Fixture Slides
Linear Guide Type

Features: Sliders based on linear guides. By adopting those linear guides, the sliders achieve smooth sliding motion and thus, are suitable for applications frequently repeated.

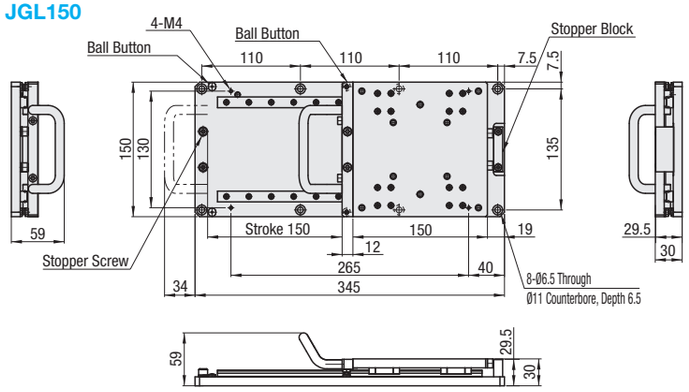
X-Axis

Tips
Only on JGL250, by repositioning the ball buttons and stroke end stopper screws, the stroke can be shortened.
Shortening the stroke can prevent the handle from protruding from the base plate O.D.

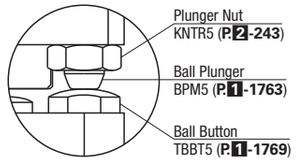
For how to adjust the stroke, see the Stroke Adjustment Method Table.

When plunger locking in the front side is not needed, remove the ball buttons.

JGL150

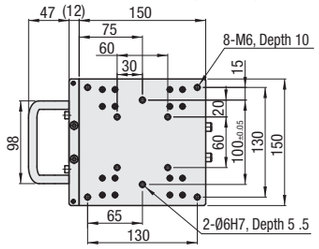


Clamp Enlarged View (View from Front)

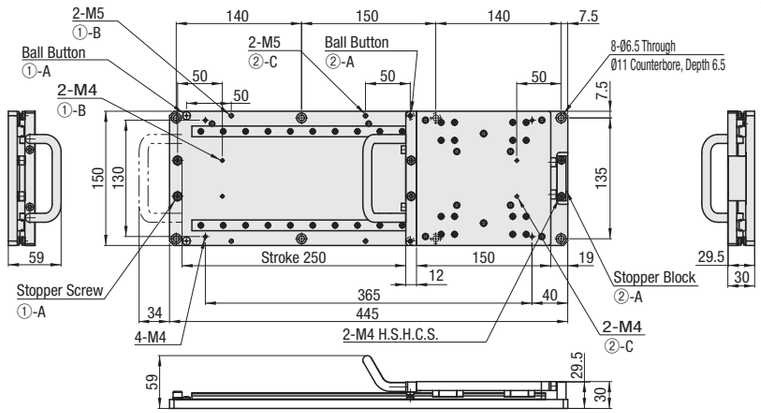


By fitting the plunger tip ball in the depressed part of the ball button, the table is fixed.

Table Dimensions (Common)



JGL250



Main Body	M Material	S Surface Treatment
Table	Aluminum Alloy	Clear Anodize
Base Plate		
Knob		
Handle Bracket		
Linear Guide	Stainless Steel	-
Stopper Block	EN 1.1191 Equiv.	Electroless Nickel Plating

Stroke Adjustment Method

Stopper Parts: Ball Button + Stopper (Screw or Block)		
Stroke after adjustment	Mounting Positions of Stopper Parts	
	① Pulling Side	② Pushing Side
250 (before shipping)	A	A
200	B	A
200	A	C
150	B	C

Only on JGL250, by recombining the stopper part mounting hole positions on the above two sides, the stroke can be changed.

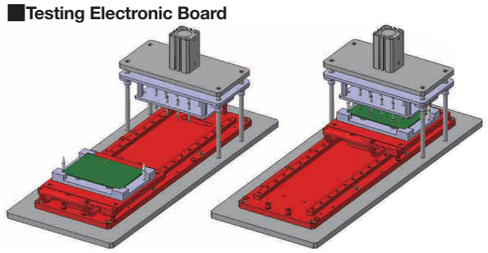
Part Number		Stroke (mm)	Table Size (mm)	Base Length (mm)	(Ref. Value) Required Thrust (N)	(Ref. Value) Plunger Holding Force (N)	Load Capacity (kN)	Weight (kg)	Unit Price
Type	No.								
JGL	150	150	150x150	345	2	23	4.5	2.8	
	250	150, 200, 250	150x150	445	2	23	4.5	3.4	

Upon delivery, the stroke is set to 250 for JGL250.
Required Thrust: Force required to move the table by using the knob
Load Capacity: Max. allowable value of load applied vertically to the table surface
Values on the (Ref. Value) columns in the above table are measured when no load is applied.

ex. Example

Ordering Example — Part Number: JGL250

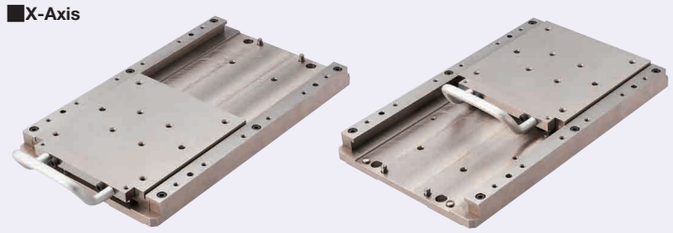
Testing Electronic Board



Fixture Slides
Guide Rail Type

Features: Have the sliding mechanism achieving high load capacity by leveraging guide rails. Are excellent in durability and suitable for machining, pressing or other load-intensive applications.

X-Axis



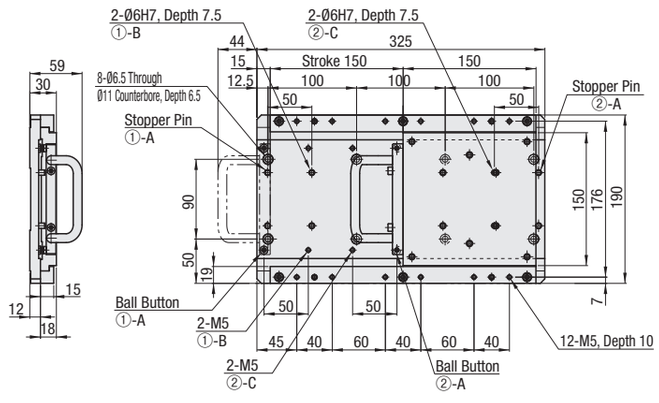
Tips
By repositioning the ball buttons and stroke end stopper pins, the stroke can be shortened.
Shortening the stroke can prevent the handle from protruding from the base plate O.D.

For how to adjust the stroke, see the Stroke Adjustment Method Table.

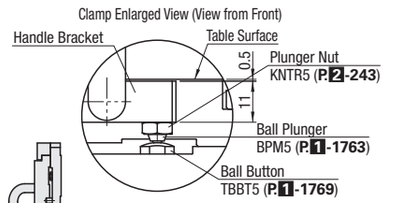
Antirust oil is applied to the sliding surface before delivery.

For the customer's convenience, in addition to the undersized and removable stopper pins installed onto the stopper part (4 places lengthwise), the oversized stopper pins are included with the product. Replace the undersized stopper pins with the oversized ones, if needed.

JGR150

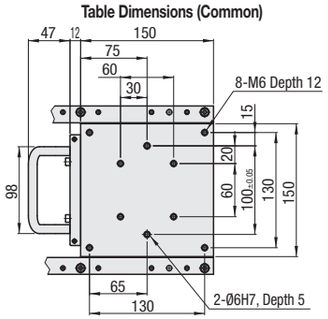


Clamp Enlarged View (View from Front)

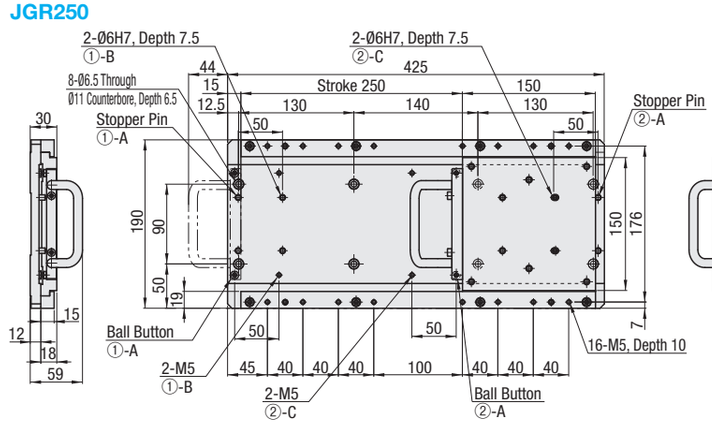


By fitting the plunger tip ball in the depressed part of the ball button, the table is fixed.

Table Dimensions (Common)



JGR250



Main Body	M Material	S Surface Treatment
Table	EN 1.1191 Equiv. Thermal Refined	Electroless Nickel Plating
Plate		
Guide Rail		
Handle Bracket	EN 1.1191 Equiv.	
Knob	Aluminum Alloy	Clear Anodize

Stroke Adjustment Method

Stopper Parts: Ball Button + Stopper Pin			
Stroke after adjustment		Mounting Positions of Stopper Parts	
JGR150	JGR250	① Pulling Side	② Pushing Side
150 (before shipping)	250 (before shipping)	A	A
100	200	B	A
100	200	A	C
50	150	B	C

By recombining the stopper part mounting hole positions on the above two sides, the stroke can be changed.

Part Number		Stroke (mm)	Table Size (mm)	Base Length (mm)	(Ref. Value) Required Thrust (N)	(Ref. Value) Plunger Holding Force (N)	Load Capacity (kN)	Weight (kg)	Unit Price
Type	No.								
JGR	150	50, 100, 150	150x150	325	10	30	37.2	9.2	
	250	150, 200, 250	150x150	425	10	30	37.2	11,1	

Upon delivery, the stroke is set to 150 for JGR150, and to 250 for JGR250.
Required Thrust: Force required to move the table by using the knob (on the sliders having antirust oil applied)
Load Capacity: Max. allowable value of load applied vertically to the table surface
Values on the (Ref. Value) columns in the above table are measured when no load is applied.

ex. Example

Ordering Example — Part Number: JGR150

Press-Fitting Bearing