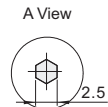


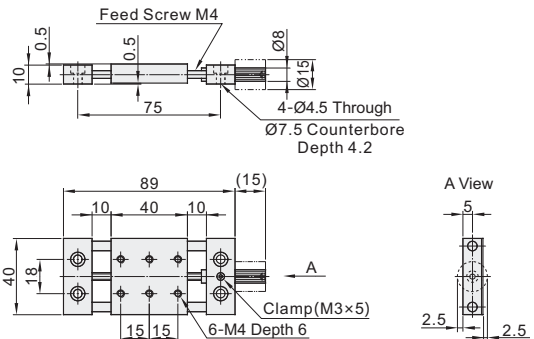
Simplified Adjustments

Self-made

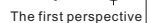
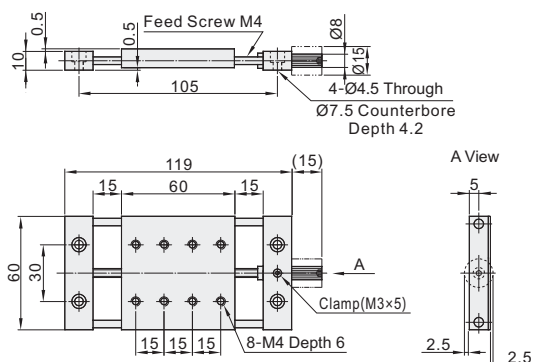
 [Handle](#)



No.: 40



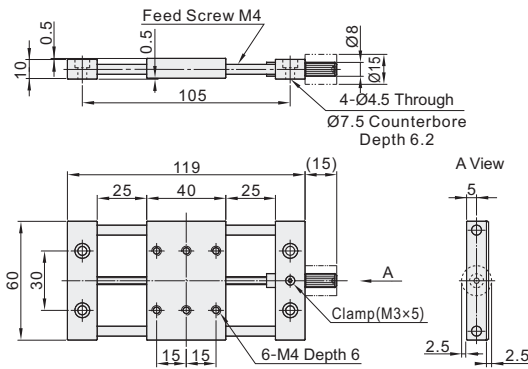
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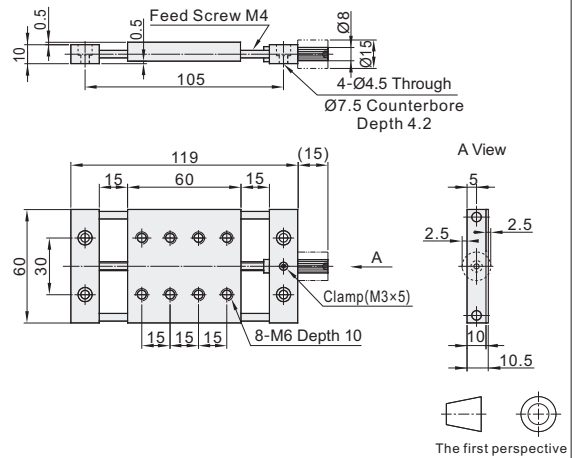
Simplified Adjustments

X-Axis, Standard Feed Screw

No.: 60A

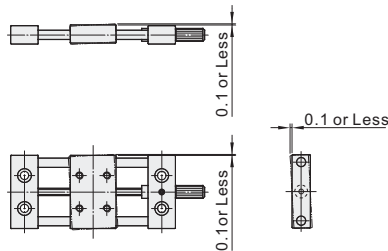


No.: 60B



Accuracy Standards

Not recommended for precise positioning.



Part Number		Stage Surface (mm)	Travel Distance (mm)	Load Capacity(N)		Weight (g)
Code	No.			Horizontal	Vertical	
Standard Handle HHB01	20	20×20	±7	19.6	9.8	39
	25	25×25	±7			49
	40	40×40	±9			104
	40A	40×25	±17			91
Large Handle HHB21	60	60×60	±13	39.2	19.6	176
	60A	60×40	±23			147
	60B	60×60	±13			176

Travel per rotation 0.7 mm.



Please order as shown

Part Number		Stage Surface (mm)
Code	No.	
HHB01	20	20×20
HHB01	25	25×25

HHB01—20



Discount price			
Per	1~9	10~	
Price	100%	Additional quotation	

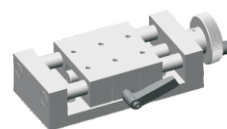


Delivery	
	6

X-Axis, Heavy Load ▶ Feed Screw

Simplified Adjustments

Positioning Stages

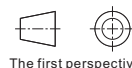
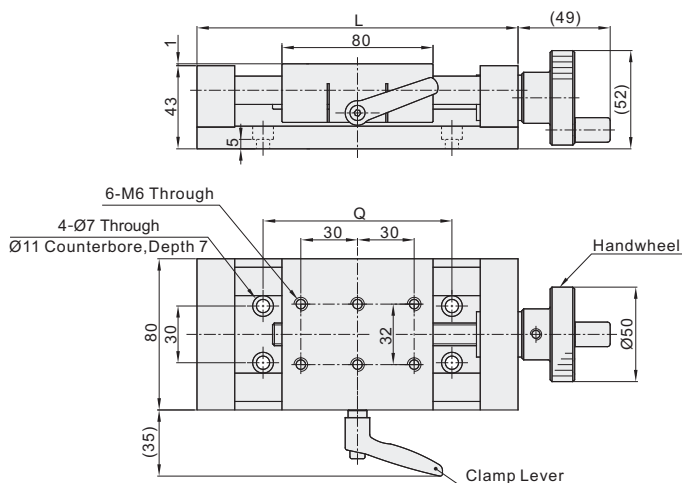


Self-made

Code	Type	Material		Surface Treatment
		Main Body	Screw Nut	

HHQ01	Heavy Load	A6063	Brass	Clear Anodize
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- Advantages:
High holding force can be obtained by directly fixing the guide shaft through grooving.



The first perspective

Part Number		Stage Surface (mm)	Travel Distance (mm)	Lead (mm)	L	Q	Load Capacity (N)	Weight (kg)	Accessories(4pcs)	Clamp Lever (1pc.)
Code	No.								Hex Socket HeadCap Screw (Stainless Steel)	
HHQ01	50	80×80	±25	2	170	100	196	1.72	TAC21-M6-L15	HAF74-M6-L20-G
	100		±50		220	150				
	150		±75		270	200				



Please order as shown

Part Number		Stage Surface (mm)
Code	No.	
HHQ01	100	80×80
HHQ01	150	

HHQ01—100

Optional Processing

Part Number		Optional Processing Code
Code	No.	
HHQ01	100	QR
HHQ01	150	

HHQ01—100—QR



Optional Processing

Code	QR
Spec.	Position of Handle (Right and Left Side Reversed)
	Ordering Code QR
Spec.	



Discount price

Per	1~9	10~
Price	100%	Additional quotation



Delivery

6

- ◀ **X-Axis, Heavy Load**
- ◀ **X-Axis, with Position Indicator**
Lead Screw



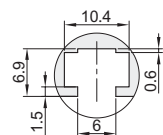
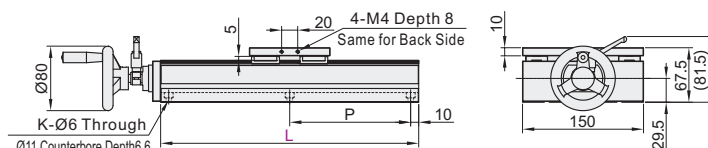
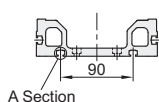
Code	Type	Drive Direction	Material		Surface Treatment
			Main Body	Screw Nut	
HHQ31	Heavy Load	X-Axis	Aluminum Alloy	Brass	Clear Anodize
HHQ36	with Position Indicator				

Advantages:

The handwheel direction can be selected, which is more suitable for occasions with limited space.

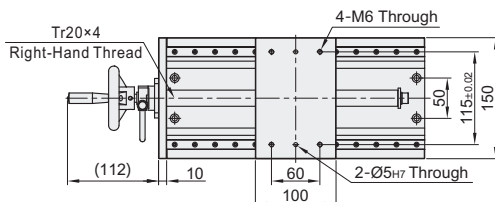
Heavy Load

HHQ31



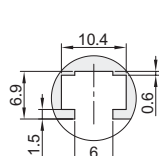
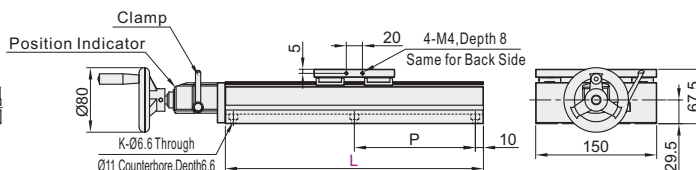
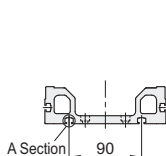
(A View)

(A view)
M6 Enlarged View of Nut Slot



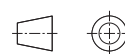
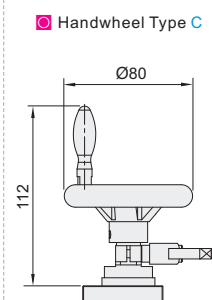
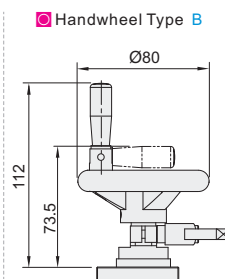
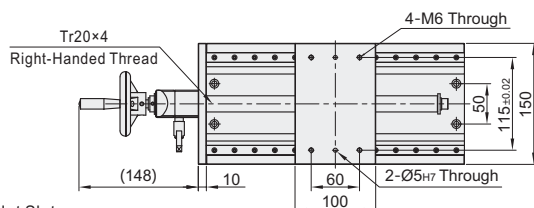
with Position Indicator

HHQ36



(A View)

M6 Enlarged View of Nut Slot

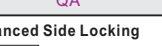


The first perspective

Part Number		Handwheel Type	Effective Stroke (mm)	Lead Screw Lead (mm)	Load Capacity (N)	Base Mounting Hole		Parallelism (mm)	Backlash (mm)	Weight (kg)
Code	L					P (Pitch)	K(Number of Holes)			
HHQ31 HHQ36	170	Not Specified(Plastic Handwheel)	62	4	1470	150	4	0.15	0.3	4.2
	220		112			200	4.7			
	320		212			150	5.7			
	370	B(Folding Plastic Handwheel)	262	175	6	6.2				
	420	C(Five Spoked Handwheel)	312	200	6.7					
	470	362	150	8	7.2					



Optional
Processing

Code	QA	QU	QD	QL	QR
	Enhanced Side Locking Ordering Code	handwheel upward Ordering Code	handwheel downward Ordering Code	handwheel to the left Ordering Code	handwheel to the right Ordering Code
Spec.					

Optional Processing

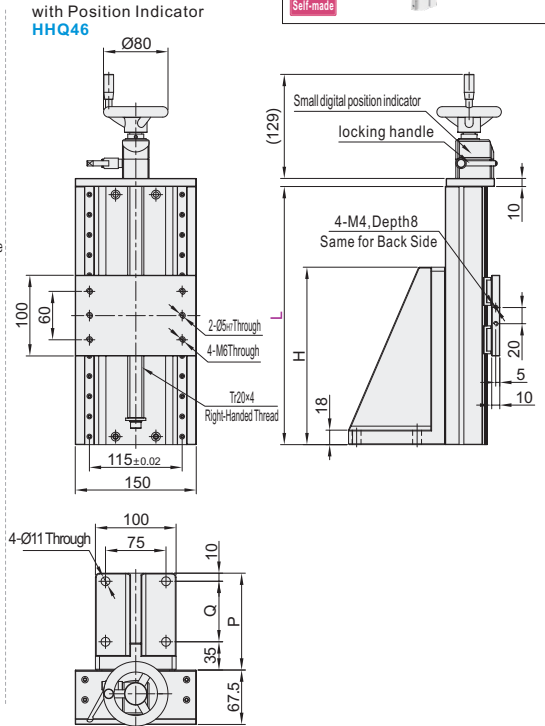
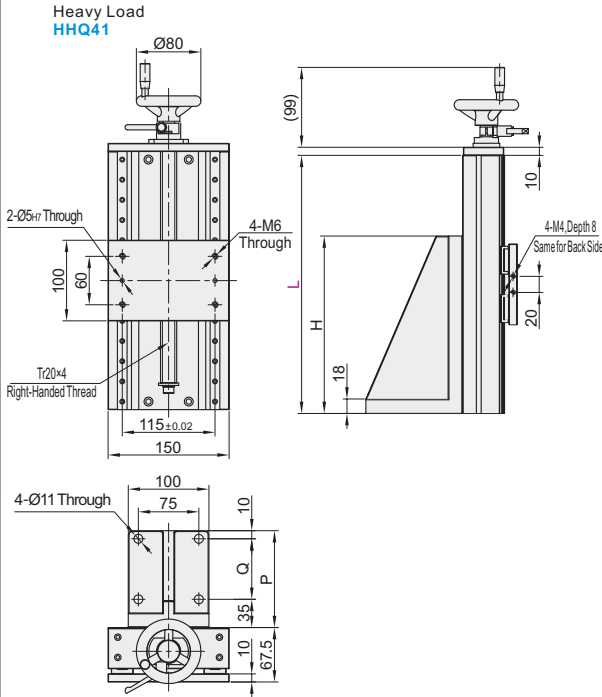
Part Number		Handwheel Type
Code	L	
HHQ31	170	Not Specified (Plastic Handwheel)
	220	B (Folding Plastic Handwheel)

Part Number		Handwheel Type	Optional Processing Code
Code	L		
	170	Not Specified (Plastic Handwheel)	
QH3	220	B (Folding Plastic Handwheel)	QA QU...

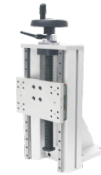
Code	Type	Drive direction	Material		Surface Treatment
			Main body	Screw nut	
HHQ41	Heavy Load	Z-Axis	Aluminum Alloy	Brass	Clear Anodize
HHQ46	with Position Indicator				

Advantages:

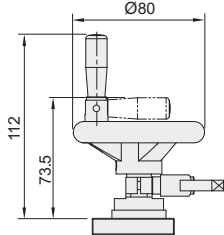
- The handwheel direction can be selected from 4 directions according to the operation situation.
- The slider will not slide down due to its own gravity.



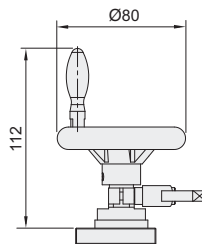
Self-made



Handwheel Type B



Handwheel Type C



Part Number	Code	L	Handwheel Type	Effective Stroke (mm)	Load Capacity (N)	H	Q	P	Parallelism (mm)	Pitch (mm)	Backlash (mm)	Weight (kg)
HHQ41 HHQ46	170			62								6.8
	220		Not Specified(Plastic Handwheel)	112								7.5
	320		B(Folding Plastic Handwheel)	212	220	75	120		0.15	4	0.3	8.6
	370			262								9.2
	420		C(Five Spoked Handwheel)	312								11.0
	470			362		350	105	150				11.5



Please order as shown

Part Number	Code	L	Handwheel Type
HHQ41	170		Not Specified(Plastic Handwheel)
HHQ46	220		B(Folding Plastic Handwheel)

HHQ41—L170

Part Number	Code	L	Handwheel Type	Optional Processing Code
HHQ41	170		Not Specified(Plastic Handwheel)	QA QU...
HHQ46	220		B(Folding Plastic Handwheel)	

HHQ41—L170—QA



Code	QA	QU	QD	QL	QR
	Enhanced Side Locking Ordering Code	handwheel upward Ordering Code	handwheel downward Ordering Code	handwheel to the left Ordering Code	handwheel to the right Ordering Code
Spec.					

① it's inapplicable when L=170

Simplified Adjustments

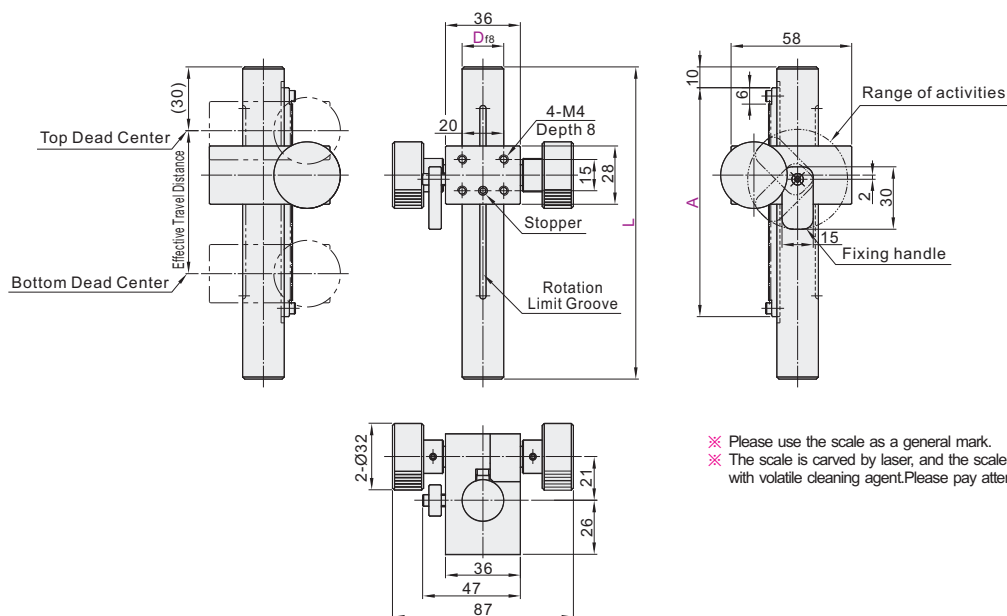
Z-Axis, Scaled Post Units Rack & Pinion

Code	Type	Post	Block	
		Material	Material	Surface Treatment
HHT81	Scaled Post Units	SUS304	Aluminum Alloy	Clear Anodize

- Advantages:
Used for height adjustment that requires long distance.

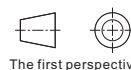


Self-made



- ✖ Please use the scale as a general mark.
- ✖ The scale is carved by laser, and the scale may be shallow with volatile cleaning agent. Please pay attention.

The scale unit is 0.1mm.



The first perspective

Part Number		D Tolerance	L	A	Travel Distance (mm)	Load Capacity (N)	Weight (kg)
Code	D						
HHT81	20	-0.020 -0.053	150	110	70	25	0.6
			200				0.7
			250	160	120		0.9
			300				1
			480	210	170		1.36



Please order
as shown

Part Number		D Tolerance	L	A
Code	D			
HHT81	20	-0.020 -0.053	250 300	160 210

HHT81—D20—L250—A160



Discount price			
Per	1~9	10~	
Price	100%	Additional quotation	



Delivery	
	6

Simplified Adjustments



Code	Type		Main Body		Shaft		Spring	Push Screw		Accessories
			Material	Surface Treatment	Material	Hardness	Material	Material	Surface Treatment	
HHJ01	Standard	Standard Handle	A6063	Black Anodize	SUS304	56HRC~	SUS631	S45C	Electroless Nickel Plating	Hex Socket Head Cap Screw

No.	Accessories(Screws)		Qty.	Material
20	Hex Socket Head	TAC21-M4-L12	2 pcs	SUS304
25	Cap Screw			
40	Hex Socket Low	TAF01-M5-L16	4 pcs	ML40Cr
60	Head Cap Screw			

[illegible]

Technical drawing of the Z-axis assembly showing a side view and a top view.

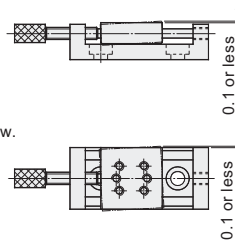
Side View Dimensions:

- Shaft diameter: $\varnothing 6$
- Thread: M4xP0.5
- Counterbore: $\varnothing 7.5$ Counterbore, Depth 3.2
- Through hole: 2- $\varnothing 4.5$ Through
- Lengths: 30, 8.5, 6.7, 7

Top View Dimensions:

- Plate size: 50x50
- Mounting holes: 2-M3, Depth 6 (For Mounting Z Axis)
- Through holes: 6-M3 Through
- Clamp screw hole: M4 (For Table Clamp Screw)
- Dimensions: 2.5, 5, 25, 10, 12, 18, 11.5, 6.7, 7, 8.5, 30, Z ± 5

- ⚠ Not recommended for precision positioning.
- ⚠ The stroke can be set according to the maximum displacement of the spring.
- ⚠ The use of overtravel may lead to lower accuracy.
- ⚠ When it is used in the vertical direction, it is recommended to add the opposite position set screw.
- ⚠ Use appropriate opposite set bolts can fix the sliding table.



0.15 or less

⚠ Travel Distance Per Handle Rotation: 0.5 mm.

