

Granite Angle Plates

Furnished with two or four finished faces. Finished square and flat to Master Grade Tolerance: $.00005/6$. When four faces are finished, they are the 2 “L” faces, and the back and bottom of the Angle Plate. Two face models have only the back and bottom finished.



Description	STC #		L x W x H	MSC#
	Two Faces	Four faces		
Angle Plate	CMI0594-1	CMI0594-2	4” x 4” x 4”	00155341
Angle Plate	CMI0594-3	CMI0594-4	6” x 6” x 6”	00155366
Angle Plate	CMI0594-5	CMI0594-6	6” x 9” x 12”	00155374

Granite V-Blocks, Matched Pairs

Support or hold cylindrical pieces during inspection. Furnished in matched pairs.

- 90o V centered and parallel to the bottom, two sides and square to the ends.
- Master Grade Tolerance: $0.0001''/6''$



Description	STC #	L x W x H	MSC#
V-Block	CMI0592-1	3” x 3” x 3”	00156422
V-Block	CMI0592-2	4” x 4” x 4”	00156448
V-Block	CMI0592-3	6” x 6” x 6”	00156463

Granite Parallels – Two Face

Elevate work above the surface plate, so that parts with steps and shoulders can be inspected quickly and easily. Include matched pairs held parallel on the top and bottom.



Description	STC #	Size	Tol.	MSC
Parallels	CMI0593-1	3/4" x 1" x 6"	0.000060"	00155804
Parallels	CMI0593-2	1" x 2" x 12"	0.000100"	
Parallels	CMI0593-3	1-1/2" x 3" x 18"	0.000300"	00155846
Parallels	CMI0593-4	2" x 4" x 24"	0.000500"	00155887

Black Granite Surface Plates

Granite Surface Plates meet or exceed Federal Specification GGG-P-463c.

- Harder than steel
- Does not nick or bur
- Retains accuracy for years
- Does not rust or corrode
- Guaranteed repeat reading.
- Auto-collimator checked for overall accuracy
- We can also make plate as per sizes customers require.



STC#	Size	Grade	Flatness	Customer #
	12" x 18" x 4"	AA	0.000050"	
	12" x 18" x 4"	A	0.0001"	
	12" x 18" x 3"	B	0.0002"	
	18" x 24" x 4"	AA	0.000065"	
	18" x 24" x 4"	A	0.00013"	
	18" x 24" x 3"	B	0.00026"	
	24" x 24" x 6"	AA	0.000070"	
	24" x 24" x 4"	A	0.00014"	
	24" x 24" x 4"	B	0.00028"	
	24" x 36" x 6"	AA	0.000085"	
	24" x 36" x 6"	A	0.00017"	
	24" x 36" x 4"	B	0.00034"	
STC#	Size	Grade	Flatness	Customer #
	24" x 48" x 8"	AA	0.00015"	

	24" x 48" x 6"	A	0.0003"	
	24" x 48" x 6"	B	0.0006"	
	36" x 36" x 6"	AA	0.0001"	
	36" x 36" x 6"	A	0.0002"	
	36" x 36" x 5"	B	0.0004"	
	36" x 48" x 8"	AA	0.00015"	
	36" x 48" x 6"	A	0.0003"	
	36" x 48" x 6"	B	0.0006"	
	36" x 60" x 10"	AA	0.0002"	
	36" x 60" x 8"	A	0.0004"	
	36" x 60" x 6"	B	0.0008"	
	36" x 72" x 12"	AA	0.00025"	
	36" x 72" x 10"	A	0.0005"	
	36" x 72" x 8"	B	0.001"	
	48" x 60" x 10"	AA	0.00025"	
	48" x 60" x 8"	A	0.0005"	
	48" x 60" x 6"	B	0.001"	
	48" x 72" x 12"	AA	0.0003"	
	48" x 72" x 10"	A	0.0006"	
	48" x 72" x 8"	B	0.0012"	
	48' x 96" x 14"	AA	0.0004"	
	48' x 96" x 12"	A	0.0008"	
	48' x 96" x 10"	B	0.0016"	