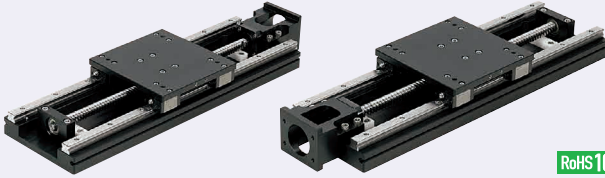


Single Axis Units

Rolled Ball Screws / Precision Ball Screws

■ **Features:** Various Sensor Sets (listed on **P515**) are available! Single Axis Units driven by Rolled Ball Screws and Precision Ball Screw. Suitable for heavy load transfer.



RoHS10

- Note 1) When fixing a workpiece to the table, make sure that the screw length is not longer than plate thickness t_2 .
 Note 2) Access hole is provided when $L=340$ (except $L_1=100$).
 Note 3) Stroke limit is the stroke at the point of contact with the stopper.
 Note 4) Some motor brackets have D dimensions smaller than D_1 . When selecting couplings, refer to "Coupling Application Examples Parts Numbers" below.

Rolled Ball Screws

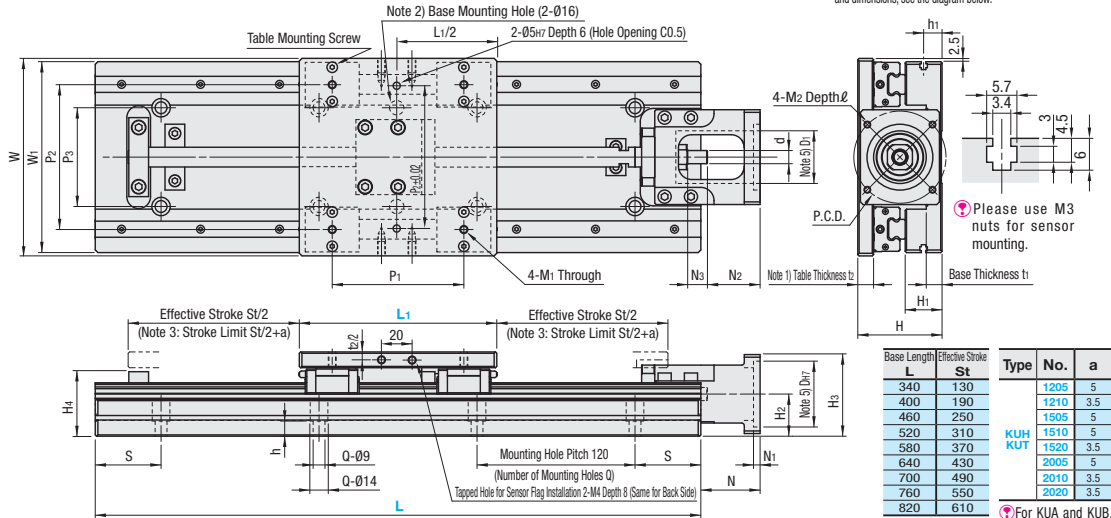
KUA (Servo Motor Type)
KUB (Stepping Motor Type)

Precision Ball Screw

KUH (Servo Motor Type)
KUT (Stepping Motor Type)

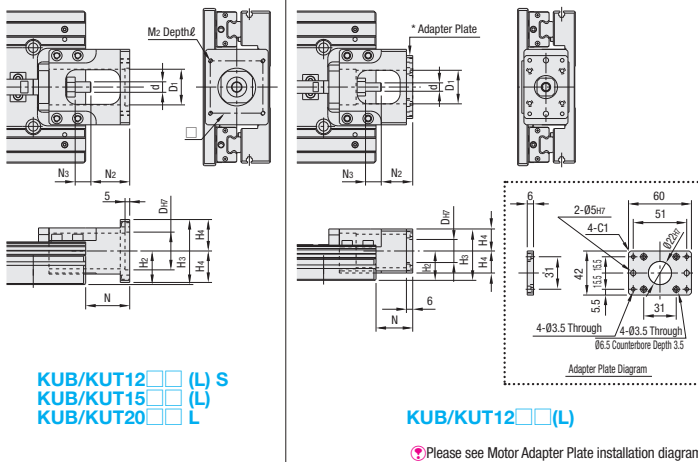
KUB/KUH Motor Installation Interface

⚠ For KUB/KUT Motor installation interface drawing and dimensions, see the diagram below.



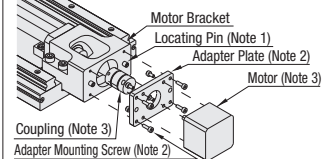
Parts	Base	Table	Motor Bracket	Nut Bracket	Fixed Side Support Unit	Support Side Bearing with Housing	Stopper
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Steel	Aluminum Alloy	Plastic
Surface Treatment	Black Anodize	Black Anodize	Black Anodize	Black Anodize	Black Oxide	Black Anodize	-

KUB/KUT Motor Installation Interface / NEMA Motor Installation Interface (KUA/KUB/KUH/KUT)



Mounting Instruction

⚠ KUB/KUT12□□ (L) Flange □42 Only



- Note 1) Locating pins are press-fit into the motor bracket.
 Note 2) A motor adapter plate and 4 pcs. of mounting screws M3x10 are included.
 Note 3) Motor and coupling are not included.

Part Number		Motor Installation Interface (KUB/KUT)										
Type	No.	□	D	D1	H3	H4	N	N2	N3	d	M2	ℓ
Stepping Motor Type KUB KUT	12□□ (L)	50	22	33.5	49	21	35	30				
	*12□□ (S) (LS)	31			58	45	40	15	8			
	15□□ (L)				62	43	38		10			
	2005L				64							
	2010L	50	36	35.5	70	30					M4	8
	2020L				64		58	40	18	12		
KUB	2020L				64							
KUT	2020L				70							

⚠ KUB/KUT12□□ (L) Flanged surface (its dimensions) protrudes downward from the base bottom surface by 2mm.

NEMA Motor Installation Interface

Type	Part Number		NEMA Motor Installation Interface (KUA/KUB/KUH/KUT)											
	Type	No.		D	D1	H2	H3	H4	N	N2	N3	d	M2	ℓ
NEMA23	KUA KUB KUH KUT	12 (S, L, LS)	47.1	38.1	35.5	28	58	30	42	37	15	8	M4	8
		15 (L)				32	62		43	38		10		
		2005L				34	64		55	37		20		
		2010L				40	70							
		2020L				34	64							
	2020L	40				70								
NEMA34	KUA KUB KUH KUT	15 (L)	69.6	73.03	45	32	75	43	56	51	15	10	M5	14
		2005L				34	77		68	50	20	12		15
		2010L				40	83							
		2020L				34	77							
		2020L				40	83							
	2020L													

* When H2-H4<0, Motor Bracket protrudes from Base Fixing Surface.

* When MCSLC40 is to be applied to NEMA34 series, select Torque 9.0N·m (≈1270oz-in) or less.