





Optical Table Catalogue

Optical Table Series	Picture	Description	Model	Dimension (L*W*H)mm	Basic Structure
High Precision Optical Table POT Type		<p>Features:</p> <ul style="list-style-type: none"> •Choose composite solid damp material(gum absorber) for vibration isolation <p>Technical Parameters:</p> <ul style="list-style-type: none"> •Inherent frequency: 6-10 Hz •Roughness: 0.8-1.6 μm •Flatness 0.02-0.05mm/ m² •Mounting Holes: Metric M6 tapped holes on 25mm grid •Working Surface: 400 series ferromagnetic stainless steel •Bottom Skins: 6mm thickness steel plate epoxy painted finish •Side walls: 6.0mm thickness steel plate •Borders around mounting Holes: 50 mm or as customer requests 	POT06-06	600×600×800	4Isolators M6Tapped Hole Grid25
			POT075-075	750×750×800	4Isolators M6Tapped Hole Grid25
			POT09-06	900×600×800	4Isolators M6Tapped Hole Grid25
			POT10-07	1000×700×800	4Isolators M6Tapped Hole Grid25
			POT10-08	1000×800×800	4Isolators M6Tapped Hole Grid25
			POT12-08	1200×800×800	4Isolators M6Tapped Hole Grid25
			POT15-09	1500×900×800	4Isolators M6Tapped Hole Grid25
			POT15-10	1500×1000×800	4Isolators M6Tapped Hole Grid25
			POT16-09	1600×900×800	4Isolators M6Tapped Hole Grid25
			POT18-12	1800×1200×800	4Isolators M6Tapped Hole Grid25
			POT20-10	2000×1000×800	4Isolators M6Tapped Hole Grid25
			POT20-12	2000×1200×800	4Isolators M6Tapped Hole Grid25
			POT24-12	2400×1200×800	4Isolators M6Tapped Hole Grid25
			POT30-10	3000×1000×800	4Isolators M6Tapped Hole Grid50
			POT30-12	3000×1200×800	4Isolators M6Tapped Hole Grid50
			POT30-15	3000×1500×800	4Isolators M6Tapped Hole Grid50
			POT35-12	3500×1200×800	6Isolators M6Tapped Hole Grid50
			POT35-15	3500×1500×800	6Isolators M6Tapped Hole Grid50
			POT40-15	4000×1500×800	6Isolators M6Tapped Hole Grid100
			POT42-15	4200×1500×800	6Isolators M6Tapped Hole Grid100
POT48-15	4800×1500×800	6Isolators M6Tapped Hole Grid100			
POT54-15	5400×1500×800	6Isolators M6Tapped Hole Grid100			
POT60-15	6000×1500×800	6Isolators M6Tapped Hole Grid100			
			POT-G06-06	600×600×800	4Isolators M6Tapped Hole Grid25
			POT-G075-075	750×750×800	4Isolators M6Tapped Hole Grid25
			POT-G09-06	900×600×800	4Isolators M6Tapped Hole Grid25
			POT-G10-07	1000×700×800	4Isolators M6Tapped Hole Grid25
			POT-G10-08	1000×800×800	4Isolators M6Tapped Hole Grid25
			POT-G12-08	1200×800×800	4Isolators M6Tapped Hole Grid25
			POT-G15-09	1500×900×800	4Isolators M6Tapped Hole Grid25
			POT-G15-10	1500×1000×800	4Isolators M6Tapped Hole Grid25



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High precision Optical Table POT-G type	<p>Stable vibration isolation performance in any given vibration environment</p> 	<p>Features:</p> <ul style="list-style-type: none"> • Adoption of superior composite to isolate vibration , with the vibration isolation performance nearly to pneumatic optical table <p>Technical Parameters:</p> <ul style="list-style-type: none"> •Inherent frequency: 4-6 Hz •Roughness: 0.8-1.6 μm •Flatness 0.02-0.05mm/ m² •Mounting Holes: Metric M6 tapped holes on 25mm grid •Working Surface: 400 series ferromagnetic stainless steel •Bottom Skins: 6mm thickness steel plate epoxy painted finish •Side walls : 6.0mm thickness steel plate •Borders around mounting Holes: 50 mm or as customer requests 	POT-G16-09	1600×900×800	4Isolators M6Tapped Hole Grid25
			POT-G18-12	1800×1200×800	4Isolators M6Tapped Hole Grid25
			POT-G20-10	2000×1000×800	4Isolators M6Tapped Hole Grid25
			POT-G20-12	2000×1200×800	4Isolators M6Tapped Hole Grid25
			POT-G24-12	2400×1200×800	4Isolators M6Tapped Hole Grid25
			POT-G30-10	3000×1000×800	4Isolators M6Tapped Hole Grid50
			POT-G30-12	3000×1200×800	4Isolators M6Tapped Hole Grid50
			POT-G30-15	3000×1500×800	4Isolators M6Tapped Hole Grid50
			POT-G35-12	3500×1200×800	6Isolators M6Tapped Hole Grid50
			POT-G35-15	3500×1500×800	6Isolators M6Tapped Hole Grid50
			POT-G40-15	4000×1500×800	6Isolators M6Tapped Hole Grid100
			POT-G42-15	4200×1500×800	6Isolators M6Tapped Hole Grid100
			POT-G48-15	4800×1500×800	6Isolators M6Tapped Hole Grid100
			POT-G54-15	5400×1500×800	6Isolators M6Tapped Hole Grid100
			POT-G60-15	6000×1500×800	6Isolators M6Tapped Hole Grid100
Fine Self-balancing Vibration Isolation Optical Table ZDT Type (1Hz)	<p>Excellent Vibration Isolation Performance</p> 	<p>Features:</p> <ul style="list-style-type: none"> •Fine self-balancing pneumatic vibration-isolated optical table •Germany-Imported components and technology--Cooperated with Germany Bilz & all pneumatic actuators adapt Germany FESTO components •Self-centering& Bulb pendulum bar patent Technology --super low inherent frequency(higher transmissibility at same frequency) ≤1Hz •Self-Balancing--The optical table can automatically adjust to one horizontal plane <p>Technical Parameters:</p> <ul style="list-style-type: none"> •Inherent frequency: ≤1Hz •Roughness:0.5-0.6 μm •Flatness:0.02-0.05mm/m² •Mounting Holes: Metric M6 tapped holes on 25mm grid •Working Surface: 400 series ferromagnetic stainless steel •Bottom Skins: 6mm thickness steel plate epoxy painted finish •Side walls : 6.0mm thickness steel plate •Borders around Mounting Holes: 50 mm or as customer requests •Deflection under load: calculating according to loading weight and loading area(especially from vertical direction). •Mute air compressor 	ZDT06-06	600×600×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (1Hz)
			ZDT075-075	750×750×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (1Hz)
			ZDT09-06	900×600×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (1Hz)
			ZDT10-07	1000×700×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (1Hz)
			ZDT10-08	1000×800×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (1Hz)
			ZDT12-08	1200×800×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (1Hz)
			ZDT15-09	1500×900×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (1Hz)
			ZDT15-10	1500×1000×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (1Hz)
			ZDT16-09	1600×900×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (1Hz)
			ZDT18-12	1800×1200×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (1Hz)
			ZDT20-10	2000×1000×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (1Hz)
			ZDT20-12	2000×1200×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (1Hz)
			ZDT24-12	2400×1200×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (1Hz)
			ZDT30-10	3000×1000×800	4Isolators M6Tapped Hole Grid50 Load Limit 950kg (1Hz)
			ZDT30-12	3000×1200×800	4Isolators M6Tapped Hole Grid50 Load Limit 950kg (1Hz)
ZDT30-15	3000×1500×800	4Isolators M6Tapped Hole Grid50 Load Limit 950kg (1Hz)			


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			ZDT35-12	3500×1200×800	6Isolators M6Tapped Hole Grid50 Load Limit 1200kg (1Hz)
			ZDT35-15	3500×1500×800	6Isolators M6Tapped Hole Grid50 Load Limit 1200kg (1Hz)
			ZDT40-15	4000×1500×800	6Isolators M6Tapped Hole Grid100Load Limit1500kg (1Hz)
			ZDT42-15	4200×1500×800	6Isolators M6Tapped Hole Grid100 Load Limit 1500kg (1Hz)
			ZDT48-15	4800×1500×800	6Isolators M6Tapped Hole Grid100 Load Limit 2500kg (1Hz)
			ZDT54-15	5400×1500×800	6Isolators M6Tapped Hole Grid100 Load Limit 2500kg (1Hz)
			ZDT60-15	6000×1500×800	6Isolators M6Tapped Hole Grid100Load Limit 2500kg (1Hz)
Fine Self-balancing Vibration Isolation Optical Table ZDT Type (2Hz)	 <p style="text-align: center;">Excellent Vibration Isolation Performance</p>	<p>Features:</p> <ul style="list-style-type: none"> •Fine self-balancing pneumatic vibration-isolated optical table •Germany-Imported components and technology--Cooperated with Germany Bilz & all pneumatic actuators adapt Germany FESTO components •Self-centering& Bulb pendulum bar patent Technology --super low inherent frequency(higher transmissibility at same frequency) ≤2Hz •Self-Balancing--The optical table can automatically adjust to one horizontal plane <p>Technical Parameters:</p> <ul style="list-style-type: none"> •Inherent frequency: ≤2Hz •Roughness:0.5-0.6 μm •Flatness:0.02-0.05mm/m² •Mounting Holes: Metric M6 tapped holes on 25mm grid •Working Surface: 400 series ferromagnetic stainless steel •Bottom Skins: 6mm thickness steel plate epoxy painted finish •Side walls : 6.0mm thickness steel plate •Borders around Mounting Holes: 50 mm or as customer requests •Deflection under load: calculating according to loading weight and loading area(especially from vertical direction). •Mute air compressor 	ZDT06-06	600×600×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (2Hz)
			ZDT075-075	750×750×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (2Hz)
			ZDT09-06	900×600×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (2Hz)
			ZDT10-07	1000×700×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (2Hz)
			ZDT10-08	1000×800×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg (2Hz)
			ZDT12-08	1200×800×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (2Hz)
			ZDT15-09	1500×900×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (2Hz)
			ZDT15-10	1500×1000×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (2Hz)
			ZDT16-09	1600×900×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg (2Hz)
			ZDT18-12	1800×1200×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (2Hz)
			ZDT20-10	2000×1000×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (2Hz)
			ZDT20-12	2000×1200×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (2Hz)
			ZDT24-12	2400×1200×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg (2Hz)
			ZDT30-10	3000×1000×800	4Isolators M6Tapped Hole Grid50 Load Limit 950kg (2Hz)
			ZDT30-12	3000×1200×800	4Isolators M6Tapped Hole Grid50 Load Limit 950kg (2Hz)
			ZDT30-15	3000×1500×800	4Isolators M6Tapped Hole Grid50 Load Limit 950kg (2Hz)
			ZDT35-12	3500×1200×800	6Isolators M6Tapped Hole Grid50 Load Limit 1200kg (2Hz)
			ZDT35-15	3500×1500×800	6Isolators M6Tapped Hole Grid50 Load Limit 1200kg (2Hz)
			ZDT40-15	4000×1500×800	6Isolators M6Tapped Hole Grid100Load Limit 1500kg (2Hz)
			ZDT42-15	4200×1500×800	6Isolators M6Tapped Hole Grid100 Load Limit 1500kg (2Hz)
			ZDT48-15	4800×1500×800	6Isolators M6Tapped Hole Grid100 Load Limit 2500kg (2Hz)
ZDT54-15	5400×1500×800	6Isolators M6Tapped Hole Grid100 Load Limit 2500kg (2Hz)			
ZDT60-15	6000×1500×800	6Isolators M6Tapped Hole Grid100 Load Limit 2500kg (2Hz)			
		<p>Features:</p> <ul style="list-style-type: none"> •Fine self-balancing pneumatic vibration-isolated optical table 	DST06-06	600×600×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg

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Optical Table Series	Picture	Description	Model	Dimension (L*W*H)mm	Basic Structure
High Precision Electrophysiological Optical Table DST-type	 <p>Excellent Vibration Isolation Performance</p>	<ul style="list-style-type: none"> •Fine Self-balancing pneumatic Electrophysiological vibration-isolated optical table •Self-centering& Bulb pendulum bar patent Technology --super low inherent frequency(higher transmissibility at same frequency) ≤1Hz •Self-Balancing--The optical table can automatically adjust to one horizontal plane <p>Technical Parameters:</p> <ul style="list-style-type: none"> •Inherent frequency: ≤1Hz •Roughness:0.5-0.6 μm •Flatness:0.02-0.05mm/m2 •Mounting Holes: Metric M6 tapped holes on 25mm grid •Working Surface: 400 series ferromagnetic stainless steel, 6mm thick with integrated damping layer •Bottom Skins: 6mm thickness steel plate epoxy painted finish •Side walls : 6.0mm thickness steel plate •Borders around Mounting Holes: 50 mm or as customer requests •Mute air compressor 	DST075-075	750×750×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg
			DST09-06	900×600×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg
			DST10-07	1000×700×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg
			DST10-08	1000×800×800	4Isolators M6Tapped Hole Grid25 Load Limit 250kg
			DST12-08	1200×800×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg
			DST15-09	1500×900×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg
			DST15-10	1500×1000×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg
			DST16-09	1600×900×800	4Isolators M6Tapped Hole Grid25 Load Limit 500kg
			DST18-12	1800×1200×800	4Isolators M6Tapped Hole Grid25 Load Limit 800kg
Fine Vibration Isolation Granit Table DST-H		<p>Features:</p> <ul style="list-style-type: none"> •High Precision Granite Surface Optical Table DST-H •Perfect flatness, good quality, stable, strong anticorrosion •Healthy natural granite table top <p>Technical Parameters:</p> <ul style="list-style-type: none"> • Model: DST-H • Table-Top Material: Granite • Specific Gravity: 2970-3070kg/ m2 • Compressive strength 245-254MPa • Coefficient of linear expansion: 4.61*10-6/0C • Water Absorption: 0.13% • Shore Hardness: >70Hs 	DST-H06-045	600×450×100	4Isolators Load Limit 250kg
			DST-H06-06	600×600×130	4Isolators Load Limit 250kg
			DST-H063-045	630×450×100	4Isolators Load Limit 250kg
			DST-H063-063	630×630×130	4Isolators Load Limit 250kg
			DST-H075-05	750×500×130	4Isolators Load Limit 500kg
			DST-H08-05	800×500×130	4Isolators Load Limit 500kg
			DST-H09-06	900×600×130	4Isolators Load Limit 500kg
			DST-H09-06	900×600×150	4Isolators Load Limit 500kg
			DST-H10-063	1000×630×150	4Isolators Load Limit 500kg
			DST-H10-075	1000×750×150	4Isolators Load Limit 500kg
			DST-H10-10	1000×1000×150	4Isolators Load Limit 500kg
			DST-H12-08	1200×800×150	4Isolators Load Limit 500kg
			DST-H12-09	1200×900×150	4Isolators Load Limit 500kg
			DST-H15-10	1500×1000×200	4Isolators Load Limit 500kg
			DST-H20-10	2000×1000×250	4Isolators Load Limit 800kg
			DST-H20-15	2000×1500×300	4Isolators Load Limit 800kg
			DST-H20-16	2000×1600×300	4Isolators Load Limit 800kg
			DST-H20-20	2000×2000×300	4Isolators Load Limit 800kg
			DST-H25-16	2500×1600×300	6Isolators Load Limit 950kg
			DST-H25-20	2500×2000×400	6Isolators Load Limit 950kg
DST-H30-20	3000×2000×400	6Isolators Load Limit 950kg			

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Optical Table Series	Picture	Description	Model	Dimension (L*W*H)mm	Basic Structure
			DST-H40-20	4000×2000×500	6Isolators Load Limit 950kg
			DST-H40-25	4000×2500×500	6Isolators Load Limit 950kg
Optical Breadboard MOT Series		<p>Features:</p> <ul style="list-style-type: none"> •Sealed hole for experimental leakage •Honeycome design •Superior stainless steel or aluminum •Light weighted & portable •No deformation <p>Technical Parameters:</p> <ul style="list-style-type: none"> •Roughness:0.5-0.6 μm •Flatness:0.02-0.05mm/m2 •Mounting Holes: Metric M6 tapped holes on 25mm grid •Working Surface: 400 series ferromagnetic stainless steel •Bottom Skins: 6mm thickness steel plate epoxy painted finish •Side walls : 6.0mm thickness steel plate •Borders around Mounting Holes: 50mm 	MOT075-075	750×750×80	M6Tapped Hole Grid25
			MOT09-06	900×600×80	M6Tapped Hole Grid25
			MOT10-07	1000×700×80	M6Tapped Hole Grid25
			MOT10-08	1000×800×80	M6Tapped Hole Grid25
			MOT12-08	1200×800×100	M6Tapped Hole Grid25
			MOT15-09	1500×900×150	M6Tapped Hole Grid25
			MOT12-12	1200×1200×100	M6Tapped Hole Grid25
			MOT15-10	1500×1000×150	M6Tapped Hole Grid25
			MOT16-09	1600×900×150	M6Tapped Hole Grid25
			MOT18-12	1800×1200×200	M6Tapped Hole Grid25
			MOT20-10	2000×1000×200	M6Tapped Hole Grid25
			MOT20-12	2000×1200×200	M6Tapped Hole Grid25
			MOT24-12	2400×1200×200	M6Tapped Hole Grid25
			MOT30-12	3000×1200×250	M6Tapped Hole Grid50
			MOT30-15	3000×1500×250	M6Tapped Hole Grid50
			MOT35-12	3500×1200×250	M6Tapped Hole Grid50
			MOT35-15	3500×1500×250	M6Tapped Hole Grid50
			MOT40-15	4000×1500×300	M6Tapped Hole Grid100
			MOT42-15	4200×1500×300	M6Tapped Hole Grid100
			MOT48-15	4800×1500×300	M6Tapped Hole Grid100
MOT54-15	5400×1500×350	M6Tapped Hole Grid100			
MOT60-15	6000×1500×400	M6Tapped Hole Grid100			
		<p>Features:</p> <ul style="list-style-type: none"> •Optical Aluminum Plate MXT series • Light weighted & portable • Non-magnetic aluminum Plate 	MXT015-010	150*100*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT015-015	150*150*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT060-015	600*150*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT090-015	900*150*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT12-015	1200*150*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT020-020	200*200*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT030-025	300*250*12	M6Tapped Hole Grid25(Aluminum Anodized)

Optical Table Catalogue

Optical Table Series	Picture	Description	Model	Dimension (L*W*H)mm	Basic Structure
Optical Aluminum Plate MXT Series (12thickness)		•Non-magnetic aluminum Plate •Standard M6 mounting hole with 25*25mm matrix •Flatness:0.1mm/m2 Technical Parameters •Material: Superior Aluminum alloy •Grid: 25*25mm •Mounting Holes: Metric M6 •Planeness: 0.1mm/m2 •Thickness:12mm	MXT030-030	300*300*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT045-030	450*300*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT060-030	600*300*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT09-03	900*300*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT012-03	1200*300*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT06-045	600*450*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT06-06	600*600*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT09-06	900*600*12	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT012-06	1200*600*12	M6Tapped Hole Grid25(Aluminum Anodized)
Optical Aluminum Plate MXT series (20thickness)		Features: •Optical Aluminum Plate MXT series •Light weighted & portable •Non-magnetic aluminum Plate •Standard M6 mounting hole with 25*25mm matrix •Flatness:0.1mm/m2 Technical Parameters: •Material: Superior Aluminum alloy •Grid: 25*25mm •Mounting Holes: Metric M6 •Flatness: 0.1mm/m2 •Thickness:20mm	MXT03-03	300*300*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT06-03	600*300*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT06-045	600*450*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT06-06	600*600*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT09-03	900*300*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT09-06	900*600*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT09-09	900*900*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT12-09	1200*900*20	M6Tapped Hole Grid25(Aluminum Anodized)
			MXT15-09	1500*900*20	M6Tapped Hole Grid25(Aluminum Anodized)