

BLACK GRANITE SURFACE PLATES

TRACEABLE TO N.I.S.T. Fed. Spec. GGG-P-463c

TWO ACCURACY CERTIFICATION
OVERALL FLATNESS & REPEAT MEASUREMENT



0-LEDGE



2-LEDGE



4-LEDGE

SURFACE PLATES AA GRADE (LABORATORY)

SIZE INCHES W x L x T	0-LEDGE	2-LEDGE	4-LEDGE	OVERALL ACCURACY	REPEAT READING	SHIPPING WEIGHT LB
8 x 12 x 2	\$102.00	N/A	N/A	+/- .000025	+/- .000017.5	28
9 x 12 x 3	120.00	N/A	N/A	+/- .000025	+/- .000017.5	40
12 x 12 x 3	137.00	N/A	N/A	+/- .000025	+/- .000017.5	54
12 x 18 x 3	170.00	\$200.00	\$228.00	+/- .000025	+/- .000017.5	81
18 x 18 x 4	294.00	338.00	381.00	+/- .000025	+/- .000017.5	156
18 x 24 x 4	360.00	397.00	455.00	+/- .000037	+/- .000017.5	208
24 x 24 x 4	493.00	530.00	570.00	+/- .000037	+/- .000022.5	278
24 x 36 x 6	740.00	797.00	872.00	+/- .000050	+/- .000022.5	601
24 x 48 x 6	1,023.00	1,088.00	1,242.00	+/- .000075	+/- .000022.5	802
30 x 48 x 6	1,297.00	1,391.00	1,470.00	+/- .000087	+/- .000022.5	1,002
36 x 36 x 6	1,081.00	1,188.00	1,302.00	+/- .000075	+/- .000022.5	902
36 x 48 x 6	1,514.00	1,609.00	1,815.00	+/- .0001	+/- .000022.5	1,203
36 x 60 x 8	1,893.00	2,044.00	2,270.00	+/- .000125	+/- .000030	1,966
36 x 72 x 10	2,327.00	2,553.00	2,839.00	+/- .00015	+/- .000030	2,914
48 x 48 x 8	2,162.00	2,265.00	2,346.00	+/- .0001	+/- .000030	2,097
48 x 60 x 8	2,459.00	2,742.00	2,933.00	+/- .00015	+/- .000030	2,621
48 x 72 x 10	2,913.00	3,084.00	3,310.00	+/- .000175	+/- .000030	3,885
48 x 96 x 12	4,873.00	4,988.00	5,224.00	+/- .00025	+/- .000037.5	5,920

SURFACE PLATES A GRADE (INSPECTION)

SIZE INCHES W x L x T	0-LEDGE	2-LEDGE	4-LEDGE	OVERALL ACCURACY	REPEAT READING	SHIPPING WEIGHT LB
8 x 12 x 2	\$81.00	N/A	N/A	+/- .000050	+/- .000030	28
9 x 12 x 3	97.00	N/A	N/A	+/- .000050	+/- .000030	40
12 x 12 x 3	113.00	N/A	N/A	+/- .000050	+/- .000030	54
12 x 18 x 3	143.00	\$170.00	\$200.00	+/- .000050	+/- .000030	81
18 x 18 x 3	230.00	260.00	323.00	+/- .000050	+/- .000030	121
18 x 24 x 3	274.00	303.00	331.00	+/- .000075	+/- .000030	162
24 x 24 x 3	380.00	431.00	493.00	+/- .000075	+/- .000035	216
24 x 36 x 4	523.00	583.00	659.00	+/- .0001	+/- .000035	416
24 x 48 x 6	834.00	898.00	1,005.00	+/- .00015	+/- .000035	802
30 x 48 x 6	1,049.00	1,141.00	1,221.00	+/- .000175	+/- .000035	1,002
36 x 36 x 6	891.00	999.00	1,060.00	+/- .00015	+/- .000035	902
36 x 48 x 6	1,211.00	1,296.00	1,409.00	+/- .0002	+/- .000035	1,203
36 x 60 x 6	1,571.00	1,665.00	1,835.00	+/- .00025	+/- .000040	1,503
36 x 72 x 8	2,044.00	2,195.00	2,459.00	+/- .0003	+/- .000040	2,359
48 x 48 x 6	1,651.00	1,753.00	1,833.00	+/- .0002	+/- .000040	1,603
48 x 60 x 6	2,174.00	2,364.00	2,564.00	+/- .0003	+/- .000040	2,004
48 x 72 x 8	2,422.00	2,592.00	2,839.00	+/- .00035	+/- .000040	3,145
48 x 96 x 10	4,240.00	4,350.00	4,568.00	+/- .0005	+/- .000050	4,933

Custom and Larger Sizes, Inserts, and Holes Quoted on Request

BLACK GRANITE SURFACE PLATES

TRACEABLE TO N.I.S.T. Fed. Spec. GGG-P-463c

TWO ACCURACY CERTIFICATION
OVERALL FLATNESS & REPEAT MEASUREMENT



SURFACE PLATES B GRADE (TOOLROOM)

SIZE INCHES W x L x T	0-LEDGE	2-LEDGE	4-LEDGE	OVERALL ACCURACY	REPEAT READING	SHIPPING WEIGHT LB
8 x 12 x 2	\$68.00	N/A	N/A	+/- .0001	+/- .000055	28
9 x 12 x 3	80.00	N/A	N/A	+/- .0001	+/- .000055	40
12 x 12 x 3	92.00	N/A	N/A	+/- .0001	+/- .000055	54
12 x 18 x 3	116.00	\$143.00	\$170.00	+/- .0001	+/- .000055	81
18 x 18 x 3	190.00	223.00	259.00	+/- .0001	+/- .000055	121
18 x 24 x 3	200.00	228.00	266.00	+/- .00015	+/- .000055	162
24 x 24 x 3	321.00	350.00	407.00	+/- .00015	+/- .000060	216
24 x 36 x 4	437.00	493.00	570.00	+/- .0002	+/- .000060	416
24 x 48 x 6	720.00	804.00	908.00	+/- .0003	+/- .000060	802
30 x 48 x 6	881.00	972.00	1,053.00	+/- .00035	+/- .000060	1,002
36 x 36 x 6	777.00	905.00	965.00	+/- .0003	+/- .000060	902
36 x 48 x 6	986.00	1,079.00	1,192.00	+/- .0004	+/- .000060	1,203
36 x 60 x 6	1,211.00	1,308.00	1,476.00	+/- .0005	+/- .000080	1,503
36 x 72 x 6	1,609.00	1,742.00	1,968.00	+/- .0006	+/- .000080	1,804
48 x 48 x 6	1,292.00	1,395.00	1,476.00	+/- .0004	+/- .000080	1,603
48 x 60 x 6	1,665.00	1,856.00	2,064.00	+/- .0006	+/- .000080	2,004
48 x 72 x 6	2,082.00	2,250.00	2,459.00	+/- .0007	+/- .000080	2,405
48 x 96 x 8	3,369.00	3,455.00	3,639.00	+/- .001	+/- .0001	3,947

COVERS

SIZE INCHES W x L	SURFACE PLATE COVERS
12 x 12	\$75.00
12 x 18	76.00
18 x 18	78.00
18 x 24	80.00
24 x 24	82.00
24 x 36	84.00
24 x 36	84.00
24 x 48	92.00
30 x 48	94.00
36 x 36	93.00
36 x 48	95.00
36 x 60	96.00
36 x 72	100.00
48 x 48	99.00
48 x 60	106.00
48 x 72	110.00
48 x 96	165.00

STEEL SUPPORT STANDS

Standard Working Height of Stand with Plate is 36"
Measured from the top of the plate to the floor

SIZE INCHES W x L	PLATE THICKNESS	STATIONARY STAND	CASTERED STAND	CASTERED STAND w/ BRAKES	SHIPPING WEIGHT LB
12 x 12		N/A	N/A	N/A	N/A
12 x 18	up to 4"	\$394.00	\$465.00	\$495.00	95
18 x 18	up to 4"	282.00	367.00	397.00	95
18 x 24	up to 4"	282.00	367.00	397.00	95
24 x 24	up to 4"	305.00	386.00	416.00	100
24 x 36	up to 4"	356.00	440.00	470.00	120
24 x 36	5" to 6"	385.00	470.00	500.00	170
24 x 48	up to 6"	399.00	543.00	573.00	200
30 x 48	up to 6"	416.00	564.00	594.00	220
36 x 36	up to 6"	413.00	557.00	587.00	210
36 x 48	up to 8"	424.00	615.00	645.00	225
36 x 60	up to 8"	466.00	669.00	699.00	245
36 x 72	up to 10"	510.00	759.00	789.00	260
48 x 48	up to 8"	504.00	732.00	762.00	250
48 x 60	up to 8"	542.00	848.00	878.00	275
48 x 72	up to 10"	606.00	935.00	965.00	380
48 x 96	up to 12"	752.00	1,293.00	1,323.00	530

STATE THICKNESS OF
PLATE WHEN ORDERING
COVERS



IF TALLER STAND IS REQUIRED ADD \$10.00 PER INCH OVER 36"
IF SHORTER STAND IS REQUIRED NO EXTRA CHARGE

STAND SPECIFICATION FORM #4501

Required when ordering a stand for a customer's existing plate

Prices valid on stands for PG brand plates only. Others quoted on request.

\$100.00 ORDER MINIMUM

"PRICES ARE GOOD FOR SHIPMENT IN NORTH AMERICA"
ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE



PROTECTIVE CLEANER #P-5396	
1 Pint	\$10.50
Case of 12	126.00
Weight per Case = 15 lbs.	

MADE IN USA

COMPARATOR STANDS

BLACK GRANITE SURFACE PLATE BASE

CERTIFICATION TRACEABLE TO N.I.S.T.
Includes column & clamp with fine adjustment



COMPARATOR STAND WITH **STANDARD** 10" POST AND CLAMP

PLATE SIZE	LABORATORY Grade AA		INSPECTION Grade A		TOOLROOM Grade B		APPROX SHIP WEIGHT		
	W	L T	\$	Overall accuracy	\$	Overall accuracy	\$	Overall accuracy	LBS
6 x 6 x 2			245.00	±.000025	218.00	±.000050	202.00	±.0001	18
8 x 12 x 2			252.00	±.000025	225.00	±.000050	210.00	±.0001	35
9 x 12 x 3			303.00	±.000025	273.00	±.000050	234.00	±.0001	50
12 x 18 x 2			330.00	±.000025	294.00	±.000050	259.00	±.0001	63
18 x 24 x 3			543.00	±.000037	465.00	±.000075	372.00	±.00015	167

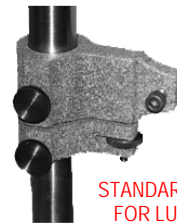


COMPARATOR STAND
STANDARD HOLE LOCATION
Rectangular plates

STANDARD

Includes 1" dia. x 10" high column with **Standard** clamp
Approx. 2 1/2" throat clearance measured from column to center line of indicator stem

Standard Clamp accepts all lug back AGD indicators.
For 8" x 12" or smaller – Maximum column height is 10"
For 9" x 12" or larger – All column heights acceptable
We stock 1" dia. x 10", 12", & 18" columns;
For columns longer than 10" add \$10.00 per inch

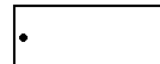


STANDARD CLAMP
FOR LUG BACK
INDICATOR

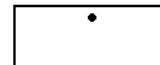
COMPARATOR STAND WITH **SPECIAL** 10" POST AND CLAMP

PLATE SIZE	LABORATORY Grade AA		INSPECTION Grade A		TOOLROOM Grade B		APPROX SHIP WEIGHT		
	W	L T	\$	Overall accuracy	\$	Overall accuracy	\$	Overall accuracy	LBS
9 x 12 x 3			519.00	±.000025	489.00	±.000050	450.00	±.0001	56
12 x 18 x 2			546.00	±.000025	510.00	±.000050	475.00	±.0001	69
18 x 24 x 3			759.00	±.000037	681.00	±.000075	588.00	±.00015	173

Please specify the mounting hole location for column when ordering Comparator Stand



"Standard Location" for rectangular plates



"Optional Location" for rectangular plates



Square plates made with "Standard Location"



SPECIAL CLAMP
ACCEPTS STEM DROP
INDICATOR

SPECIAL

Includes 1.365" dia. x 10" high column with **Special** clamp
Approx 4.75" throat clearance measured from column to center line of indicator stem

Special clamp accepts stem drop indicators
Special column not available for 8" x 12" or smaller
We stock 1.365" dia. x 10" columns;
For columns longer than 10" add \$14.00 per inch

ABOVE ITEMS NON-REFUNDABLE.

ALL SIZES ARE IN INCHES
OTHER SIZES AVAILABLE UPON REQUEST
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BLACK GRANITE ACCESSORIES
 CERTIFICATION TRACEABLE TO N.I.S.T. INCLUDED

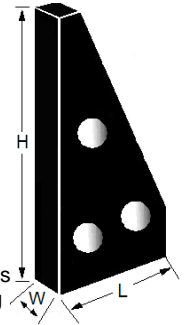


TRI-SQUARES

(ACCURACIES PER 6 INCHES
 FINISHED ON 3 SIDES)

Size	LABORATORY Grade AA ±.000025	INSPECTION Grade A ±.000050
L x H x W	3-Face	3-Face
9 x 12 x 3	\$646.00	\$539.00
9 x 18 x 3	754.00	614.00
12 x 18 x 3	921.00	733.00
18 x 24 x 3	1,626.00	1,292.00
24 x 24 x 3	2,003.00	1,626.00
24 x 36 x 3	2,196.00	1,863.00

One large face and two edges flat and square to each other with lightening holes



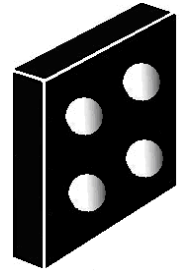
Calibrates X, Y, Z axes on CNC machines milling machines, coordinate measuring machines

MASTER SQUARES

(ACCURACIES PER 6 INCHES
 FINISHED ON 5 SIDES)

Size	LABORATORY Grade AA ±.000025	INSPECTION Grade A ±.000050	TOOLROOM Grade B ±.0001
	5-Face	5-Face	5-Face
12 x 12 x 3	\$744.00	\$599.00	\$448.00
14 x 14 x 3	925.00	741.00	572.00
16 x 16 x 3	1,334.00	1,080.00	854.00
18 x 18 x 3	1,573.00	1,272.00	1,006.00
24 x 24 x 4	1,887.00	1,604.00	1,338.00

One large face & four edges flat, square and parallel to each other with lightening holes



All granite products available in custom sizes and thicknesses, with threaded inserts, without lightening holes



CUSTOM CASES

Heavy duty travel cases to be used for maximum protection for all granite accessories. Exterior made with fiberglass or ABS plastic on plywood, reinforced aluminum & steel edges; foam interior. Prices on Request.

PELICAN CASES



1560

1600 & 1550

PELICAN CASES	Case	Price	External Size L x W x D	Wt.	Recommended for:	
					Master Square	Tri-Square
<ul style="list-style-type: none"> Watertight, crushproof, and dustproof Pressure Equalization Valve Comfortable rubber over-molded handle Stainless steel hardware 2 level Pick 'N' Pluck™ with convoluted lid foam Color: Black 1560 case has 2 wheels and a Retractable extension handle. 	1560	\$263.00	22 x 18 x 10.5	20 lbs	Master Square	12" x 12" x 3"
					Tri-Square	9" x 12" x 3"
						9" x 18" x 3"
	1600	253.00	24 x 19.5 x 9	14 lbs	Tri-Square	12" x 18" x 3"
						9" x 18" x 3"
					12" x 20" x 1"	
1550	215.00	21 x 17 x 8	12 lbs	Master Square	12" x 12" x 3"	
				Tri-Square	9" x 12" x 3"	

ALL SIZES ARE IN INCHES

OTHER SIZES & CASE PRICES AVAILABLE UPON REQUEST

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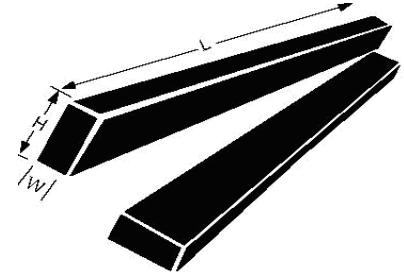
BLACK GRANITE ACCESSORIES
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PARALLELS

(ACCURACIES PER 12 INCHES)
 PRICE PER MATCHED PAIR

Size W x H x L	LABORATORY Grade AA ±.000025		INSPECTION Grade A ±.000050		TOOLROOM Grade B ±.0001	
	2-Face	4-Face	2-Face	4-Face	2-Face	4-Face
¾ x 1 x 6	\$159.00	\$199.00	\$141.00	\$173.00	\$128.00	\$144.00
1 x 2 x 12	219.00	260.00	188.00	227.00	159.00	193.00
1 ½ x 3 x 18	405.00	517.00	345.00	428.00	272.00	340.00
1 ½ x 4 x 30	590.00	860.00	491.00	753.00	397.00	601.00



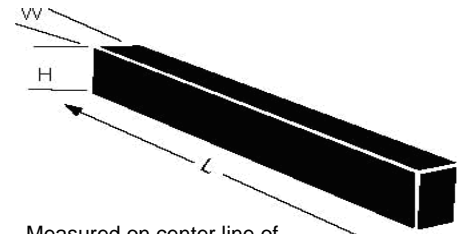
2-Face finished on narrow edges

4-Face finished on narrow & wide edges

STRAIGHT EDGES

(ACCURACIES PER 12 INCHES)
 PRICE EACH

Size W x H x L	LABORATORY Grade AA ±.000025	INSPECTION Grade A ±.000050	TOOLROOM Grade B ±.0001
1 ½ x 4 x 24	\$295.00	\$250.00	\$208.00
1 ½ x 5 x 36	416.00	342.00	282.00
2 x 6 x 48	547.00	497.00	367.00



Measured on center line of gauging surface- narrow edge

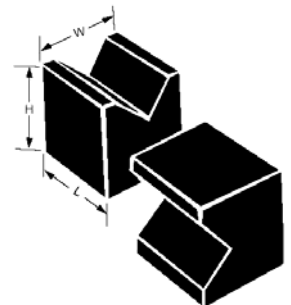
VEE BLOCKS

(ACCURACIES PER 6 INCHES)
 PRICE PER MATCHED PAIR

Size W x H x L	LABORATORY Grade AA ±.000050		INSPECTION Grade A ±.0001		TOOLROOM Grade B ±.0002	
	V & Base	Universal	V & Base	Universal	V & Base	Universal
2 x 2 x 2 ½	\$420.00	\$680.00	\$376.00	\$555.00	\$332.00	\$454.00
3 x 3 x 3	487.00	740.00	433.00	603.00	374.00	495.00
4 x 4 x 4	555.00	805.00	475.00	716.00	405.00	646.00
6 x 6 x 6	839.00	1,165.00	743.00	1,007.00	652.00	871.00

"V & Base"
 90° Vee centered with and parallel to base

"Universal"
 90° Vee centered with and parallel to bottom and two sides, and square to the ends

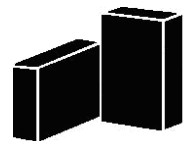


STEP BLOCKS

1" x 2" x 3"	LABORATORY Grade AA	INSPECTION Grade A	TOOLROOM Grade B
Overall Accuracy:	±.000025	±.000050	±.0001
Size accuracy within:	±.0001	±.00015	±.0002
Matched Pair	\$429.00	\$350.00	\$284.00
Individual Block	258.00	211.00	170.00

Also called 1-2-3 Blocks sold individually or in pairs

6 faces finished flat, square, and parallel



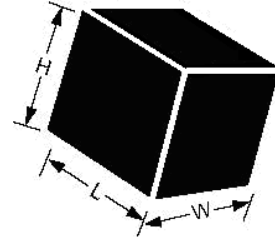
BLACK GRANITE ACCESSORIES
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RISER BLOCKS

(ACCURACIES PER 6 INCHES)
 PRICE EACH

Size W x H x L	LABORATORY Grade AA ±.000025	INSPECTION Grade A ±.000050	TOOLROOM Grade B ±.0001
	6-Face	6-Face	6-Face
3 x 6 x 4	\$386.00	\$328.00	\$279.00
4 x 6 x 6	512.00	453.00	386.00
6 x 6 x 6	611.00	519.00	425.00

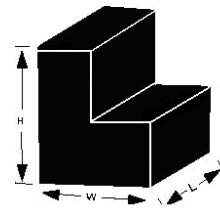


Six sides finished flat, square & parallel
 Inserts available upon request

ANGLE PLATES

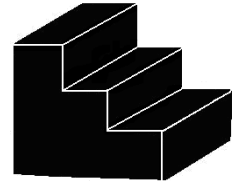
(ACCURACIES PER 6 INCHES)
 PRICE EACH

Size W x H x L	LABORATORY Grade AA ±.000025		INSPECTION Grade A ±.000050		TOOLROOM Grade B ±.0001	
	2-Face	4-Face	2-Face	4-Face	2-Face	4-Face
4 x 4 x 4	\$199.00	260.00	\$174.00	218.00	\$153.00	187.00
4 ½ x 6 x 6	233.00	365.00	199.00	304.00	168.00	253.00
6 x 6 x 6	295.00	386.00	250.00	327.00	210.00	267.00
6 x 9 x 12	590.00	890.00	488.00	726.00	415.00	601.00



Style for 6 x 6 x 6
 or smaller

Style for 6 x 9 x 12
 or larger



2-FACE

Bottom and adjacent square faces
 finished flat and square to each other

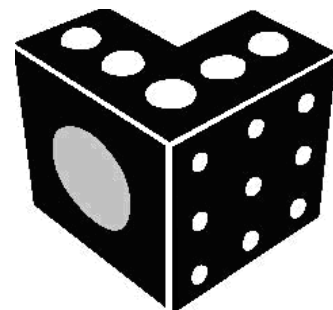
4-FACE

Same as 2-face, with adjacent sides
 finished flat, square, and parallel

INSERTED ANGLE PLATES

(ACCURACIES PER 6 INCHES)
 PRICE EACH

Size W x H x L	LABORATORY Grade AA ±.000025		INSPECTION Grade A ±.000050	
	2-Face	4-Face	2-Face	4-Face
4 x 4 x 4	\$590.00	\$636.00	\$526.00	\$566.00
6 x 6 x 6	667.00	845.00	610.00	774.00
6 x 9 x 12	1,942.00	2,131.00	1,484.00	1,814.00
9 x 9 x 9	2,001.00	2,603.00	1,692.00	2,289.00
12 x 12 x 12	3,247.00	3,969.00	3,035.00	3,648.00



These angle plates have metal discs located on
 both the main face and on one side for
 magnetizing purposes. Threaded inserts for
 clamping are located on the other main face