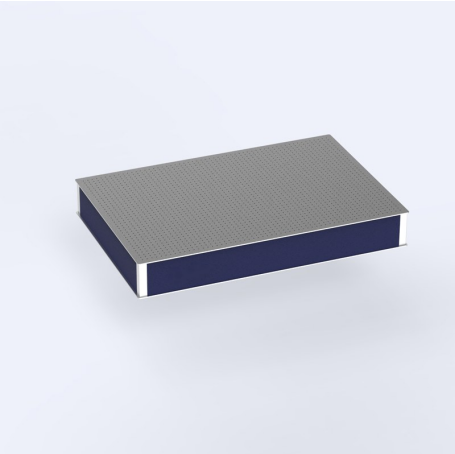
NTBP Series Stainless Steel Optical Breadboards, 50–300 mm Thick, M6 Holes

Model NTBP Series · waveqvanta.com/products/ntbp-series-stainless-steel-optical-breadboards

Stainless steel optical breadboards with carbon steel bottom skin, in 53 sizes up to 3000 × 1500 mm.



NTBP Series breadboards pair a 4–6 mm stainless steel working surface with a 4–6 mm carbon steel bottom skin, finished with black aluminum-plastic side panels and stainless steel corner covers. The series lists 53 models from 300 × 300 × 50 mm to 3000 × 1500 × 300 mm, with M6 tapped holes on a 25 mm grid and a flatness of 0.02–0.05 mm over 600 mm × 600 mm.

Key features

- 4–6 mm SUS430 (1Cr17) stainless steel working surface as standard; SUS304 (-304) or SUS316 (-316) optional for weak or very weak magnetic conductivity
- 4–6 mm carbon steel bottom skin
- Surface flatness 0.02–0.05 mm over 600 mm × 600 mm
- Matte black, low-reflection surface with M6 holes on a 25 mm × 25 mm grid, 37.5 mm from the edges
- Overall thickness 50, 100, 150, 200 or 300 mm; footprints from 1500 × 900 mm upward offered in two or three thicknesses
- Black aluminum-plastic side panels with stainless steel corner covers

Specifications

Working Surface	4–6 mm thick stainless steel, SUS430 (1Cr17) standard
Optional Surface Materials	SUS304 (-304), SUS316 (-316)
Bottom Skin	4–6 mm thick carbon steel
Sizes	300 × 300 mm to 3000 × 1500 mm (53 models)
Overall Thickness	50 / 100 / 150 / 200 / 300 mm
Surface Flatness	0.02–0.05 mm / 600 mm × 600 mm
Surface Finish	Matte black, low reflection
Mounting Holes	M6
Hole Grid	25 mm × 25 mm
Hole to Border	37.5 mm
Weight per Area	about 110 kg/m^2 (50 mm), 120 (100 mm), 130 (150 mm), 140 (200 mm), 167 (300 mm)
Side Panels	Black aluminum-plastic plate, stainless steel corner covers

Model overview

Models	Length × Width (mm)	Thickness (mm)
NTBP33-50	300 × 300	50
NTBP345-50	450 × 300	50
NTBP4545-50	450 × 450	50
NTBP36-50	600 × 300	50
NTBP456-50	600 × 450	50
NTBP66-100	600 × 600	100

Models	Length × Width (mm)	Thickness (mm)
NTBP459-100	900 × 450	100
NTBP69-100	900 × 600	100
NTBP99-100	900 × 900	100
NTBP810-100	1000 × 800	100
NTBP612-100	1200 × 600	100
NTBP812-100	1200 × 800	100
NTBP912-100	1200 × 900	100
NTBP1212-100	1200 × 1200	100
NTBP615-100	1500 × 600	100
NTBP915-100 / -150 / -200	1500 × 900	100 / 150 / 200
NTBP1015-100 / -150 / -200	1500 × 1000	100 / 150 / 200
NTBP1215-100 / -150 / -200	1500 × 1200	100 / 150 / 200
NTBP1515-100 / -150 / -200	1500 × 1500	100 / 150 / 200
NTBP918-100 / -150 / -200	1800 × 900	100 / 150 / 200
NTBP1018-100 / -150 / -200	1800 × 1000	100 / 150 / 200
NTBP1218-100 / -150 / -200	1800 × 1200	100 / 150 / 200
NTBP1518-100 / -150 / -200	1800 × 1500	100 / 150 / 200
NTBP1020-150 / -200	2000 × 1000	150 / 200
NTBP1220-150 / -200	2000 × 1200	150 / 200
NTBP1520-150 / -200	2000 × 1500	150 / 200
NTBP1224-150 / -200	2400 × 1200	150 / 200
NTBP1524-150 / -200	2400 × 1500	150 / 200
NTBP1230-200 / -300	3000 × 1200	200 / 300
NTBP1530-200 / -300	3000 × 1500	200 / 300

Typical applications

- Optical and laser experiment layouts
- Mounting optical instruments and sub-systems
- Work surfaces on frames or isolation supports
- Large multi-beam optical setups