BP Series Bases for Manual Stages, Aluminum or Stainless Steel, 40–100 mm

Model BP Series · waveqvanta.com/products/bp-series-bases-for-manual-stages

Base plates for combining manual stages or fixing them securely to an optical table.



BP series bases adapt manual stages to each other and to the optical table, making it easier to combine different stage types or fix a stage in place. Aluminum alloy versions (BP-A) are anodized and stainless steel versions (BP-S) are sandblasted. Plates range from 40 × 40 mm to 100 × 100 mm, with NFP-461-Base and NFP-462-Base plates also available.

Key features

- Aluminum alloy (BP-A, anodized) or stainless steel (BP-S, sandblasted) versions
- Square sizes of 40, 60, 65, 80 and 100 mm; rectangular 80 × 100, 80 × 125 and 80 × 175 mm
- 10 mm thick BP plates; 9 mm thick NFP-461-Base and NFP-462-Base
- Counterbored through holes plus tapped M3, M4 and M6 holes, depending on size
- Stainless steel versions in 40, 60 and 65 mm sizes

Specifications

Function	Base for combining manual stages or fixing them to an optical table
Aluminum Versions	BP-A, aluminum alloy, anodized
Stainless Steel Versions	BP-S, stainless steel, sandblasted (40, 60 and 65 mm sizes)
Plate Sizes	40 × 40 mm to 100 × 100 mm
Thickness	10 mm (BP series); 9 mm (NFP-461-Base, NFP-462-Base)
Mounting Features	Counterbored through holes; tapped M3, M4 and M6 holes (size dependent)

Model overview

Model	Material	Dimensions (mm)
BP-A40	Aluminum alloy, anodized	40 × 40 × 10
BP-S40	Stainless steel, sandblasted	40 × 40 × 10
BP-A60	Aluminum alloy, anodized	60 × 60 × 10
BP-S60	Stainless steel, sandblasted	60 × 60 × 10
BP-A65	Aluminum alloy, anodized	65 × 65 × 10
BP-S65	Stainless steel, sandblasted	65 × 65 × 10
BP-A80A	Aluminum alloy, anodized	80 × 80 × 10
BP-A80B	Aluminum alloy, anodized	80 × 100 × 10
BP-A80C	Aluminum alloy, anodized	80 × 125 × 10
BP-A80D	Aluminum alloy, anodized	80 × 175 × 10
BP-A100	Aluminum alloy, anodized	100 × 100 × 10
NFP-461-Base	—	40 × 40 × 9
NFP-462-Base	—	120 × 65 × 9

Typical applications

- Mounting manual stages on optical tables and breadboards

- Adapting between stages of different sizes
- Building stacked multi-axis manual assemblies