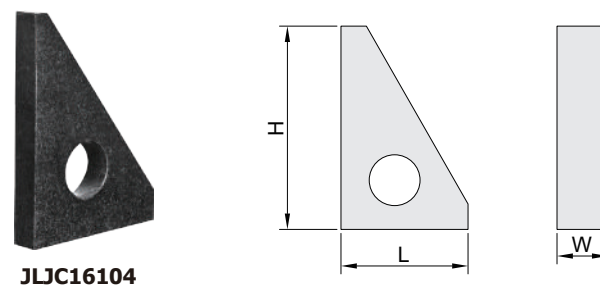


GRANITE SET-UP TOOLS

GRANITE TRI SQUARE

Used for measuring the squareness of parts, machine tool spindles, and various components. It's processed with circular holes to reduce weight and facilitate handling.

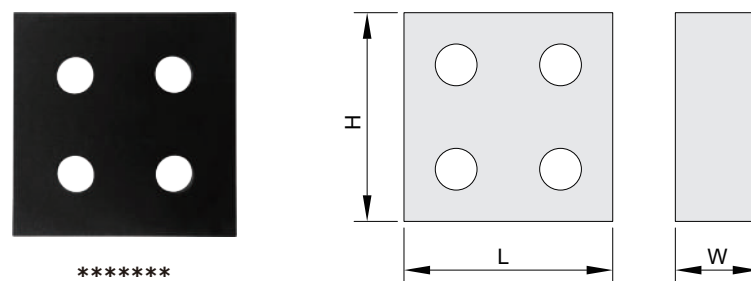


JLJC16104

Model	Dimension (H*L*W)	Perpendicularity between Measuring Surface and Datum Surface (μm)		Flatness or Perpendicularity Measurement (μm)		Flatness or Straightness of Datum Surface (μm)	
		Accuracy 00	Accuracy 00	Accuracy 00	Accuracy 00	Accuracy 00	Accuracy 00
TRI161040	160*100*40mm	2	4	1	2	1	1
TRI251625	250*160*25mm	2.5	5	1	2	1	2
TRI302050	300*200*50mm	3.0	5	1	2.5	1	2
TRI402550	400*250*50mm	3.5	7	1	2.5	1	2
TRI403050	400*300*50mm	3.5	7	1	2.5	1	2
TRI503550	500*350*50mm	4.0	8	1.5	2.5	1	2.5
TRI634063	630*400*63mm	4.5	9	1.5	3	1	2.5
TRI805080	800*500*80mm	5	10	2.0	4	1.5	3
TRI106380	1000*630*80mm	6	12	2.5	5	1.5	3

GRANITE SQUARE

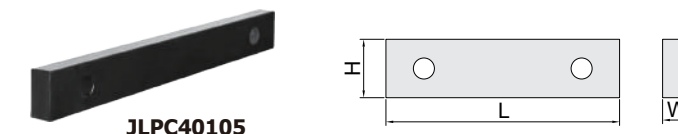
Used for measuring the squareness of parts, machine tool spindles, and various components.



Model	Dimension (L*H*W)	Flatness and Straightness of Measuring Surface (μm)			Perpendicularity between Adjacent Measuring Surfaces (μm)			Parallelism between Opposite Measuring Surfaces (μm)		
		000	00	0	000	00	0	000	00	0
S101040	100*100*40mm	0.4	0.7	1.4	0.7	1.5	3.0	0.8	1.5	3.0
S202050	200*200*50mm	0.4	0.9	1.8	0.9	2.0	4.0	1.0	2.0	4.0
S303030	300*300*30mm	0.6	1.1	2.3	1.3	2.6	5.2	1.3	2.6	5.5
S404040	400*400*40mm	0.6	1.3	2.6	1.5	3.0	6.0	1.5	3.0	6.0
S505050	500*500*50mm	0.8	1.5	3.0	1.8	3.5	7.0	1.8	3.5	7.0
S606060	600*600*60mm	0.9	1.8	3.5	2.1	4.2	8.3	2.1	4.2	8.3

GRANITE STRAIGHT EDGE

Applied for straightness and flatness measurement.



JLPC40105

Model	Dimension (L*H*W)	Straightness Tolerance of Working Surface (μm)		Parallelism Tolerance between Upper and Lower Working Surfaces (μm)		Perpendicularity between Side Surface and Working Surface (μm)	
		Accuracy 0	Accuracy 00	Accuracy 0	Accuracy 00	Accuracy 0	Accuracy 00
SE401050	400*100*50mm	1.6	1.6	2.4	3.9	8	13
SE631050	630*100*50mm	2.1	3.5	3.2	5.3	10.5	18
SE801050	800*100*50mm	2.6	4.5	4.0	6.5	13	22
SE101050	1000*100*50mm	3.0	5.0	4.5	4.7	15	25
SE101260	1000*120*60mm	3.0	5.0	4.5	4.7	15	25
SE121050	1200*100*50mm	3.2	5.5	5.0	8.5	17	28
SE121260	1200*120*60mm	3.2	5.5	5.0	8.5	17	28
SE151560	1500*150*60mm	4.4	7.4	6.6	11.1	22	37
SE201580	2000*150*80mm	5.4	9.0	8.1	13.5	27	45
SE202010	2000*200*100mm	5.4	9.0	8.1	13.5	27	45
SE303020	3000*300*200mm	8.0	11.5	10	20	35	60

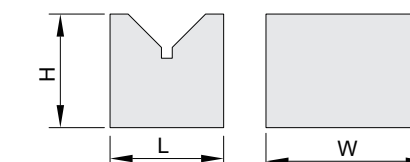
V-BLOCK

Used for measuring the coaxiality, concentricity, alignment, and runout of rotating parts.



JLVXK63639

Model	Dimension (L*H*W)	Flatness of Working Surface (μm)		Symmetry of V-Groove to Both Side Surfaces (μm)		Height Difference of V-Groove to Bottom Surface for Each Set of V-Blocks (μm)	
		Grade0	Grade1	Grade0	Grade1	Grade0	Grade1
V636390	63*63*90mm	1.5	3	8	16	5	10
V101090	100*100*90mm	2	4	8	16	5	10
V161690	160*160*90mm	2.5	5	10	20	5	10
V202090	200*200*90mm	3.5	7	13	25	5	15



GRANITE EQUAL-HEIGHT BLOCK

Used for heightening, leveling, and establishing height applications.



JLDGK16104

Model	Dimension (L*H*W)	Parallelism of Upper and Lower Surfaces (μm)		Flatness of Working Surface (μm)		Perpendicularity of Side Surface (μm)	
		Accuracy 00	Accuracy 0	Accuracy 00	Accuracy 0	Accuracy 00	Accuracy 0
EH161040	160*100*40mm	2	4	1	2	1	2
EH251525	250*160*25mm	2.5	5	1	2	1	2
EH302050	300*200*50mm	3	6	1	2.5	1	2.5
EH402550	400*250*50mm	3.5	7	1.5	2.5	1.5	3

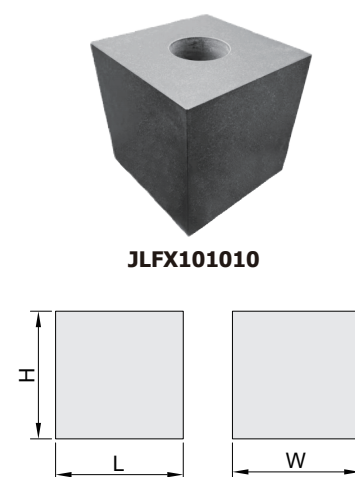


GRANITE SET-UP TOOLS

GRANITE SQUARE BOX

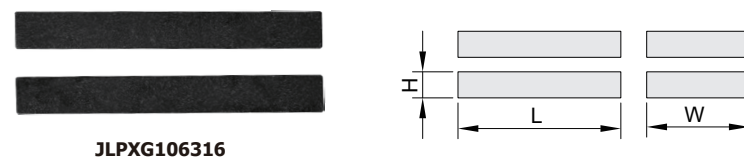
Used for squareness and parallelism inspection, and can serve as a 90° absolute measurement datum.

Model	Dimension (L*W*H)	Parallelism (μm)		Flatness (μm)		Perpendicularity (μm)	
		Accuracy ₀₀	Accuracy ₀	Accuracy ₀₀	Accuracy ₀	Accuracy ₀₀	Accuracy ₀
SB101010	100*100*100mm	1	2	2	1	2	1
SB151515	150*150*150mm	1.5	3	2	1	3	1.5
SB202020	200*200*200mm	2	4	3	1.5	4	2
SB303030	300*300*300mm	3	6	3	1.5	6	3
SB404040	400*400*400mm	4	8	4	2	8	4
SB505050	500*500*500mm	5	10	5	2.5	10	5



GRANITE PARALLEL

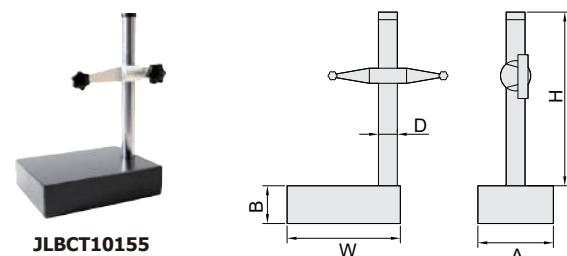
Can replace equal-height blocks for measuring the parallelism of parts.



Model	Dimension (L*W*H)	Flatness of Working Surface (μm)		Parallelism between Two Working Surfaces (μm)		Perpendicularity between Working Surface and Side Surface (μm)		Heightening Degree of Each Pair of Parallel Rails (μm)	
		Accuracy ₀₀	Accuracy ₀	Accuracy ₀₀	Accuracy ₀	Accuracy ₀₀	Accuracy ₀	Accuracy ₀₀	Accuracy ₀
P106316	100*63*16mm	1.5	3	1.5	3	5	10	1.5	3
P164025	160*40*25mm	1.5	3	1.5	3	5	10	1.5	3
P254025	250*40*25mm	2	4	2	4	10	20	2	4
P406340	400*63*40mm	4	8	4	8	15	30	4	8
P631063	630*100*63mm	6	12	6	12	20	40	6	12

GRANITE COMPARATOR STAND

Marble comparison measuring tables, height gauges, indicator bases, measuring seats, and micrometer stands are used for high-precision measurement. The rod is made of high-quality 45# steel chrome-plated rod, and the collet is made of aluminum alloy through mold opening. The accessories have high precision and stable clamping force.

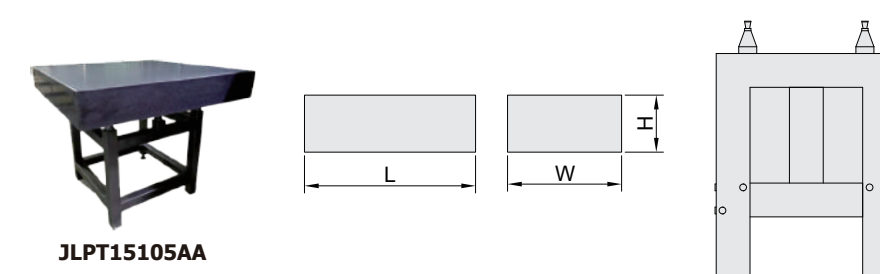


Model	Dimension (A*W*B)	Arm Length	Column Diameter-D	Column Height-H	Hole Alignment-L
CS101550	100*150*50mm	140mm	25mm	280mm	80mm
CS152050	150*200*50mm	140mm	25mm	280mm	80mm
CS203050	200*300*50mm	180mm	26mm	280mm	132mm

Model	Dimension (mm)	Unit	Weight (kg)
CS151050	150*100*50	Set	4.5
CS151550	150*150*50		5.5
CS201550	200*150*50		6.5
CS302050	300*200*50		11
CS303050	300*300*50		15.5
CS403050	400*300*50		20
CS404050	400*400*50		26
CS604010	600*400*100		75
CS302580	300*250*80		20
CS403080	400*300*80		31

GRANITE PLATFORM

Made of natural granite, featuring high hardness, stable dimensions, and little influence by temperature.



Specific Gravity	2970~3070kg/m ³
Compressive Strength	245~254MPa
Elastic Modulus	1.27~1.47GPa
Linear Expansion Coefficient	461*10 ⁻⁶ /°C
Water Absorption	<0.13%
Shore Hardness	>Hs70

Optional accessory: Platform stand.

Accuracy	
Grade 000	1* (1+d/1000) μm
Grade 00	2* (1+d/1000) μm
Grade 0	4* (1+d/1000) μm
Grade 1	8* (1+d/1000) μm

Model	Dimension(mm)	Special Grade Accuracy	Weight (kg)	Optional Stand
GP151050	150*100*50	2.5	3	None
GP151550	150*150*50	2.5	3.5	
GP201650	200*160*50	2.5	6	
GP302050	300*200*50	3.0	12	
GP303050	300*300*50	3.0	16	
GP403050	400*300*50	3.0	20	
GP303080	300*300*80	3.0	22	
		6.0		
GP403080	400*300*80	3.0	32	
		6.0		
GP403010	400*300*100	3.0	38	
		6.0		
GP404050	400*400*50	4.0	26	
		7.0		
GP404080	400*400*80	4.0	40	901
		7.0		701
GP404010	400*400*100	4.0	52	902
		7.0		702
GP504010	500*400*100	4.0	70	903
		7.0		703
GP505010	500*500*100	4.0	85	904
		7.0		704
GP604010	600*400*100	4.0	82	905
		7.0		705
GP604510	600*450*100	4.0	92	906
		7.0		706
GP634010	630*400*100	4.0	92	907
		7.0		707
GP605010	600*500*100	4.0	90	940
		8.0		742
GP606010	600*600*100	4.0	100	908
		8.0		708