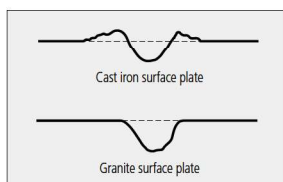


Black Granite Surface Plates SERIES 517

- The plates are made of natural granite that is uniform in structure and largely averse to deterioration. (Natural stones may have unique patterns on their surface.)
- Granite surface plate has many advantages over cast iron surface plates: Twice as hard as cast iron.
- Free from wringing effects, so there is no interruption of work.
- Free from burrs or protrusions because of the fine grain structure and insignificant stickiness; this ensures a high degree of flatness over a long service life and causes no damage to other parts or instruments.
- Use these plates in a stable temperature environment. Since flatness error occurs when there is a temperature difference between the working surface and the underside, avoid working in direct sunlight. Also, do not place a plate in the vicinity of an air conditioner or heater. (Recommended environment: Temperature 20 ± 1 °C, Humidity $58 \pm 2\%$)



1000×750 mm



600×600 mm

Machining of optional through holes, screw bushings, etc.

Through holes and screw holes (bushings) can be machined to order on surface plates. For detailed information, contact the nearest Mitutoyo sales office.

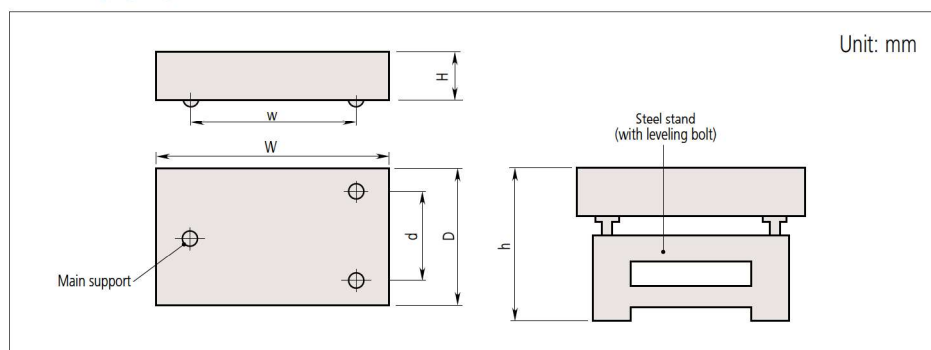
SPECIFICATIONS

Code No.	Grade	Size (mm)			Flatness (μm)	Mass (kg)	Optional stands for black granite surface plates			h (mm)
		WxDxH	d	w			Standard type	with safety frame	with casters (with safety frame)	
517-401-4	00	300×300×100	240	240	2	27	—	—	—	—
517-301	0				3					
517-101	1				5					
517-411-4	00	450×300×100	240	390	2	40	—	—	—	—
517-311	0				3					
517-111	1				6					
517-414-4	00	600×450×100	370	500	2.5	80	517-203-2	517-203R	517-203CR	755 to 775
517-314	0				4					
517-114	1				8					
517-403-4	00	600×600×130	500	500	2.5	140	517-204-2	517-204R	517-204CR	755 to 775
517-303	0				5					
517-103	1				8					
517-405-4	00	750×500×130	420	630	3	146	517-205-2	517-205R	517-205CR	755 to 775
517-305	0				5					
517-105	1				9					
517-407-4	00	1000×750×150	630	700	3	337	517-206-2	517-206R	517-206CR	755 to 775
517-307	0				6					
517-107	1				12					
517-409-4	00	1000×1000×150	700	700	3.5	450	517-207-2	517-207R	517-207CR	735 to 775
517-309	0				7					
517-109	1				13					
517-413-4	00	1500×1000×200	700	1100	4	900	517-208-4	517-208R	517-208CR	735 to 775
517-313-4	0				8					
517-113-4	1				16					
517-410-4	00	2000×1000×250	700	1500	4.5	1500	517-209-4	517-209R	517-209CR	735 to 775
517-310-4	0				9.5					
517-110-4	1				19					
517-416-4	00	2000×1500×300	1100	1500	5	2700	517-210-4	517-210R	517-210CR	735 to 775
517-316-4	0				10					
517-116-4	1				20					
*1	00	2000×2000×350	1500	1500	5.5	4200	—	—	—	700 to 706*2
*1	0				11					
*1	1				22					
*1	00	3000×1500×400	1100	2000	6.5	5400	—	—	—	700 to 706*2
*1	0				12.5					
*1	1				25					
*1	00	3000×2000×500	1500	2000	7	9000	—	—	—	700 to 706*2
*1	0				13.5					
*1	1				27					

*1 2000×2000 or larger is available by special order. Consult your local Mitutoyo sales office.

*2 Distance from the bottom of the large granite plate block mount to the granite plate top surface.

DIMENSIONS



SPECIFICATIONS: Main and auxiliary supports for large surface plates

Code No.	Applicable surface plates
	Size (WxDxH) (mm)
06AAY174	2000×2000×350
06AAY175	3000×1500×400
06AAY176	3000×2000×500