

Precision square with base (JIS B 7526 standard dimensions)

Traceability can be issued.

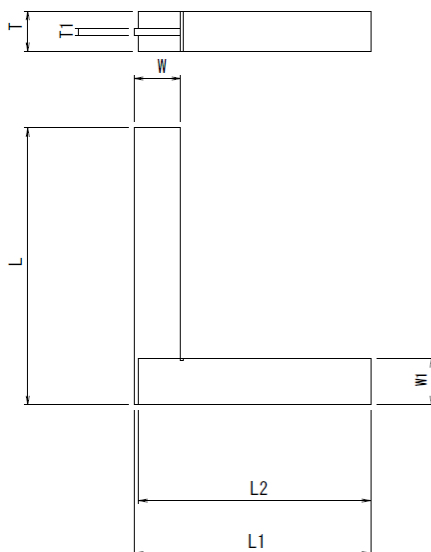
- It can stand on its own, allowing for stable measurements.
- Grade 1 models are all hardened, while Grade 2 models are made without hardening.



Grade 1 (Hardened)

Grade 2 (Without hardened)

$$\text{formula Grade1} \pm \left(10 + \frac{\ell}{20} \right) \mu\text{m} \quad \text{Grade2} \pm \left(20 + \frac{\ell}{10} \right) \mu\text{m} \quad \ell = \text{Size}$$



Dimensions list (unit: mm)

	L	L1	L2	W	W1	T	T1
100	100	70	67	20	18	15	2.5
150	150	100	97	24	22	18	3
200	200	130	126	29	26	22	4
250	250	164	160	30	26	22	4
300	300	200	196	35	32	27	4
400	400	204	200	40	40	30	5
450	450	280	276	45	40	30	5
500	500	300	295	46	45	35	5
600	600	325	318	50	55	35	6
750	750	400	393	58	63	50	8
1000	1000	550	540	65	80	65	10

Configuration of stock number

546 0050 - C Q

Size

Q → Grade 1 (Hardened)
2 → Grade 2 (Without hardened)

Product No	Stock No	Size (mm)	Tolerance for deviation from right angles (±μm)	Weight (kg)
23-1-0100	546-0100CQ	※ 100	15.0	0.18
23-2-0100	546-0100C2		30.0	
23-1-0150	546-0150CQ	※ 150	17.5	0.4
23-2-0150	546-0150C2		35.0	
23-1-0200	546-0200CQ	※ 200	20.0	0.74
23-2-0200	546-0200C2		40.0	
23-1-0250	546-0250CQ	250	22.5	1.0
23-2-0250	546-0250C2		45.0	
23-1-0300	546-0300CQ	※ 300	25.0	1.7
23-2-0300	546-0300C2		50.0	
23-1-0400	546-0400CQ	400	30.0	2.5
23-2-0400	546-0400C2		60.0	
23-1-0450	546-0450CQ	450	32.5	3.2
23-2-0450	546-0450C2		65.0	
23-1-0500	546-0500CQ	※ 500	35.0	4.6
23-2-0500	546-0500C2		70.0	
23-1-0600	546-0600CQ	600	40.0	6.7
23-2-0600	546-0600C2		80.0	
23-1-0750	546-0750CQ	※ 750	47.5	12.3
23-2-0750	546-0750C2		95.0	
23-1-1000	546-1000CQ	※ 1000	60.0	29.6
23-2-1000	546-1000C2		120.0	

* Dimensions indicated with an asterisk are compliant with JIS specifications.
Custom-made squares are also available by special order.