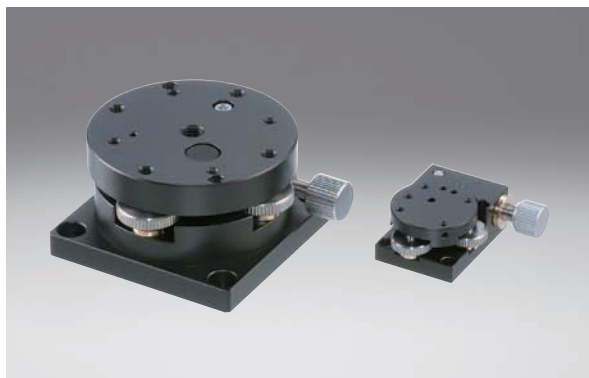


Tip/Tilt/Rotation stages for adjusting the angle of a sample on the table top over a limited range.

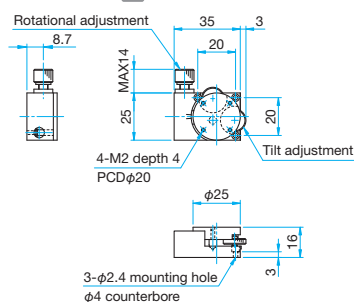
- There are two dials for Tip and tilt adjustment and a thumb screw for rotational adjustment.
- Designed strictly for light loads centered on the platform.



Outline Drawing

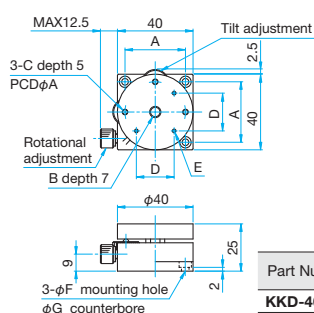
KKD-25C

ⓘ Pan head screw M2x6...3 screws



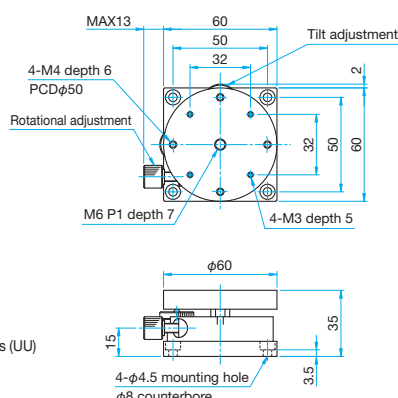
KKD-40C/40CUU

ⓘ Pan head screw M3x6...3 screws
Hexagonal socket head cap screw 6-32UNCx1/4...3 screws (UU)



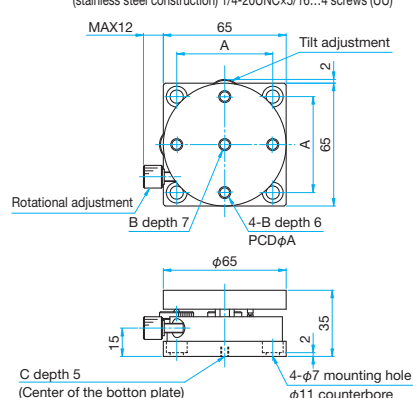
KKD-60C

ⓘ Hexagonal socket head cap screw M4x8...4 screws



KKD-65C-M6/65CUU

ⓘ Hexagonal socket head cap screw M6x8...4 screws (M6)
Hexagonal socket head cap screw (stainless steel construction) 1/4-20UNCx5/16...4 screws (UU)



Part Number	A (mm)	B	C
KKD-65C-M6	50	M6 P1	M4
KKD-65CUU	50.8	1/4-20UNC	8-32UNC

Part Number	A (mm)	B	C	D (mm)	E	F (mm)	G (mm)
KKD-40C	32	M6 P1	M3	20	3-M2 depth 4	3.5	6
KKD-40CUU	31.75	1/4-20UNC	6-32UNC			4	6.5

Specifications

Part Number	METRIC	KKD-25C	KKD-40C	KKD-60C	KKD-65C-M6
	INCH	—	KKD-40CUU	—	KKD-65CUU
Stage Size [mm]		φ25	φ40	φ60	φ65
Rotation Range [mm]		±3	±3	±3	±3
Tilt Range [°]	α axis	±3	±3	±3	±3
	β axis	±3	±3	±3	±3
Travel per Knob Rotation [°]	θ axis	about 0.9	about 2	about 1.7	about 1.68
	α axis	about 2.2	about 1.5	about 1	about 1.2
	β axis	about 2.2	about 1.5	about 1	about 1.2
Primary Material		Aluminum			
Finish		Black anodized			
Load Capacity [N]		1 (0.1kgf)	2 (0.2kgf)	4.9 (0.5kgf)	4.9 (0.5kgf)
Weight [kg]		0.05	0.1	0.3	0.5

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Dovetail

Lapping

V Groove Screw

Others

15 × 15 mm

25 × 25 mm

40 × 40 mm

60 × 60 mm

65 × 65 mm

80 × 80 mm

100 × 100 mm

120 × 120 mm

Others