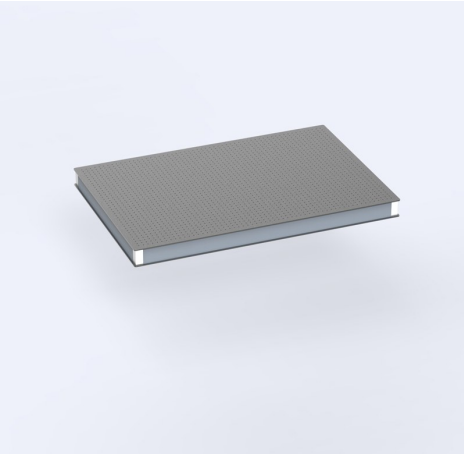
NTBB Series Stainless Steel Optical Breadboards, 50–200 mm Thick, M6 Holes

Model NTBB Series · waveqvanta.com/products/ntbb-series-stainless-steel-optical-breadboards

Stainless steel optical breadboards from 300 × 300 mm to 3000 × 1500 mm for laboratory optical layouts.



NTBB Series breadboards have an SUS430 stainless steel working surface with a matte black, low-reflection finish and M6 tapped holes on a 25 mm grid. The series covers 35 sizes from 300 × 300 × 50 mm to 3000 × 1500 × 200 mm, in overall thicknesses of 50, 100, 150 and 200 mm. SUS304 and SUS316 working surfaces are offered as options where lower magnetic conductivity is needed.

Key features

- SUS430 (1Cr17) high magnetic conductivity stainless steel working surface as standard
- Optional SUS304 (-304, weak magnetic) or SUS316 (-316, very weak magnetic) working surface
- Matte black, low-reflection surface
- M6 tapped holes on a 25 mm × 25 mm grid, 37.5 mm from the edges
- Surface flatness 0.1 mm over 600 mm × 600 mm
- Overall thickness 50, 100, 150 or 200 mm depending on size
- Grey aluminum-plastic side panels with stainless steel corner covers

Specifications

Working Surface	SUS430 (1Cr17) stainless steel, standard
Optional Surface Materials	SUS304 (-304), SUS316 (-316)
Working Surface, Width Over 1500 mm	1Cr13 (SUS410) stainless steel
Sizes	300 × 300 mm to 3000 × 1500 mm
Overall Thickness	50 / 100 / 150 / 200 mm
Surface Flatness	0.1 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	110 kg/m^2 (50 mm), 120 kg/m^2 (100 mm), 130 kg/m^2 (150 mm), 140 kg/m^2 (200 mm)
Side Panels	Grey aluminum-plastic plate, stainless steel corner covers

Model overview

Model	Length × Width (mm)	Thickness (mm)	Working Surface
NTBB33-50	300 × 300	50	SUS430
NTBB345-50	450 × 300	50	SUS430
NTBB4545-50	450 × 450	50	SUS430
NTBB36-50	600 × 300	50	SUS430
NTBB456-50	600 × 450	50	SUS430
NTBB66-50	600 × 600	50	SUS430

Model	Length × Width (mm)	Thickness (mm)	Working Surface
NTBB459-50	900 × 450	50	SUS430
NTBB69-50	900 × 600	50	SUS430
NTBB99-50	900 × 900	50	SUS430
NTBB810-50	1000 × 800	50	SUS430
NTBB612-50	1200 × 600	50	SUS430
NTBB812-50	1200 × 800	50	SUS430
NTBB912-50	1200 × 900	50	SUS430
NTBB1212-50	1200 × 1200	50	SUS430
NTBB615-50	1500 × 600	50	SUS430
NTBB915-100	1500 × 900	100	SUS430
NTBB1015-100	1500 × 1000	100	SUS430
NTBB1215-100	1500 × 1200	100	SUS430
NTBB1515-100	1500 × 1500	100	SUS430
NTBB918-100	1800 × 900	100	SUS430
NTBB1018-100	1800 × 1000	100	SUS430
NTBB1218-100	1800 × 1200	100	SUS430
NTBB1518-100	1800 × 1500	100	SUS430
NTBB1020-150	2000 × 1000	150	SUS430
NTBB1220-150	2000 × 1200	150	SUS430
NTBB1520-150	2000 × 1500	150	SUS430
NTBB1520-200	2000 × 1500	200	SUS430
NTBB1224-150	2400 × 1200	150	SUS430
NTBB1224-200	2400 × 1200	200	SUS430
NTBB1524-150	2400 × 1500	150	SUS430
NTBB1524-200	2400 × 1500	200	SUS430
NTBB1824-150	2400 × 1800	150	1Cr13 (SUS410)
NTBB1824-200	2400 × 1800	200	1Cr13 (SUS410)
NTBB1230-200	3000 × 1200	200	SUS430
NTBB1530-200	3000 × 1500	200	SUS430

Typical applications

- Optical and laser experiment layouts
- Mounting optical instruments and sub-systems
- Work surfaces on frames or isolation supports
- Setups using magnetic bases (SUS430 top)