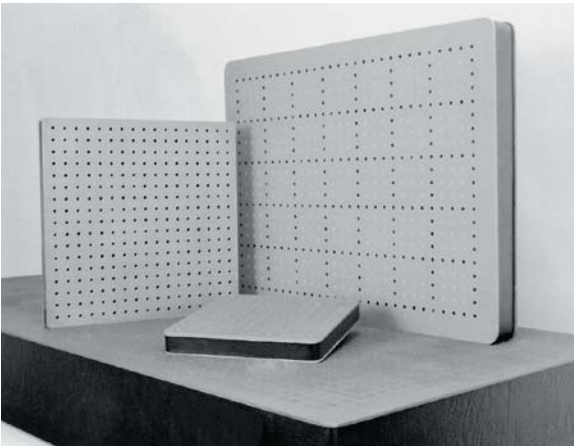


704 · 705 · 707 · 712 HONEYCOMB BREADBOARDS



Honeycomb Breadboards provide a particularly effective way to expand the useful area of an optical table. The mounting surface has tapped M6 holes on 25 mm centers for permanent mounting of components. These baseplates use the same sandwich structure as full size honeycomb table tops. The standard top skin is made of ferromagnetic stainless steel. Thickness of the skin is 5 mm, depending on the dimensions of the table top.

Honeycomb Breadboards up to 0.5 m² have a grid of nine M6 tapped mounting holes in each corner of the bottom side. Larger breadboards can have this grid by request. The Honeycomb Breadboards can be mounted at the bottom side of a table or elevated above its surface using Silent Rods 795-0010.

These Breadboards are not intended as a substitute for optical tables. Their size-to-thickness ratio produces relatively low end-to-end rigidity, although their local rigidity over distances of less than about 30 to 60 cm is excellent. When attached solidly to a dynamically rigid optical table, performance of resulting working surface becomes comparable to that of the table itself.

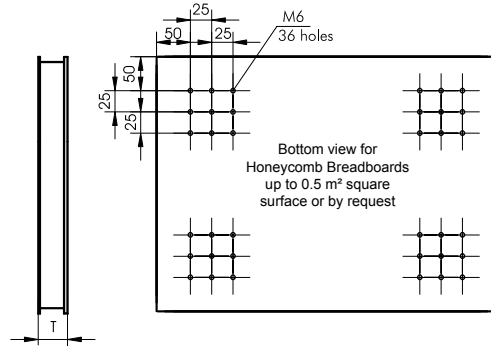
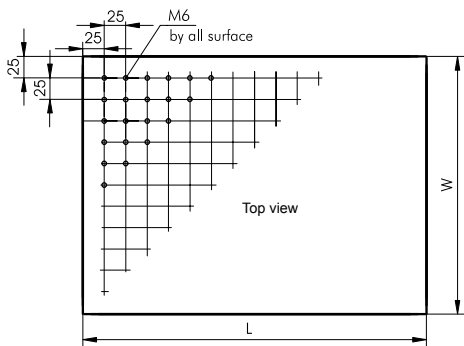
- Core – 265 kg/m³ 0.25 mm thick steel honeycomb
- Top skin – 5 mm thick ferromagnetic stainless steel
- Pattern of M6 holes spaced by 25 mm
- Flatness ±0.1 mm/m²



A breadboard can be mounted on a table using silent rods 795-0010 or 820-0055



704-0303



Honeycomb Breadboards ordering chart

Custom sizes are available on request.

Size W×L, mm	Thickness T, mm			
	40	50	70	120
300×300	704-0303			
300×600	704-0306	705-0306		
300×900	704-0309	705-0309		
300×1200	704-0312	705-0312		
300×1800	704-0318	705-0318		
440×440	704-4444			
500×500	704-0505	705-0505	707-0505	
500×750	704-0575	705-0575	707-0575	
500×1000	704-0510	705-0510	707-0510	
600×600	704-0606	705-0606	707-0606	
600×800	704-0608	705-0608	707-0608	
600×900	704-0609	705-0609	707-0609	712-0609
600×1200	704-0612	705-0612	707-0612	712-0612
600×1500			707-0615	712-0615
600×1800			707-0618	712-0618
600×2400			707-0624	712-0624
800×800	704-0808	705-0808	707-0808	712-0808
800×1000		705-0810	707-0810	712-0810
800×1200		705-0812	707-0812	712-0812
800×1500			707-0815	712-0815

Size W×L, mm	Thickness T, mm			
	40	50	70	120
800×1800			707-0818	712-0818
900×1000		705-0910	707-0910	712-0910
900×1200		705-0912	707-0912	712-0912
900×1400			707-0914	712-0914
900×1500		705-0915	707-0915	712-0915
900×1600			707-0916	712-0916
900×1800			707-0918	712-0918
900×2400			707-0924	712-0924
1000×1000		705-1010	707-1010	712-1010
1000×1200			707-1012	712-1012
1000×1500			707-1015	712-1015
1000×1800			707-1018	712-1018
1000×2000				712-1020
1000×2400				712-1024
1200×1200			707-1212	712-1212
1200×1500				712-1215
1200×1800				712-1218
1500×1500			707-1515	712-1515
1500×1800				712-1518
1500×2000				712-1520

Complementary Products

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BASE POSITIONERS

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