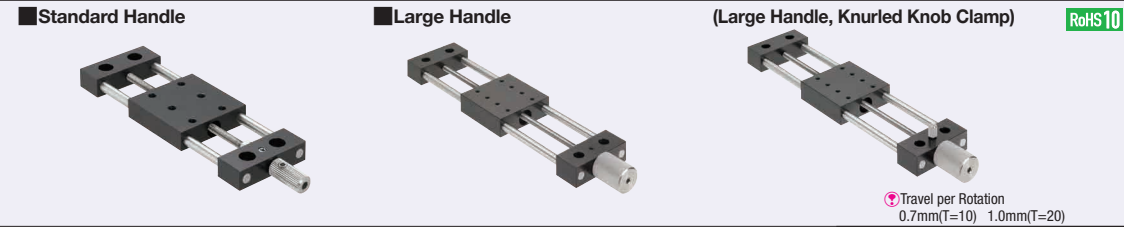


# [Simplified Adjustments] X-Axis, Feed Screw, Stroke Selectable

## Standard/Large Handle, M6 Mounting Holes

**Features:** This series features freely selectable long stroke length/table size combinations. Easy-to-use large Handwheel Type in vertical applications and types with M6 mounting holes on the top plate are also available.



Travel per Rotation  
0.7mm(T=10) 1.0mm(T=20)

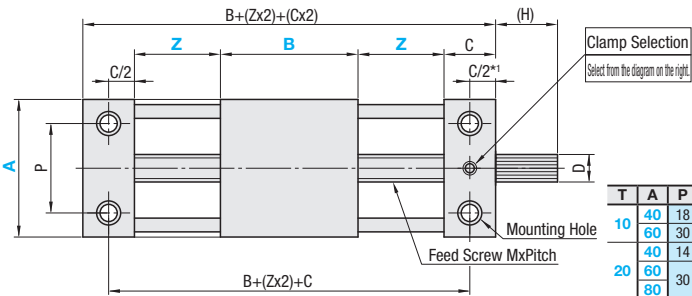
	Type		Main Body		Shaft	Knob	Feed Screw	Accessory
	Standard Handle	Large Handle	Material	Surface Treatment	Material	Material	Material	
M4 Mounting Hole	XKNEF	XKFL	Aluminum Alloy	Black Anodize	SUS304	SUS303	SUS304	T=10 SCB4-10, 4 pcs. T=20 SCB5-20, 4 pcs.
M6 Mounting Holes	XKFM	XKFML						

Type	T	D	(H)	C	MxPitch	M1	d1	d2	ℓ	R	g	t
XKNEF	10	7	16	15	M4xP0.7	3	4.5	7.5	4.2	2.5	-	5
XKFM	20	10	30	25	M6xP1.0	4	5.5	9	5.2	4	-	10
XKFL	10	15	16	15	M4xP0.7	3	4.5	7.5	4.2	5	2.5	5
XKFML	20	24	30	25	M6xP1.0	4	5.5	9	5.2	8	2	10

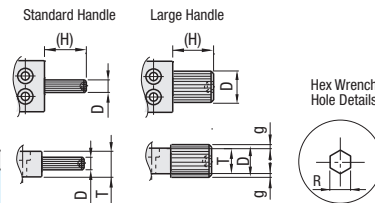
- Table surfaces and bottoms are 0.5mm higher than the end mounts.
- For accuracy standards, see the next page.
- There are two handle sizes available to accommodate the T dimension. For details, see the table on the upper left. Large handle can cause interference, when used with main body plate due to its large height size.
- Large handle can be used in horizontally placed configuration by specifying MMR Alteration.
- Large Lead Type with 3.0mm travel per Rotation is also available. (P1912)
- Do not force the handle to turn past the end of the travel limits as it may cause the handle to come loose.

XKNEF (Standard Handle, M4 Mounting Holes) XKFL (Large Handle, M4 Mounting Holes)  
XKFM (Standard Handle, M6 Mounting Holes) XKFML (Large Handle, M6 Mounting Holes)

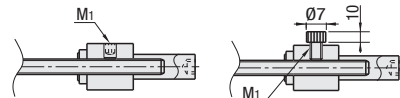


Clamp Selection  
Select from the diagram on the right.

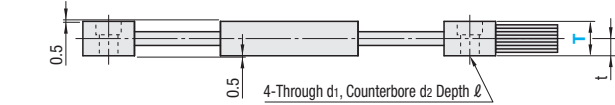
### Handle Shape Comparisons



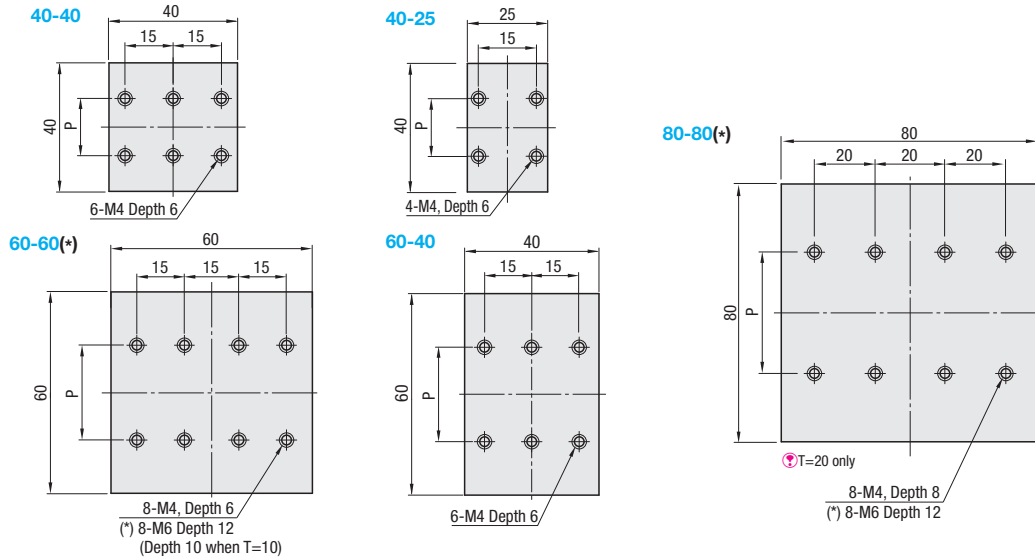
Clamp Selection  
S (Standard Set Screw) K (Knurled Knob)



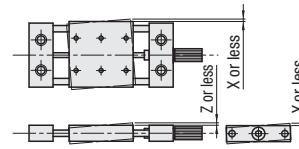
\*1 When A=40 and T=20, tapped holes for clamping will be C/2=6mm in order to avoid interferences with the counterbored holes.



### Stage Top Mounting Hole Dimensions (A-B) (\* marked only for XKFM and XKFML)



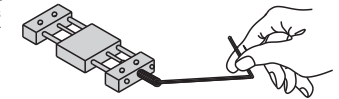
### Accuracy Standards



T	X	Y	Z
10	0.1	0.1	0.1
20	0.15	0.15	0.15

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

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



Part Number	Type	T	Z Selection				Clamp Selection	Load Capacity (N)				
			A-B		Travel Distance (Zx2)			T=10		T=20		
			10	15	25	30		Z=10-30	Z=40-70	Z=10-30	Z=40-70	
XKNEF XKFL	10 20		40-40	(10)	25	40	60	(Standard) S (Knurled Knob) K	39.2 (Horizontal) 19.6 (Vertical)	34.3 (Horizontal) 17.2 (Vertical)	78.4 (Horizontal) 39.2 (Vertical)	68.6 (Horizontal) 34.3 (Vertical)
			40-25	10	25	40	60					
			60-60	(15)	30	50	70					
			60-40	15	30	50	70					
XKFM XKFML	10 20		60-60	(15)	30	50	70		39.2 (Horizontal) 19.6 (Vertical)	34.3 (Horizontal) 17.2 (Vertical)		
			80-80 (T=20 only)	15	30	50	70					
			60-40	15	30	50	70					
			80-80 (T=20 only)	15	30	50	70					

Dimensions in ( ) are not selectable when T=10. Travel per Rotation: 0.7mm (T=10), 1.0mm (T=20)



Ordering Example  
Part Number - Z Selection - Clamp Selection  
XKNEF10-40-25 - Z40 - S  
XKFM20-60-60 - Z50 - K

T	A-B	Unit Price																
		XKNEF XKFM					XKFL XKFML											
		10	15	25	30	40	50	60	70	10	15	25	30	40	50	60	70	
10	40-40																	
	40-25																	
	60-60																	
	60-40																	
20	40-40																	
	40-25																	
	60-60																	
	60-40																	



Alterations  
Part Number - Z Selection - Clamp Selection - (MMR)  
XKNEF10-40-25 - Z40 - S - MMR



Example Bar-code Reader Position Adjustment

#### Alteration Mounting of a Scaled Plate on the Stage

Mounts a scaled plate on the stage.  
Minimum Graduation: 0.5mm

Scaled Plate alteration will change the mounting hole pitch since a plate is attached to the stage.

T	A	P2
10	40	18
60	30	30
40	14	14
20	60	30
80	30	30

A-B	Z	P1
40-40	10 25 50	110
40-25	10 25 35	95
60-60	15 30 75	145
60-40	15 30 55	125
80-80	15 30 95	165

4-Ø4.5 Through  
Ø7.5 Counterbore Depth 3

M Material: Aluminum Alloy  
S Surface Treatment: Black Anodize  
A Accessory: CBSST4-8 x 4 pcs.

Code MMR

