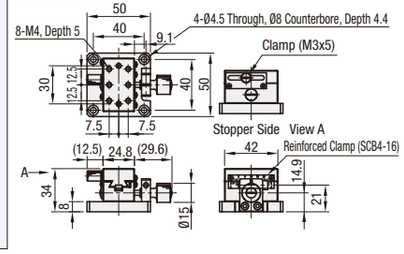
Stage Selection Table	**P.1639, P.1640**
New Products	**P.1641**
About Standard Stages	**P.1642**
Overview, Technical Information	**P.1643, P.1644**

Feature: Feed knob shaft is directly clamped for improved position holding performance compared to the rectangular type XWG on **P.1663**.

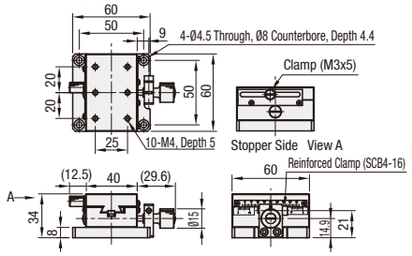
X-Axis, Reinforced Clamp

XY-Axis **P.1690**
Z-Axis **P.1702**

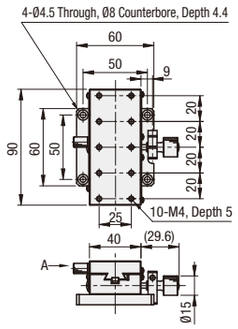
XWGCL40



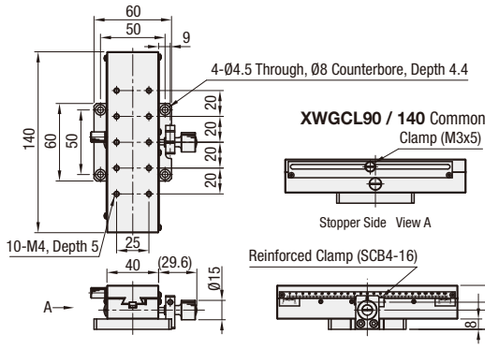
XWGCL60



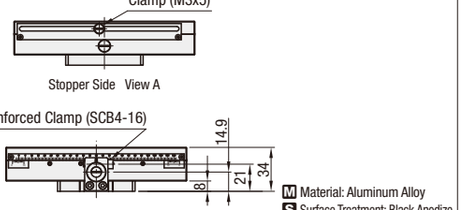
XWGCL90



XWGCL140



XWGCL90 / 140 Common

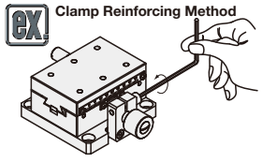


M Material: Aluminum Alloy
S Surface Treatment: Black Anodize

Part Number Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm)	Load Capacity (N) Horizontal	Load Capacity (N) Vertical	Travel Accuracy Straightness	Travel Accuracy Parallelism	Weight (kg)	Unit Price 1~9 pc(s).
XWGCL	40	24.8x42	±12	18	29.4	14.7	20µm	30µm	0.17	
	60	40x60	±21		39.2	19.6	30µm		0.29	
	90	40x90	±35						0.40	
	140	40x140	±60						0.56	

Knob Cover HDCVR15 (Sold Separately): Ø15 knobs can be increased in diameter by installing the cover. **P.1666**
For orders larger than indicated quantity, please request a quotation.

Clamp Reinforcing Method



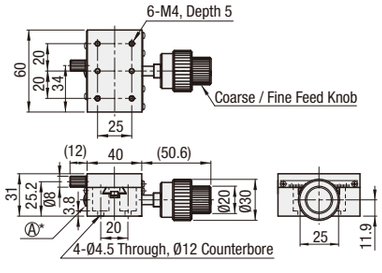
Retention by only the reinforced clamp is not sufficient to obtain zero backlash. Using with a clamp screw is recommended.

Ordering Example: Part Number **XWGCL40**
Days to Ship
Configure Online

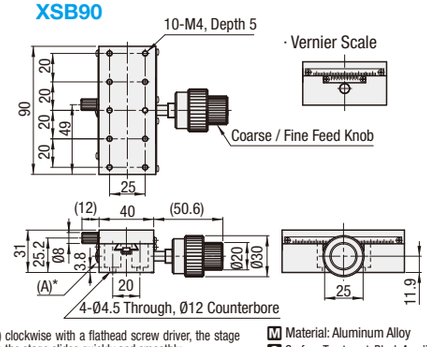
Feature: Suitable for use when both fast feeding and ease of fine adjustments are required. Please note that the coarse/fine feed knob protrudes from the bottom surface.

X-Axis, Coarse / Fine Knob

XSB60



XSB90



* By turning the preload adjustment screw (A) clockwise with a flathead screw driver, the stage slide slowly, and by turning counterclockwise the stage slides quickly and smoothly.

M Material: Aluminum Alloy
S Surface Treatment: Black Anodize

Part Number Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm) Coarse	Travel per Knob Rotation (mm) Fine	Load Capacity (N) Horizontal	Load Capacity (N) Vertical	Travel Accuracy Straightness	Travel Accuracy Parallelism	Weight (kg)	Accessories (4 pcs.) Type M-L	Unit Price 1~9 pc(s).
XSB	60	40x60	±21	18	2.3	39.2	19.6	30µm	30µm	0.35	SCB4-8	
	90	40x90	±35							0.46		

Resolution of the vernier scales for Corse/Fine Knob Stages is 0.05mm.
Coarse / Fine Feed Knob will interfere with the mating bases.
For orders larger than indicated quantity, please request a quotation.
Adjustable Plate XPLT: Use this plate when connecting stages with non-matching mounting holes. **P.1664**

Ordering Example: Part Number **XSB60**
Days to Ship
Configure Online

[High Precision] Dovetail Slide, Rack & Pinion

Rectangular, Steel, High Load Capacity

Reduced Days to Ship

Other Information about Stages

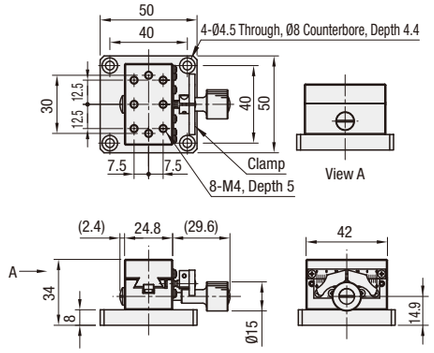
Stage Selection Table	**P.1639, P.1640**
New Products	**P.1641**
About Standard Stages	**P.1642**
Overview, Technical Information	**P.1643, P.1644**

Feature: XWGSR stages are made of steel, with higher horizontal load capacities and impact resistance compared to the XWG Series (**P.1663**).

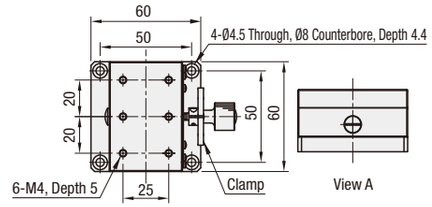
X-Axis, High Load Capacity

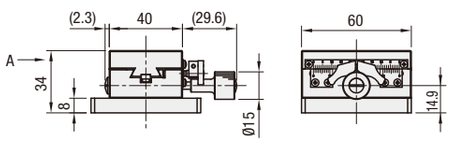
RoHS 10

XWGSR40

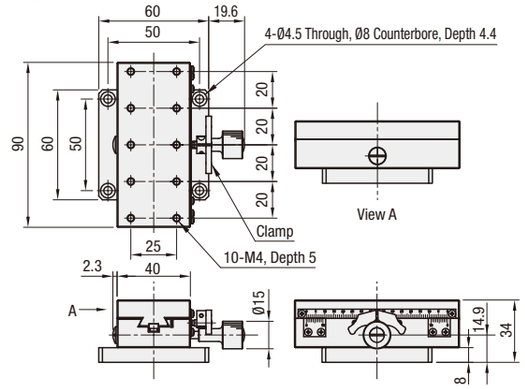


XWGSR60





XWGSR90



M Material: 1045 Carbon Steel
S Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm)	Horizontal Load Capacity (N)	Moment Load Capacity (N·m) Pitching	Yawing	Rolling	Travel Accuracy (µm) Straightness	Parallelism	Parallelism	Weight (kg)	Accessories (4 pcs.) Type M-L	Unit Price 1~4 pc(s).
XWGSR	40	24.8x40	±12	18	98	5.0	3.3	2.6	30	40	50µm	0.36	SCB4-10	
	60	40x60	±21		196	15.0	7.8	10.4				0.70		
	90	40x90	±35		294	27.5	16.5	28.6				0.94		

Resolution (Vernier Scale Indication): 0.1mm/division
For orders larger than indicated quantity, please request a quotation.
Knob Cover HDCVR15 (Sold Separately): Ø15 knobs can be increased in diameter by installing the cover. **P.1666**

Ordering Example: Part Number **XWGSR40**
Days to Ship
Configure Online

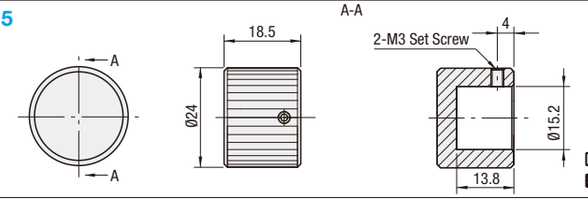
Feature: Ø15 knobs can be increased in diameter by installing the cover. See below for the list of applicable stages.

Knob Covers

RoHS 10

* Sold by set of 3.

HDCVR15



M Material: Aluminum Alloy
S Surface Treatment: Black Anodize

Part Number Type	No.	Applicable Stage	Unit Price 1~9 pack(s)
HDCVR	15	XWG (**P.1663**), XYWG (**P.1689**), ZWG (**P.1701**), XLWG (**P.1669**), ZLWG (**P.1703**), XSP (**P.1668**), XDTS (**P.1649**), XYDTS (**P.1649**), ZDTS (**P.1650**), XDTLS (**P.1653**), ZDTLS (**P.1654**) (Knob Dia. Ø15)	

* Three Knob Covers (HDCVR15) come in a package per order.
For orders larger than indicated quantity, please request a quotation.

Ordering Example: Part Number **HDCVR15**
Days to Ship
Configure Online