

# PRECISION GRANITE®

WHEN YOU WANT THE BEST  
www.precisiongraniteusa.com  
PO Box 427 Whittier, CA 90608  
(562) 696-8328 FAX (562) 946-4336  
**ISO 17025 ACCREDITED**  
**ISO 9001 CERTIFIED**

## **PRECISION GRANITE® USA**

has been providing precision granite metrology products to companies worldwide including many government facilities since 1984.

## **PRECISION GRANITE® USA**

is proudly certified to ISO 9001 and is accredited by the prestigious A2LA body to ISO/IEC 17025 and meets requirements of ANSI/NCSL Z540-1.

## **PRECISION GRANITE® SURFACE PLATES**

are made of black granite which is stronger and denser than light colored granite, is more stable, and wears longer. The granite properties determine the stiffness of the granite therefore accuracies can be guaranteed with less thickness than other types of granite. This translates to less freight and handling costs whenever the plate is shipped or moved. Our standard sizes are on our price lists. We have capabilities to manufacture almost any size requested.

## **PRECISION GRANITE® USA**

surface plates are manufactured to meet or exceed the tolerances specified by Federal Specification GGG-P-463c and ASME B89.3.7-2013 guaranteeing both overall surface flatness and repeat gage measurement accuracy.

## **PRECISION GRANITE® USA**

accuracies are ensured by using test equipment calibrated and traceable to N.I.S.T. and/or other national or international calibration standards.

## **PRECISION GRANITE® USA**

standard "Calibration Certificate" is included with granite plates and accessories. ISO/IEC 17025 accredited calibration certificates are available on request.

## With **PRECISION GRANITE® USA**

you can depend on excellent quality, high accuracies, and quick delivery.

The only granite manufactured in the USA with the  
**PRECISION GRANITE®** trademark.

# BLACK GRANITE SURFACE PLATES

ASME B89.3.7-2013 Fed Spec GGG-P-463c  
Plates smaller than 12" x 18" made to Manufacturer's Spec

**TRACEABLE TO NIST**

or equivalent natl or intl organization

**TWO ACCURACY CERTIFICATION INCLUDED**

**ISO 17025 accredited cert available at extra charge**



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	SHIP WT LB
	\$	Item#	\$	Item#	\$	Item#			
8 x 12 x 2	175.00	8x12x2-AA0	N/A		N/A		.000050"	.000035"	28
9 x 12 x 3	205.00	9x12x3-AA0	N/A		N/A		.000050"	.000035"	40
12 x 12 x 3	235.00	12x12x3-AA0	N/A		N/A		.000050"	.000035"	54
12 x 18 x 3	290.00	12x18x3-AA0	339.00	12x18x3-AA2	387.00	12x18x3-AA4	.000050"	.000035"	81
18 x 18 x 4	498.00	18x18x4-AA0	574.00	18x18x4-AA2	645.00	18x18x4-AA4	.000050"	.000035"	156
18 x 24 x 4	611.00	18x24x4-AA0	671.00	18x24x4-AA2	769.00	18x24x4-AA4	.000075"	.000035"	208
24 x 24 x 4	832.00	24x24x4-AA0	896.00	24x24x4-AA2	962.00	24x24x4-AA4	.000075"	.000045"	278
24 x 36 x 6	1,247.00	24x36x6-AA0	1,344.00	24x36x6-AA2	1,471.00	24x36x6-AA4	.0001"	.000045"	601
24 x 48 x 6	1,723.00	24x48x6-AA0	1,834.00	24x48x6-AA2	2,092.00	24x48x6-AA4	.000150"	.000045"	802
30 x 48 x 6	2,184.00	30x48x6-AA0	2,343.00	30x48x6-AA2	2,474.00	30x48x6-AA4	.000175"	.000045"	1,002
36 x 36 x 6	1,821.00	36x36x6-AA0	2,002.00	36x36x6-AA2	2,195.00	36x36x6-AA4	.000150"	.000045"	902
36 x 48 x 6	2,548.00	36x48x6-AA0	2,710.00	36x48x6-AA2	3,058.00	36x48x6-AA4	.0002"	.000045"	1,203
36 x 60 x 8	3,187.00	36x60x8-AA0	3,442.00	36x60x8-AA2	3,821.00	36x60x8-AA4	.000250"	.000060"	1,966
36 x 72 x 10	3,916.00	36x72x10-AA0	4,297.00	36x72x10-AA2	4,777.00	36x72x10-AA4	.0003"	.000060"	2,914
48 x 48 x 8	3,640.00	48x48x8-AA0	3,813.00	48x48x8-AA2	4,095.00	48x48x8-AA4	.0002"	.000060"	2,097
48 x 60 x 8	4,141.00	48x60x8-AA0	4,614.00	48x60x8-AA2	4,935.00	48x60x8-AA4	.0003"	.000060"	2,621
48 x 72 x 10	4,901.00	48x72x10-AA0	5,190.00	48x72x10-AA2	5,570.00	48x72x10-AA4	.000350"	.000060"	3,885
48 x 96 x 12	8,198.00	48x96x12-AA0	8,392.00	48x96x12-AA2	8,789.00	48x96x12-AA4	.0005"	.000075"	5,920

## SURFACE PLATES A GRADE (INSPECTION)

SIZE INCHES W x L x T	0-LEDGE		2-LEDGE		4-LEDGE		OVERALL ACCURACY	REPEAT READING	SHIP WT LB
	\$	Item#	\$	Item#	\$	Item#			
8 x 12 x 2	139.00	8x12x2-A0	N/A		N/A		.0001"	.000060"	28
9 x 12 x 3	168.00	9x12x3-A0	N/A		N/A		.0001"	.000060"	40
12 x 12 x 3	194.00	12x12x3-A0	N/A		N/A		.0001"	.000060"	54
12 x 18 x 3	245.00	12x18x3-A0	290.00	12x18x3-A2	339.00	12x18x3-A4	.0001"	.000060"	81
18 x 18 x 3	390.00	18x18x3-A0	440.00	18x18x3-A2	547.00	18x18x3-A4	.0001"	.000060"	121
18 x 24 x 3	465.00	18x24x3-A0	514.00	18x24x3-A2	560.00	18x24x3-A4	.000150"	.000060"	162
24 x 24 x 3	643.00	24x24x3-A0	730.00	24x24x3-A2	832.00	24x24x3-A4	.000150"	.000070"	216
24 x 36 x 4	883.00	24x36x4-A0	984.00	24x36x4-A2	1,114.00	24x36x4-A4	.0002"	.000070"	416
24 x 48 x 6	1,405.00	24x48x6-A0	1,514.00	24x48x6-A2	1,693.00	24x48x6-A4	.0003"	.000070"	802
30 x 48 x 6	1,768.00	30x48x6-A0	1,923.00	30x48x6-A2	2,057.00	30x48x6-A4	.000350"	.000070"	1,002
36 x 36 x 6	1,503.00	36x36x6-A0	1,683.00	36x36x6-A2	1,787.00	36x36x6-A4	.0003"	.000070"	902
36 x 48 x 6	2,040.00	36x48x6-A0	2,183.00	36x48x6-A2	2,374.00	36x48x6-A4	.0004"	.000070"	1,203
36 x 60 x 6	2,646.00	36x60x6-A0	2,804.00	36x60x6-A2	3,091.00	36x60x6-A4	.0005"	.000080"	1,503
36 x 72 x 8	3,442.00	36x72x8-A0	3,695.00	36x72x8-A2	4,141.00	36x72x8-A4	.0006"	.000080"	2,359
48 x 48 x 6	2,779.00	48x48x6-A0	2,951.00	48x48x6-A2	3,232.00	48x48x6-A4	.0004"	.000080"	1,603
48 x 60 x 6	3,661.00	48x60x6-A0	3,979.00	48x60x6-A2	4,317.00	48x60x6-A4	.0006"	.000080"	2,004
48 x 72 x 8	4,077.00	48x72x8-A0	4,362.00	48x72x8-A2	4,777.00	48x72x8-A4	.0007"	.000080"	3,145
48 x 96 x 10	7,134.00	48x96x10-A0	7,319.00	48x96x10-A2	7,686.00	48x96x10-A4	.001"	.0001"	4,933

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

**\$160.00 ORDER MINIMUM**

# BLACK GRANITE SURFACE PLATES

ASME B89.3.7-2013 Fed Spec GGG-P-463c  
Plates smaller than 12" x 18" made to Manufacturer's Spec

**TRACEABLE TO NIST**

or equivalent natl or intl organization

**TWO ACCURACY CERTIFICATION INCLUDED**

**ISO 17025 accredited cert available at extra charge**



## SURFACE PLATES B GRADE (TOOLROOM)

SIZE INCHES W x L x T	0-LEDGE		2-LEDGE		4-LEDGE		OVERALL ACCURACY	REPEAT READING	SHIP WT LB
	\$	Item#	\$	Item#	\$	Item#			
8 x 12 x 2	117.00	8x12x2-B0	N/A		N/A		.0002"	.000110"	28
9 x 12 x 3	138.00	9x12x3-B0	N/A		N/A		.0002"	.000110"	40
12 x 12 x 3	158.00	12x12x3-B0	N/A		N/A		.0002"	.000110"	54
12 x 18 x 3	201.00	12x18x3-B0	245.00	12x18x3-B2	290.00	12x18x3-B4	.0002"	.000110"	81
18 x 18 x 3	324.00	18x18x3-B0	379.00	18x18x3-B2	439.00	18x18x3-B4	.0002"	.000110"	121
18 x 24 x 3	339.00	18x24x3-B0	387.00	18x24x3-B2	451.00	18x24x3-B4	.0003"	.000110"	162
24 x 24 x 3	545.00	24x24x3-B0	592.00	24x24x3-B2	687.00	24x24x3-B4	.0003"	.000120"	216
24 x 36 x 4	739.00	24x36x4-B0	832.00	24x36x4-B2	962.00	24x36x4-B4	.0004"	.000120"	416
24 x 48 x 6	1,215.00	24x48x6-B0	1,358.00	24x48x6-B2	1,531.00	24x48x6-B4	.0006"	.000120"	802
30 x 48 x 6	1,485.00	30x48x6-B0	1,639.00	30x48x6-B2	1,775.00	30x48x6-B4	.0007"	.000120"	1,002
36 x 36 x 6	1,311.00	36x36x6-B0	1,525.00	36x36x6-B2	1,627.00	36x36x6-B4	.0006"	.000120"	902
36 x 48 x 6	1,663.00	36x48x6-B0	1,818.00	36x48x6-B2	2,007.00	36x48x6-B4	.0008"	.000120"	1,203
36 x 60 x 6	2,040.00	36x60x6-B0	2,203.00	36x60x6-B2	2,485.00	36x60x6-B4	.001"	.000160"	1,503
36 x 72 x 6	2,710.00	36x72x6-B0	2,933.00	36x72x6-B2	3,313.00	36x72x6-B4	.0012"	.000160"	1,804
48 x 48 x 6	2,177.00	48x48x6-B0	2,349.00	48x48x6-B2	2,631.00	48x48x6-B4	.0008"	.000160"	1,603
48 x 60 x 6	2,804.00	48x60x6-B0	3,126.00	48x60x6-B2	3,474.00	48x60x6-B4	.0012"	.000160"	2,004
48 x 72 x 6	3,504.00	48x72x6-B0	3,788.00	48x72x6-B2	4,141.00	48x72x6-B4	.0014"	.000160"	2,405
48 x 96 x 8	5,670.00	48x96x8-B0	5,814.00	48x96x8-B2	6,123.00	48x96x8-B4	.002"	.0002"	3,947

## VINYL COVERS

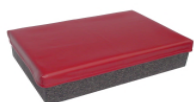
SURFACE PLATE COVERS		
W x L	\$	Item#
12 x 18	112.00	12x18VC
18 x 18	116.00	18x18VC
18 x 24	118.00	18x24VC
24 x 24	123.00	24x24VC
24 x 36	126.00	24x36VC
24 x 36	126.00	24x36VC
24 x 48	136.00	24x48VC
30 x 48	138.00	30x48VC
36 x 36	137.00	36x36VC
36 x 48	139.00	36x48VC
36 x 60	142.00	36x60VC
36 x 72	148.00	36x72VC
48 x 48	146.00	48x48VC
48 x 60	157.00	48x60VC
48 x 72	162.00	48x72VC
48 x 96	242.00	48x96VC

## 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 with LOCKS		SHIP WT LB
		\$	Item#	\$	Item#	
12 x 18	up to 4"	527.00	12x18-MAX4SS	643.00	12x18-MAX4CSL	95
18 x 18	up to 4"	541.00	18x18-MAX4SS	692.00	18x18-MAX4CSL	95
18 x 24	up to 4"	555.00	18x24-MAX4SS	704.00	18x24-MAX4CSL	95
24 x 24	up to 4"	587.00	24x24-MAX4SS	725.00	24x24-MAX4CSL	100
24 x 36	up to 4"	685.00	24x36-MAX4SS	811.00	24x36-MAX4CSL	120
24 x 36	5" to 6"	737.00	24x36-MAX6SS	871.00	24x36-MAX6CSL	170
24 x 48	up to 6"	764.00	24x48-MAX6SS	931.00	24x48-MAX6CSL	200
30 x 48	up to 6"	798.00	30x48-MAX6SS	966.00	30x48-MAX6CSL	220
36 x 36	up to 6"	791.00	36x36-MAX6SS	953.00	36x36-MAX6CSL	210
36 x 48	up to 8"	811.00	36x48-MAX8SS	1,048.00	36x48-MAX8CSL	225
36 x 60	up to 8"	891.00	36x60-MAX8SS	1,133.00	36x60-MAX8CSL	245
36 x 72	up to 10"	976.00	36x72-MAX10SS	1,281.00	36x72-MAX10CSL	260
48 x 48	up to 8"	964.00	48x48-MAX8SS	1,239.00	48x48-MAX8CSL	250
48 x 60	up to 8"	1,034.00	48x60-MAX8SS	1,425.00	48x60-MAX8CSL	275
48 x 72	up to 10"	1,159.00	48x72-MAX10SS	1,567.00	48x72-MAX10CSL	380
48 x 96	up to 12"	1,437.00	48x96-MAX12SS	2,145.00	48x96-MAX12CSL	530

STATE THICKNESS OF PLATE WHEN ORDERING COVERS  
Standard color is black



IF TALLER STAND IS REQUIRED ADD \$20.00 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.



### PROTECTIVE CLEANER

#P-5396

1 Pint	\$24.00
Case of 12	\$288.00
Case = 15 lbs.	

**\$160.00 ORDER MINIMUM**

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ISO 9001 CERTIFIED

## STEEL SUPPORT STANDS

WITH A 3-POINT SUSPENSION



STATIONARY "BOX" DESIGN

**STATIONARY STANDS** include leveling bolts on the bottom of each leg.



STATIONARY "20%" DESIGN

To minimize plate sag and warp, three fixed support points are recommended by ASME B89.3.7-2013 and Fed Spec GGG-P-463c.

**PRECISION** surface plates are marked on the bottom of the plate to coincide with the supports on the top of the stand. Aligned with each other they uphold the accuracy of the plate.

**PRECISION** standard stands are manufactured to support the weight of the surface plate plus 50 pounds per square foot load.

Stands are made for each plate to meet a 36" working height unless specified otherwise.

We use a machinery gray paint to finish and protect the stand.

Powder coat paint finish or custom colors are available for an additional charge.



CASTERED "BOX" DESIGN

**CASTERED STANDS WITH LOCKING CASTERS**  
Our castered stand has two locking swivel and two rigid casters to allow the plate and stand to be easily rolled. The plate can be leveled with the bolts on the top of the stand.

### STAND TYPES FOR STANDARD PLATES

Stationary	12" x 18" to 36" x 36"	Box design
Castered		Box design
Stationary	30" x 48" or Larger	20% design
Castered	30" x 48" or Larger	Box design

\*Add 20% to cost of stand not manufactured per standard spec.

**Stands are custom orders.** Please ask for our stand ordering form (4501) to facilitate manufacturing the best fit to your plate.

### CUSTOM STANDS

Stands can be manufactured to your drawings and specifications. If you need assistance, please contact us.

### PRECISION PROTECTIVE CLEANER

Penetrates the granite surface to loosen dirt, grime and residues. It leaves the surface clean, which cuts down wear on precision surfaces. Sold in pint size squeeze bottles.



### PEDESTALS AND LEVELING JACKS

For maximum support on large plates, an economical solution is a pedestal and leveling jack system. The granite pedestals are custom made to meet the required working height. The adjustable wedge jack between the pedestal and plate provides for leveling.



Our **Surface Plate Covers** are made of vinyl; durable on the outside, soft on the inside. Prices are on our Surface Plate price list. Standard color is **black**.

# STAND SPECIFICATION FORM

required only when ordering a stand for customer's existing plate



## STANDS FOR GRANITE SURFACE PLATES

BEFORE WE CAN PROCESS YOUR ORDER, WE MUST HAVE THE FOLLOWING INFORMATION:



- TYPE OF STAND
- STATIONARY
- CASTERED WITH LOCKS

STANDARD WORKING HEIGHT OF THE STAND IS **36" OVERALL**  
Measured from the top of the plate to the floor

IF TALLER STAND IS REQUIRED, ADD \$20.00 PER INCH OVER 36"

IF SHORTER STAND IS REQUIRED, NO EXTRA CHARGE

DESIRED WORKING HEIGHT: \_\_\_\_\_"

**STANDS ARE CUSTOM ORDERS. THEY CANNOT BE RETURNED. PLEASE MEASURE CAREFULLY!**



- TYPE OF PLATE
- 0-LEDGE
- 2-LEDGE
- 4-LEDGE

LENGTH AND WIDTH OF TOP OF PLATE  
\_\_\_\_\_ X \_\_\_\_\_

TOTAL OVERALL THICKNESS OF PLATE  
\_\_\_\_\_

FOR PLATES WITH 2 OR 4 LEDGES,  
LENGTH AND WIDTH OF BOTTOM OF PLATE  
\_\_\_\_\_ X \_\_\_\_\_

BRAND/MANUFACTURER OF PLATE\* \_\_\_\_\_

\*If brand/manufacturer is unknown, we will manufacture to industry standard.

**NOTE:** For Starrett Brand, state when manufactured:  before year 2008  year 2008 or after

**Add 20% to price of stand for all Starrett Brand Plates and stands not manufactured per standard spec**

CUSTOMER NAME \_\_\_\_\_

PO NUMBER \_\_\_\_\_

ORDERED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

**PLEASE COMPLETE and SEND THIS FORM to:  
PRECISION GRANITE at [sales@precisiongraniteusa.com](mailto:sales@precisiongraniteusa.com) or fax 562-946-4336**

# BLACK GRANITE ACCESSORIES

Includes Calibration Certificate traceable to N.I.S.T. or equivalent national or international organization  
**ISO 17025 accredited cert available at extra charge**

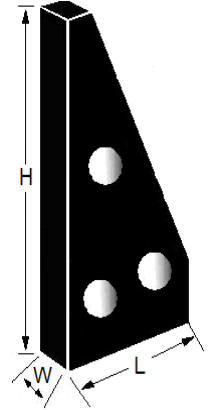
All granite products made to manufacturer's spec available in custom sizes and thickness, with threaded inserts, with or without lightening holes.



## TRI-SQUARES

( ACCURACIES PER 6 INCHES )  
PRICE EACH

Size L x H x W	LABORATORY Grade AA .000050"	INSPECTION Grade A .0001"
	\$ Item#	\$ Item#
	<b>3-Face</b>	<b>3-Face</b>
9 x 12 x 3	1,237.00 9X12X3AA3TS	1,032.00 9X12X3A3TS
9 x 18 x 3	1,441.00 9X18X3AA3TS	1,173.00 9X18X3A3TS
12 x 18 x 3	1,758.00 12X18X3AA3TS	1,334.00 12X18X3A3TS
18 x 24 x 3	3,101.00 18X24X3AA3TS	2,467.00 18X24X3A3TS
24 x 24 x 3	3,819.00 24X24X3AA3TS	3,101.00 24X24X3A3TS
24 x 36 x 3	4,185.00 24X36X3AA3TS	3,553.00 24X36X3A3TS
	<b>4-Face</b>	<b>4-Face</b>
9 x 12 x 3	1,571.00 9X12X3AA4TS	1,311.00 9X12X3A4TS
9 x 18 x 3	1,781.00 9X18X3AA4TS	1,504.00 9X18X3A4TS
12 x 18 x 3	2,144.00 12X18X3AA4TS	1,773.00 12X18X3A4TS
18 x 24 x 3	3,535.00 18X24X3AA4TS	2,881.00 18X24X3A4TS
24 x 24 x 3	4,312.00 24X24X3AA4TS	3,562.00 24X24X3A4TS
24 x 36 x 3	4,783.00 24X36X3AA4TS	4,090.00 24X36X3A4TS



**3-Face**  
One large face & two edges flat & square to each other with lightening holes

**4-Face**  
Two large faces & two edges flat & square to each other with lightening holes

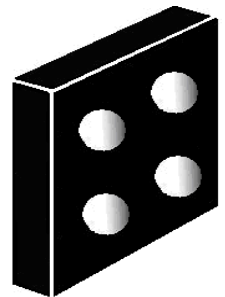
Calibrates X-Y-Z axis on:  
CNC machines  
Milling machines  
Coordinate measuring machines

Number of lightening holes vary with size of square

## MASTER SQUARES

( ACCURACIES PER 6 INCHES )  
PRICE EACH

Size L x H x W	LABORATORY Grade AA .000050"	INSPECTION Grade A .0001"
	\$ Item#	\$ Item#
	<b>5-Face</b>	<b>5-Face</b>
12 x 12 x 3	1,422.00 12X12X3AA5MS	1,147.00 12X12X3A5MS
14 x 14 x 3	1,766.00 14X14X3AA5MS	1,347.00 14X14X3A5MS
16 x 16 x 3	2,546.00 16X16X3AA5MS	2,062.00 16X16X3A5MS
18 x 18 x 3	3,001.00 18X18X3AA5MS	2,427.00 18X18X3A5MS
24 x 24 x 4	3,596.00 24X24X4AA5MS	3,060.00 24X24X4A5MS
	<b>6-Face</b>	<b>6-Face</b>
12 x 12 x 3	1,791.00 12X12X3AA6MS	1,444.00 12X12X3A6MS
14 x 14 x 3	2,227.00 14X14X3AA6MS	1,699.00 14X14X3A6MS
16 x 16 x 3	3,208.00 16X16X3AA6MS	2,598.00 16X16X3A6MS
18 x 18 x 3	3,782.00 18X18X3AA6MS	3,060.00 18X18X3A6MS
24 x 24 x 4	4,532.00 24X24X4AA6MS	3,855.00 24X24X4A6MS



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

**6-Face**  
Two large faces & four edges flat, square and parallel to each other, with lightening holes

**CASES AND CUSTOM ITEMS ARE NON-REFUNDABLE**  
 EXPORT HANDLING FEE WILL APPLY FOR SHIPMENTS OUTSIDE OF USA  
 HEAT TREATED WOOD PACKAGING QUOTED ON REQUEST  
 ALL SIZES ARE IN INCHES – OTHER SIZES AVAILABLE ON REQUEST  
 PRICES SUBJECT TO CHANGE WITHOUT NOTICE

# CASES FOR GRANITE ACCESSORIES



## CARRY/STORAGE CASES



### CUSTOM CASES

- Designed for maximum protection of granite accessories
- Specifically made to fit each product
- Dust and water resistant
- Exterior- Fiberglass or ABS plastic laminate on plywood
- Reinforced aluminum and steel edges
- Custom foam interior
- Locking closures, if requested
- Color: Blue
- Prices available on request.

### PELICAN CASE 1550 and 1600 case

- Watertight, crushproof and dustproof
- Open cell core with solid wall design – strong, lightweight
- Pressure Equalization Valve O-ring seal
- Comfortable rubber over-molded handle
- Stainless steel hardware
- 2 level Pick 'N' Pluck™ foam with convoluted lid foam
- Color: Black



**1600**  
**1550**



**1560**

### PELICAN CASE 1560 rolling case

- Same features as above
- Including 2 wheels: strong polyurethane w/stainless steel bearings
- Retractable extension handle

Pelican Case Style	Item #	\$	External Size L x W x D	Wt.	Recommended for:	
Carry	1550	434.00	21" x 17" x 8"	12 lbs	Master Square	12" x 12" x 3"
					Tri-Square	9" x 12" x 3"
Carry	1600	513.00	24" x 19.5" x 9"	14 lbs	Tri-Square	9" x 18" x 3"
						12" x 18" x 3"
Rolling	1560	534.00	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"
					12" x 18" x 3"	

**CASES AND CUSTOM ITEMS ARE NON-REFUNDABLE**  
 EXPORT HANDLING FEE WILL APPLY FOR SHIPMENTS OUTSIDE OF USA  
 HEAT TREATED WOOD PACKAGING QUOTED ON REQUEST  
 ALL SIZES ARE IN INCHES – OTHER SIZES AVAILABLE ON REQUEST  
 PRICES SUBJECT TO CHANGE WITHOUT NOTICE

# BLACK GRANITE ACCESSORIES

Includes Calibration Certificate traceable to N.I.S.T. or equivalent national or international organization  
**ISO 17025 accredited cert available at extra charge**

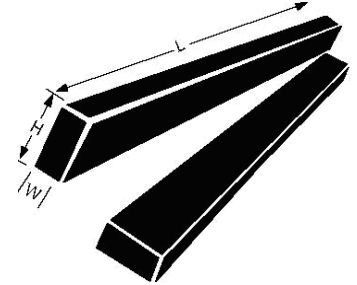
All granite products made to manufacturer's spec available in custom sizes and thickness, with threaded inserts, with or without lightening holes



## PARALLELS

( ACCURACIES PER 12 INCHES PRICE PER MATCHED PAIR )

Size W x H x L	LABORATORY Grade AA .000050"		INSPECTION Grade A .0001"	
	\$	Item#	\$	Item#
<b>2-Face</b>				
¾ x 1 x 6	307.00	.75X1X6AA2PL	271.00	.75X1X6A2PL
1 x 2 x 12	422.00	1X2X12AA2PL	362.00	1X2X12A2PL
1 ½ x 3 x 18	777.00	1.5X3X18AA2PL	663.00	1.5X3X18A2PL
1 ½ x 4 x 30	1,128.00	1.5X4X30AA2PL	940.00	1.5X4X30A2PL
<b>4-Face</b>				
¾ x 1 x 6	383.00	.75X1X6AA4PL	335.00	.75X1X6A4PL
1 x 2 x 12	502.00	1X2X12AA4PL	438.00	1X2X12A4PL
1 ½ x 3 x 18	988.00	1.5X3X18AA4PL	821.00	1.5X3X18A4PL
1 ½ x 4 x 30	1,644.00	1.5X4X30AA4PL	1,439.00	1.5X4X30A4PL



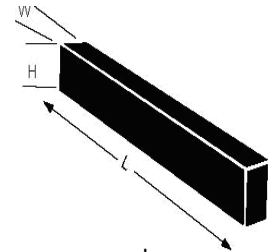
**2-Face**  
Two long narrow edges flat and parallel to each other

**4-Face**  
Four long narrow and wide edges flat and parallel to each other

## STRAIGHT EDGES

( ACCURACIES PER 12 INCHES PRICE EACH )

Size W x H x L	LABORATORY Grade AA .000050"		INSPECTION Grade A .0001"	
	\$	Item#	\$	Item#
<b>1-Face</b>				
1 ½ x 4 x 24	567.00	1.5X4X24AASE	479.00	1.5X4X24ASE
1 ½ x 5 x 36	797.00	1.5X5X36AASE	658.00	1.5X5X36ASE
2 x 6 x 48	1,047.00	2X6X48AASE	950.00	2X6X48ASE
<b>2-Face</b>				
1 ½ x 4 x 24	765.00	1.5X4X24AA2SE	647.00	1.5X4X24A2SE
1 ½ x 5 x 36	1,075.00	1.5X5X36AA2SE	889.00	1.5X5X36A2SE
2 x 6 x 48	1,412.00	2X6X48AA2SE	1,284.00	2X6X48A2SE



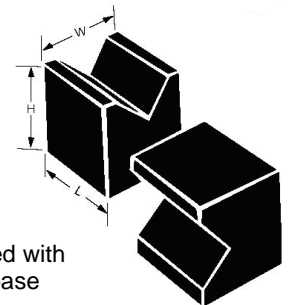
**1-Face**  
Accuracy on one long narrow edge

**2-Face**  
Two long narrow edges flat and parallel to each other

## VEE BLOCKS

( ACCURACIES PER 6 INCHES PRICE PER MATCHED PAIR )

Size W x H x L	LABORATORY Grade AA .0001"		INSPECTION Grade A .0002"	
	\$	Item#	\$	Item#
<b>V &amp; Base</b>				
2 x 2 x 2 ½	803.00	2X2X2.5AAVBVB	723.00	2X2X2.5AVBVB
3 x 3 x 3	933.00	3X3X3AAVBVB	830.00	3X3X3AVBVB
4 x 4 x 4	1,062.00	4X4X4AAVBVB	909.00	4X4X4AVBVB
6 x 6 x 6	1,602.00	6X6X6AAVBVB	1,419.00	6X6X6AVBVB
<b>Universal</b>				
2 x 2 x 2 ½	1,301.00	2X2X2.5AAUVB	1,062.00	2X2X2.5AUVB
3 x 3 x 3	1,413.00	3X3X3AAUVB	1,153.00	3X3X3AUVB
4 x 4 x 4	1,537.00	4X4X4AAUVB	1,370.00	4X4X4AUVB
6 x 6 x 6	2,221.00	6X6X6AAUVB	1,923.00	6X6X6AUVB



**"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

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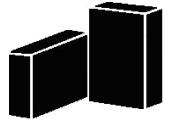
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**ISO 9001 CERTIFIED**

## STEP BLOCKS

1" x 2" x 3"	LABORATORY Grade AA	INSPECTION Grade A
Overall accuracy	.000050"	.0001"
Size accuracy within	±.0001"	±.00015"
	\$ <b>Item#</b>	\$ <b>Item#</b>
Matched Pair	823.00 <b>123AASBPR</b>	670.00 <b>123ASBPR</b>
Individual Block	494.00 <b>123AASBEA</b>	407.00 <b>123ASBEA</b>

Also called **1-2-3 Blocks**  
 Sold individually or in pairs

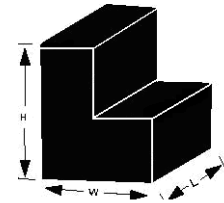
6 faces finished flat, square, and parallel



## ANGLE PLATES

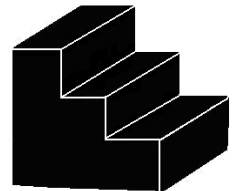
(ACCURACIES PER 6 INCHES PRICE EACH)

SIZE W x H x L	LABORATORY Grade AA .000050"	INSPECTION Grade A .0001"
	\$ <b>Item#</b>	\$ <b>Item#</b>
	<b>2-Face</b>	<b>2-Face</b>
4 x 4 x 4	383.00 <b>4X4X4AA2AP</b>	336.00 <b>4X4X4A2AP</b>
4½ x 6 x 6	421.00 <b>4.5X6X6AA2AP</b>	361.00 <b>4.5X6X6A2AP</b>
6 x 6 x 6	567.00 <b>6X6X6AA2AP</b>	479.00 <b>6X6X6A2AP</b>
6 x 9 x 12	1,128.00 <b>6X9X12AA2AP</b>	934.00 <b>6X9X12A2AP</b>
	<b>4-Face</b>	<b>4-Face</b>
4 x 4 x 4	502.00 <b>4X4X4AA4AP</b>	421.00 <b>4X4X4A4AP</b>
4½ x 6 x 6	699.00 <b>4.5X6X6AA4AP</b>	583.00 <b>4.5X6X6A4AP</b>
6 x 6 x 6	740.00 <b>6X6X6AA4AP</b>	630.00 <b>6X6X6A4AP</b>
6 x 9 x 12	1,699.00 <b>6X9X12AA4AP</b>	1,386.00 <b>6X9X12A4AP</b>



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

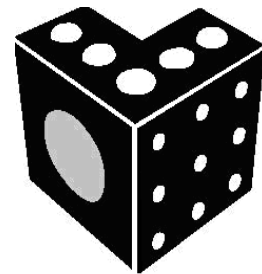
### 4-Face

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 .000050"	INSPECTION Grade A .0001"
	\$ <b>Item#</b>	\$ <b>Item#</b>
	<b>2-Face</b>	<b>2-Face</b>
4 x 4 x 4	1,128.00 <b>4X4X4AA2IAP</b>	1,007.00 <b>4X4X4A2IAP</b>
6 x 6 x 6	1,278.00 <b>6X6X6AA2IAP</b>	1,166.00 <b>6X6X6A2IAP</b>
6 x 9 x 12	3,702.00 <b>6X9X12AA2IAP</b>	2,832.00 <b>6X9X12A2IAP</b>
	<b>4-Face</b>	<b>4-Face</b>
4 x 4 x 4	1,217.00 <b>4X4X4AA4IAP</b>	1,081.00 <b>4X4X4A4IAP</b>
6 x 6 x 6	1,614.00 <b>6X6X6AA4IAP</b>	1,478.00 <b>6X6X6A4IAP</b>
6 x 9 x 12	4,063.00 <b>6X9X12AA4IAP</b>	3,459.00 <b>6X9X12A4IAP</b>



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.

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# COMPARATOR STANDS

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BLACK GRANITE SURFACE PLATE BASE  
 INCLUDES COLUMN & CLAMP WITH FINE ADJUSTMENT  
*Made to Manufacturer's Spec*

**STANDARD**  
 CLAMP  
 FOR LUG BACK  
 INDICATOR



COMPARATOR  
 STAND  
 "Standard  
 Location"  
rectangular plate

## COMPARATOR STAND WITH **STANDARD** 10" POST & CLAMP

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 with fine adjustment 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 higher columns, add \$20.00 for each inch over 10"

PLATE Size Inches	LABORATORY Grade AA			INSPECTION Grade A			TOOLROOM Grade B			SHIP WT LBS
	W x L x T	\$	Overall accuracy Item#	\$	Overall accuracy Item#	\$	Overall accuracy Item#	LBS		
6 x 6 x 2	484.00	.000050"	6X6X2AASTCS	432.00	.0001"	6X6X2ASTCS	400.00	.0002"	6X6X2BSTCS	18
8 x 12 x 2	499.00	.000050"	8X12X2AASTCS	445.00	.0001"	8X12X2ASTCS	416.00	.0002"	8X12X2BSTCS	35
9 x 12 x 3	599.00	.000050"	9X12X3AASTCS	538.00	.0001"	9X12X3ASTCS	465.00	.0002"	9X12X3BSTCS	50
12 x 18 x 2	649.00	.000050"	12X18X2AASTCS	579.00	.0001"	12X18X2ASTCS	511.00	.0002"	12X18X2BSTCS	63
18 x 24 x 3	1,066.00	.000075"	18X24X3AASTCS	915.00	.000150"	18X24X3ASTCS	732.00	.0003"	18X24X3BSTCS	167

## COMPARATOR STAND WITH **SPECIAL** 10" POST & CLAMP

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 with fine adjustment accepts stem drop indicators  
 Special column not available for 8" x 12" or smaller  
 We stock 1.365" dia. x 10" columns  
 For higher columns, add \$25.00 for each inch over 10"

**SPECIAL**  
 POST AND CLAMP  
 ACCEPTS  
 STEM DROP  
 INDICATOR



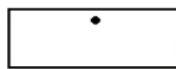
PLATE Size Inches	LABORATORY Grade AA			INSPECTION Grade A			TOOLROOM Grade B			SHIP WT LBS
	W x L x T	\$	Overall accuracy Item#	\$	Overall accuracy Item#	\$	Overall accuracy Item#	LBS		
9 x 12 x 3	1,019.00	.000050"	9X12X3AASPCS	963.00	.0001"	9X12X3ASPCS	885.00	.0002"	9X12X3BSPCS	56
12 x 18 x 2	1,072.00	.000050"	12X18X2AASPCS	1,003.00	.0001"	12X18X2ASPCS	934.00	.0002"	12X18X2BSPCS	69
18 x 24 x 3	1,488.00	.000075"	18X24X3AASPCS	1,338.00	.000150"	18X24X3ASPCS	1,154.00	.0003"	18X24X3BSPCS	173

**Mounting location for column must be specified when ordering**

Notate: "Standard" or Optional"



"Standard Location"  
 for  
 rectangular plates



"Optional Location"  
 for  
 rectangular plates



Square plates  
 made with  
 "Standard Location"

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