

Manual Rotation Stages

SKR Series Stainless Steel High Precision Rotation Stages

FAstage



Description:

SKR series stage features large angle coarse and small angle fine adjustment. It is driven by the micrometer with high sensitivity. Material of main body is high rigidity stainless steel. A very ideal choice for manual angle adjustment accuracy requirements of high occasions.

Features:

- Sensitivity to 0.68 arc minutes
- Crossed-roller ring or angular contact ball bearing for smooth operation

Naming rules:

SKR10 A-45

SK: Stainless steel, Crossed-roller ring, high precision(Only $\phi 45$ is ball bearing)

Fine-tuning range:
10:10°

Stage surface size:
45: $\phi 45\text{mm}$
60: $\phi 60\text{mm}$
90: $\phi 90\text{mm}$

R: rotation stage

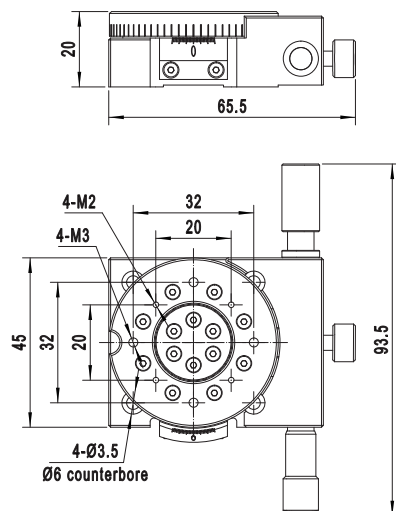
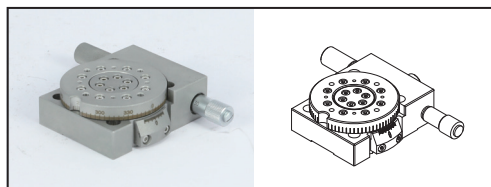
A: micrometer

Selection chart:

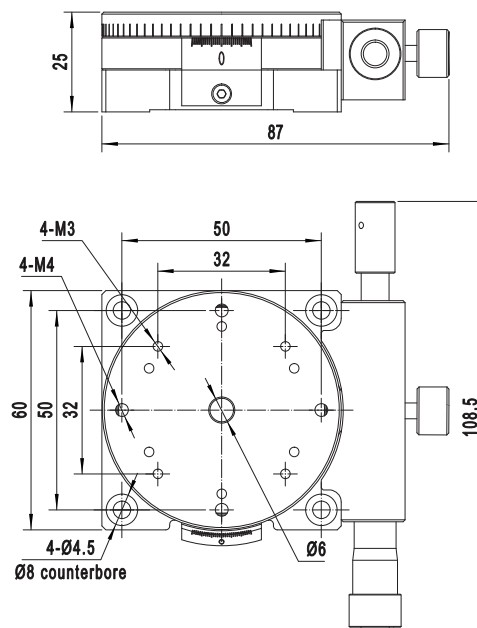
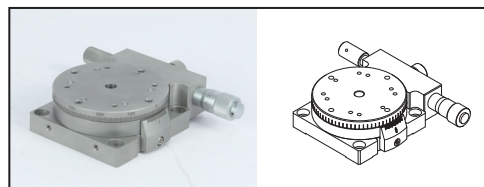
Model		SKR10A-45	SKR10A-60	SKR10A-60R	SKR10A-90
Travel range	Coarse(°)	360			
	Fine(°)	10			
Stage surface size(mm)		Φ 45	Φ 60	Φ 60	Φ 90
Guide mechanism		Angular contact ball bearing	Crossed-roller ring		
Drive type		Micrometer			
Main body material, surface treatment		SUS304 Stainless steel, sandblasting			
Weight(Kg)		0.33	0.71	0.71	1.38
Vernier minimum reading(°)		0.1			
Sensitivity(')		1.21	0.95	0.95	0.68
Static parallelism(mm)		≤0.05			
Axial run-out(μm)		≤40	≤30		
Radial run-out(μm)		/	≤50		
Angle changes by tuning a round of micrometer(°)		≈1.01	≈0.74	≈0.74	≈0.55
Central load capacity(Kg)		≤1.5	≤2	≤2	≤3

Dimensions:

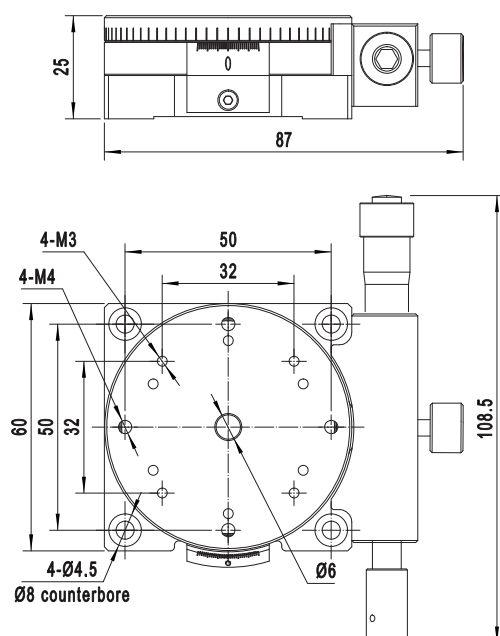
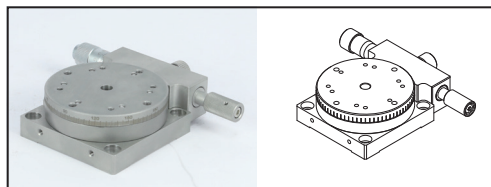
SKR10A-45



SKR10A-60



SKR10A-60R



SKR10A-90

