

## GRANITE SURFACE PLATES



CUSTOM-MADE  
SUPPLY SPECIAL SIZES ACCORDING  
TO CUSTOMER'S REQUEST

- Made of Indian granite, high hardness, free from deterioration or dimensional change over time, minimal changes in dimension due to temperature changes
- Meet DIN876, grade 00 is for inspection room or lab, grade 0 is for workshop
- Optional accessory:  
stand for granite surface plate (code **6902**),  
jack for granite surface plate (code **6903**)



6900-132

### Physical characteristics of granite

Shore hardness	94HS
Flexural strength	28MPa
Compressive strength	236MPa
Elastic modulus	$9.88 \times 10^4$ MPa
Poisson's ratio	0.33
Volume density	3000kg/m <sup>3</sup>
Water absorption rate	0.05%
Linear expansion coefficient	$6 \times 10^{-6}$ /°C

### Grade 00

Code	Size (L×W×H)	Flatness	Weight	Max. load
6900-132*	300×200×60mm	2.7µm	11kg	30kg
6900-142*	400×250×60mm	2.9µm	18kg	50kg
6900-144*	400×400×60mm	3.1µm	29kg	60kg
6900-153*	500×315×70mm	3.2µm	33kg	60kg
6900-164*	630×400×80mm	3.5µm	60kg	65kg
6900-166*	630×630×100mm	3.8µm	119kg	75kg
6900-185*	800×500×100mm	3.9µm	120kg	100kg
6900-1106*	1000×630×140mm	4.4µm	265kg	200kg
6900-1107*	1000×750×150mm	4.5µm	337kg	300kg
6900-1101*	1000×1000×150mm	4.8µm	450kg	400kg
6900-1128*	1200×800×160mm	4.9µm	461kg	500kg
6900-1161*	1600×1000×180mm	5.8µm	864kg	600kg
6900-1201*	2000×1000×220mm	6.5µm	1320kg	650kg
6900-1202*	2000×1500×250mm	7.0µm	2250kg	750kg



### Grade 0

Code	Size (L×W×H)	Flatness	Weight	Max. load
6900-032*	300×200×60mm	5.4µm	11kg	60kg
6900-042*	400×250×60mm	5.9µm	18kg	100kg
6900-044*	400×400×60mm	6.3µm	29kg	120kg
6900-053*	500×315×70mm	6.4µm	33kg	120kg
6900-064*	630×400×80mm	7.0µm	60kg	130kg
6900-066*	630×630×100mm	7.6µm	119kg	150kg
6900-085*	800×500×100mm	7.8µm	120kg	200kg
6900-0106*	1000×630×140mm	8.7µm	265kg	400kg
6900-0107*	1000×750×150mm	9.0µm	337kg	600kg
6900-0101*	1000×1000×150mm	9.7µm	450kg	800kg
6900-0128*	1200×800×160mm	9.8µm	461kg	1000kg
6900-0161*	1600×1000×180mm	11.5µm	864kg	1200kg
6900-0201*	2000×1000×220mm	12.9µm	1320kg	1300kg
6900-0202*	2000×1500×250mm	14.0µm	2250kg	1500kg

\* Supplied with manufacturer inspection certificate