PHOB Series Right-Angle Brackets for Manual Stages, 58–502 mm Height

Model PHOB Series · waveqvanta.com/products/phob-series-right-angle-brackets-for-manual-stages

Right-angle brackets that give manual stages a 90° mounting face, in aluminum or stainless steel.



PHOB series right brackets provide a 90° mounting face for manual stages, typically used to set up a vertical axis in a stage assembly. Aluminum alloy versions (PHOB-A) are anodized and stainless steel versions (PHOB-S) are sandblasted. Sizes run from 40 mm bases with 58 mm height up to 150 mm bases with 502 mm height, plus NFP-461-ZKit and NFP-462-ZKit brackets.

Key features

- Aluminum alloy (PHOB-A, anodized) or stainless steel (PHOB-S, sandblasted) versions
- Square base sizes of 40, 60, 65, 80, 100, 120 and 150 mm
- Overall heights from 58 mm to 502 mm across 19 models
- Counterbored holes in the base; tapped M3, M4 or M6 holes on the vertical face
- Stainless steel versions in 40, 60 and 65 mm sizes

Specifications

Type	Right-angle bracket for manual stages
Aluminum Versions	PHOB-A, aluminum alloy, anodized
Stainless Steel Versions	PHOB-S, stainless steel, sandblasted (40, 60 and 65 mm sizes)
Base Sizes	40 × 40 mm to 150 × 150 mm
Overall Height	58–502 mm (model dependent)
Mounting Features	Counterbored base holes; tapped M3, M4 or M6 holes on the vertical face

Model overview

Model	Material	Base (mm)	Height (mm)
PHOB-A40	Aluminum alloy, anodized	40 × 40	58
PHOB-S40	Stainless steel, sandblasted	40 × 40	58
PHOB-A60	Aluminum alloy, anodized	60 × 60	81
PHOB-S60	Stainless steel, sandblasted	60 × 60	81
PHOB-A65	Aluminum alloy, anodized	65 × 65	88
PHOB-S65	Stainless steel, sandblasted	65 × 65	88
PHOB-A80A	Aluminum alloy, anodized	80 × 80	106
PHOB-A80B	Aluminum alloy, anodized	80 × 80	135
PHOB-A80C	Aluminum alloy, anodized	80 × 80	178
PHOB-A80D	Aluminum alloy, anodized	80 × 80	231
PHOB-A100	Aluminum alloy, anodized	100 × 100	130
PHOB-A120A	Aluminum alloy, anodized	120 × 120	242
PHOB-A120B	Aluminum alloy, anodized	120 × 120	302
PHOB-A120C	Aluminum alloy, anodized	120 × 120	342
PHOB-A120D	Aluminum alloy, anodized	120 × 120	392
PHOB-A150A	Aluminum alloy, anodized	150 × 150	372
PHOB-A150B	Aluminum alloy, anodized	150 × 150	502

Model	Material	Base (mm)	Height (mm)
NFP-461-ZKit	—	40 × 30	50
NFP-462-ZKit	—	65 × 46	80

Typical applications

- Mounting manual stages at 90° to build vertical axes
- Building XZ and XYZ manual positioning assemblies
- Holding optics or sensors on a vertical plane above the table