



GRANITE SURFACE PLATES & TABLES

Manufactured to precision standards, our comprehensive range of Granite Surface Plates and Tables are made from the highest quality granite. Plates are fitted with three support feet to the underside for bench mounting. Generally of larger sizes than the Plates, Tables are supplied with their own stands. The normal overall height of Tables is 865mm(34"). Special heights available on request. Plates or Tables can be manufactured to any size and can be fitted with Tee-slots or threaded inserts at an additional cost.

Manufactured in 4 grades to BS817(1988).

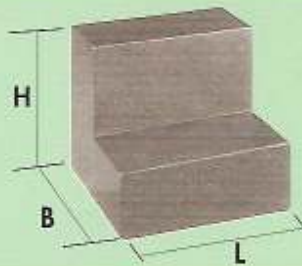


Sizes in Inches	Accuracies in Microns			
	Grade			
	0	1	2	3
12" x 8"	3,5	7	14	28
12" x 12"	4,0	8	16	32
18" x 12"	4,0	8	16	32
18" x 18"	4,5	9	18	36
24" x 18"	4,5	9	18	36
24" x 24"	5,0	10	20	40
30" x 24"	5,0	10	20	40
36" x 24"	5,5	11	22	44
36" x 36"	6,0	12	24	48
48" x 24"	6,0	12	24	48
48" x 36"	6,5	13	26	52
48" x 48"	7,0	14	28	56
60" x 36"	7,0	14	28	56
72" x 36"	8,0	16	32	64
72" x 48"	8,0	16	32	64
96" x 36"	9,5	19	38	76
96" x 72"	10,5	21	42	84

GRANITE ANGLE PLATES

Granite Angle Plates are supplied fine ground on both primary and secondary faces.

Manufactured to BS5535(1978) Grade A.



Sizes in Inches L x B x H	Accuracies in Microns	
	Squareness	Secondary Squareness
4" x 3" x 3"	8	8
5" x 4" x 4"	10	13
6" x 6" x 6"	10	13
8" x 8" x 8"	15	17
10" x 10" x 10"	15	17
12" x 12" x 12"	17	20

GRANITE PARALLELS

Crown Granite Parallels are supplied in matched pairs. Parallels are designed to provide accuracy over many years. Parallels can be supplied with an optional protective wooden box.

Sizes are nominal, but tolerances are to BS906(1972) Part 1 & 2.

Accuracies in Inches to BS906: Part 2						
Sizes in Inches L W T			Tolerance on T & W		Pairs Mean Equal	
			Deviation from Nominal		Thickness	
Grade A	Grade B	Grade A	Grade B	Grade A	Grade B	Grade B
6	1	0,50	± 0,001	± 0,00025	0,0001	0,00015
8	1,5	0,75	± 0,00015	± 0,0004	0,00015	0,0002
10	2	1,00	± 0,00015	± 0,0004	0,00015	0,00025
12	2	1,00	± 0,00015	± 0,0004	0,00015	0,00025
12	3	1,50	± 0,0002	± 0,0005	0,0002	0,0003
16	4	2,00	± 0,00025	± 0,0006	0,00025	0,0004

Accuracies in mm's to BS906: Part 1							
Sizes in mm's L W T			Tolerance on T & W		Pairs Mean Equal		Grade B
			Deviation from Nominal		Thickness		
Grade A	Grade B	Grade A	Grade B	Grade A	Grade B	Grade A	Grade B
100	10	5	± 0,005	± 0,010	0,006	0,012	0,012
125	20	10	± 0,005	± 0,010	0,006	0,012	0,012
150	30	15	± 0,005	± 0,010	0,006	0,012	0,012
200	40	20	± 0,005	± 0,010	0,006	0,012	0,012
250	50	25	± 0,010	± 0,020	0,010	0,020	0,020
300	60	30	± 0,010	± 0,020	0,010	0,020	0,020
400	100	50	± 0,015	± 0,030	0,012	0,025	0,025



GRANITE BOX ANGLE PLATES (CUBES)

Granite Box Angle Plates are ideal for the overall inspection of components in three planes. Threaded inserts can be fitted to customer requirements.

Manufactured to BS5535(1978) Grade A.



Sizes in Inches	Accuracies in Microns	
	Squareness	Secondary Squareness
6" x 6" x 6"	10	13
8" x 8" x 8"	15	17
10" x 10" x 10"	15	17
12" x 12" x 12"	17	20

GRANITE VEE-BLOCKS

Granite vee-blocks are invaluable for inspecting concentricity of components. They are supplied in pairs, with fine ground surfaces that will not mark or blemish components.

Manufactured in 2 grades to BS3731(1987).



Sizes in Inches	Capacity (diameter)	Accuracies in minutes	
		Angle	
		Grade 1	Grade 2
3" x 3" x 3"	2,75"	1 min	2 min
4" x 4" x 3"	4,00"	1 min	2 min
6" x 6" x 6"	4,75"	1 min	2 min
8" x 8" x 8"	7,00"	1 min	2 min

GRANITE CYLINDRICAL SQUARES

Cylindrical Squares are normally used as a master to calibrate Engineers' Squares.

Manufactured to BS939(1977) Grade AA or Crown Grade A.



Accuracies in microns			
Sizes in Inches		Squareness	
Height	Diameter	Grade AA	Grade A
6"	3"	2	4
9"	4"	3	6
12"	4"	5	10
18"	5"	7	14

GRANITE BLOCK SQUARES

(Triangular shape available)
Block Squares are used where a master reference is required.

Manufactured in 2 grades to BS939 (1977).

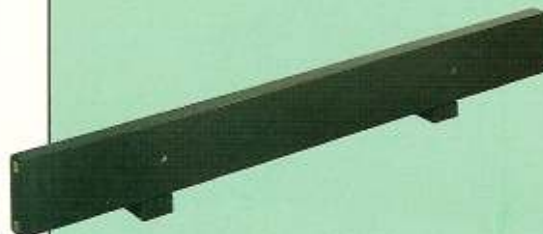


Sizes in Inches	Accuracies in microns	
	Squareness	
	Grade AA	Grade A
6" x 6" x 2"	2	4
10" x 10" x 3"	4	8
14" x 14" x 3"	5	10
18" x 18" x 3"	7	14

GRANITE STRAIGHTEDGES

Straightedges are used as a reference against which components can be inspected for straightness.

Manufactured to BS5204 Part 2 (1977) Grade A or Crown Grade AA.



Accuracies in microns			
Sizes in Inches		Straightness/Parallelism	
Length	Depth	Grade AA	Grade A
24"	4"	2,5	5
36"	5"	3,5	7
48"	6"	5,0	10
60"	6"	6,0	12
72"	6"	7,0	14