

Adapters | SP

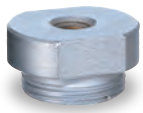
Application Systems
Optics & Optical Coatings
Opto-Mechanics
Bases
Manual Stages
Actuators & Adjusters
Motoeized Stages
Light Sources & Laser Safety
Index
Guide
Vibration Isolation Systems
Optical Tables
Darkrooms/ Dark Boxes
Optical Bases
Posts
Brackets
Adapters
Tools

M16 P1/M6 P1 Adapter Nuts | SP-121

RoHS Catalog Code W6065



SP-121-1

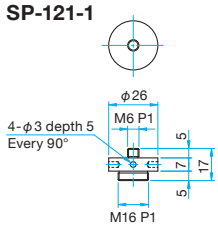


SP-121-2

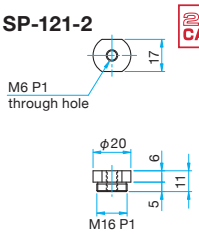
- Converts Female M16P1 threads to male or female M6P1 threads on post holders.

Outline Drawing

SP-121-1



SP-121-2



2D CAD 3D CAD

Connection Example

Main frame of holder etc. (M6 P1 (female)) → SP-121-1 → M16 P1

Post (M6 P1 (male)) → SP-121-2 → M16 P1

Specifications	Primary material: Brass Finish: Chrome
Part Number	Weight [kg]
SP-121-1	0.04
SP-121-2	0.02

M16 P1/M6 P1 Adapter Nuts | SP-121S

RoHS Catalog Code W6066



Upper surface

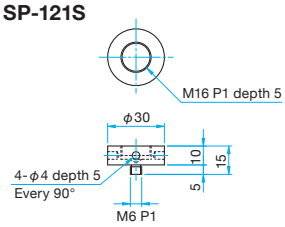


Under surface

- Converts a male M16P1 thread to a male M6P1 thread.

Outline Drawing

SP-121S



2D CAD 3D CAD

Connection Example

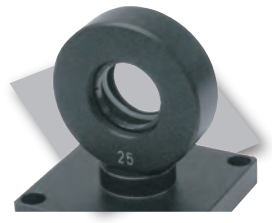
Post holder etc. (M16 P1 (male)) → SP-121S → Baseplate / optical breadboard etc. (M6 P1 (female))

Specifications	Primary material: Aluminum Finish: Black Anodized
Part Number	Weight [kg]
SP-121S	0.01

M6P1 Adapter Plates | SP-122

RoHS Catalog Code W6067

- Mounting adapter allows for parts with a M6P1 female thread to be used onto a M4 50 x50 mm mounting surface.
- Good for setting a low optical axis.



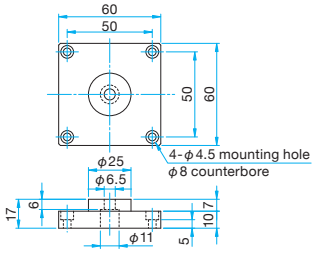
Attention

▶ Note that holders with protrusions within the ϕ25 mounting surface may not be able to be connected.

Outline Drawing

SP-122

Hexagonal socket head cap screw M4×10...4 screws
Hexagon socket head cap screw M6×12...1 screw



2D CAD 3D CAD

Connection Example

M6 P1 (female) → SP-122 → M4 50×50

Specifications	Primary material: Aluminum Finish: Black Anodized
Part Number	Weight [kg]
SP-122	0.1

Top Plates for KSP-406M | SP-123

RoHS Catalog Code W6068

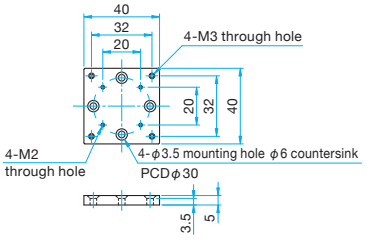
- Allows for 40 mm stages to be mount on top of rotaion stages KSP-406M.



Outline Drawing

SP-123

Countersunk screw M3×8...4 screws



2D CAD 3D CAD

Connection Example

25×25 stage (M2 20×20)
40×40 stage (M3 32×32)
→ SP-123 →
KSP-406M
KSP-406MR

Specifications	Primary material: Aluminum Finish: Black Anodized
Part Number	Weight [kg]
SP-123	0.02