

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 | 190.00 | 8x12x2-AA0 | N/A | | N/A | | .000050" | .000035" | 28 |
| 9 x 12 x 3 | 223.00 | 9x12x3-AA0 | N/A | | N/A | | .000050" | .000035" | 40 |
| 12 x 12 x 3 | 255.00 | 12x12x3-AA0 | N/A | | N/A | | .000050" | .000035" | 54 |
| 12 x 18 x 3 | 315.00 | 12x18x3-AA0 | 367.00 | 12x18x3-AA2 | 420.00 | 12x18x3-AA4 | .000050" | .000035" | 81 |
| 18 x 18 x 4 | 539.00 | 18x18x4-AA0 | 622.00 | 18x18x4-AA2 | 699.00 | 18x18x4-AA4 | .000050" | .000035" | 156 |
| 18 x 24 x 4 | 662.00 | 18x24x4-AA0 | 727.00 | 18x24x4-AA2 | 833.00 | 18x24x4-AA4 | .000075" | .000035" | 208 |
| 24 x 24 x 4 | 901.00 | 24x24x4-AA0 | 970.00 | 24x24x4-AA2 | 1,042.00 | 24x24x4-AA4 | .000075" | .000045" | 278 |
| 24 x 36 x 6 | 1,350.00 | 24x36x6-AA0 | 1,455.00 | 24x36x6-AA2 | 1,592.00 | 24x36x6-AA4 | .0001" | .000045" | 601 |
| 24 x 48 x 6 | 1,865.00 | 24x48x6-AA0 | 1,984.00 | 24x48x6-AA2 | 2,263.00 | 24x48x6-AA4 | .000150" | .000045" | 802 |
| 30 x 48 x 6 | 2,363.00 | 30x48x6-AA0 | 2,535.00 | 30x48x6-AA2 | 2,676.00 | 30x48x6-AA4 | .000175" | .000045" | 1,002 |
| 36 x 36 x 6 | 1,971.00 | 36x36x6-AA0 | 2,167.00 | 36x36x6-AA2 | 2,375.00 | 36x36x6-AA4 | .000150" | .000045" | 902 |
| 36 x 48 x 6 | 2,757.00 | 36x48x6-AA0 | 2,932.00 | 36x48x6-AA2 | 3,308.00 | 36x48x6-AA4 | .0002" | .000045" | 1,203 |
| 36 x 60 x 8 | 3,448.00 | 36x60x8-AA0 | 3,724.00 | 36x60x8-AA2 | 4,134.00 | 36x60x8-AA4 | .000250" | .000060" | 1,966 |
| 36 x 72 x 10 | 4,236.00 | 36x72x10-AA0 | 4,648.00 | 36x72x10-AA2 | 5,167.00 | 36x72x10-AA4 | .0003" | .000060" | 2,914 |
| 48 x 48 x 8 | 3,937.00 | 48x48x8-AA0 | 4,125.00 | 48x48x8-AA2 | 4,429.00 | 48x48x8-AA4 | .0002" | .000060" | 2,097 |
| 48 x 60 x 8 | 4,480.00 | 48x60x8-AA0 | 4,991.00 | 48x60x8-AA2 | 5,338.00 | 48x60x8-AA4 | .0003" | .000060" | 2,621 |
| 48 x 72 x 10 | 5,302.00 | 48x72x10-AA0 | 5,614.00 | 48x72x10-AA2 | 6,025.00 | 48x72x10-AA4 | .000350" | .000060" | 3,885 |
| 48 x 96 x 12 | 8,867.00 | 48x96x12-AA0 | 9,077.00 | 48x96x12-AA2 | 9,506.00 | 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 | 151.00 | 8x12x2-A0 | N/A | | N/A | | .0001" | .000060" | 28 |
| 9 x 12 x 3 | 183.00 | 9x12x3-A0 | N/A | | N/A | | .0001" | .000060" | 40 |
| 12 x 12 x 3 | 211.00 | 12x12x3-A0 | N/A | | N/A | | .0001" | .000060" | 54 |
| 12 x 18 x 3 | 266.00 | 12x18x3-A0 | 315.00 | 12x18x3-A2 | 367.00 | 12x18x3-A4 | .0001" | .000060" | 81 |
| 18 x 18 x 3 | 423.00 | 18x18x3-A0 | 476.00 | 18x18x3-A2 | 593.00 | 18x18x3-A4 | .0001" | .000060" | 121 |
| 18 x 24 x 3 | 504.00 | 18x24x3-A0 | 557.00 | 18x24x3-A2 | 606.00 | 18x24x3-A4 | .000150" | .000060" | 162 |
| 24 x 24 x 3 | 697.00 | 24x24x3-A0 | 791.00 | 24x24x3-A2 | 901.00 | 24x24x3-A4 | .000150" | .000070" | 216 |
| 24 x 36 x 4 | 956.00 | 24x36x4-A0 | 1,066.00 | 24x36x4-A2 | 1,206.00 | 24x36x4-A4 | .0002" | .000070" | 416 |
| 24 x 48 x 6 | 1,521.00 | 24x48x6-A0 | 1,638.00 | 24x48x6-A2 | 1,832.00 | 24x48x6-A4 | .0003" | .000070" | 802 |
| 30 x 48 x 6 | 1,913.00 | 30x48x6-A0 | 2,081.00 | 30x48x6-A2 | 2,225.00 | 30x48x6-A4 | .000350" | .000070" | 1,002 |
| 36 x 36 x 6 | 1,627.00 | 36x36x6-A0 | 1,822.00 | 36x36x6-A2 | 1,934.00 | 36x36x6-A4 | .0003" | .000070" | 902 |
| 36 x 48 x 6 | 2,207.00 | 36x48x6-A0 | 2,362.00 | 36x48x6-A2 | 2,568.00 | 36x48x6-A4 | .0004" | .000070" | 1,203 |
| 36 x 60 x 6 | 2,863.00 | 36x60x6-A0 | 3,034.00 | 36x60x6-A2 | 3,344.00 | 36x60x6-A4 | .0005" | .000080" | 1,503 |
| 36 x 72 x 8 | 3,724.00 | 36x72x8-A0 | 3,997.00 | 36x72x8-A2 | 4,480.00 | 36x72x8-A4 | .0006" | .000080" | 2,359 |
| 48 x 48 x 6 | 3,006.00 | 48x48x6-A0 | 3,192.00 | 48x48x6-A2 | 3,496.00 | 48x48x6-A4 | .0004" | .000080" | 1,603 |
| 48 x 60 x 6 | 3,961.00 | 48x60x6-A0 | 4,304.00 | 48x60x6-A2 | 4,669.00 | 48x60x6-A4 | .0006" | .000080" | 2,004 |
| 48 x 72 x 8 | 4,410.00 | 48x72x8-A0 | 4,719.00 | 48x72x8-A2 | 5,167.00 | 48x72x8-A4 | .0007" | .000080" | 3,145 |
| 48 x 96 x 10 | 7,716.00 | 48x96x10-A0 | 7,916.00 | 48x96x10-A2 | 8,314.00 | 48x96x10-A4 | .001" | .0001" | 4,933 |

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

\$175.00 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 | 127.00 | 8x12x2-B0 | N/A | | N/A | | .0002" | .000110" | 28 |
| 9 x 12 x 3 | 150.00 | 9x12x3-B0 | N/A | | N/A | | .0002" | .000110" | 40 |
| 12 x 12 x 3 | 171.00 | 12x12x3-B0 | N/A | | N/A | | .0002" | .000110" | 54 |
| 12 x 18 x 3 | 219.00 | 12x18x3-B0 | 266.00 | 12x18x3-B2 | 315.00 | 12x18x3-B4 | .0002" | .000110" | 81 |
| 18 x 18 x 3 | 352.00 | 18x18x3-B0 | 410.00 | 18x18x3-B2 | 475.00 | 18x18x3-B4 | .0002" | .000110" | 121 |
| 18 x 24 x 3 | 367.00 | 18x24x3-B0 | 420.00 | 18x24x3-B2 | 489.00 | 18x24x3-B4 | .0003" | .000110" | 162 |
| 24 x 24 x 3 | 591.00 | 24x24x3-B0 | 641.00 | 24x24x3-B2 | 744.00 | 24x24x3-B4 | .0003" | .000120" | 216 |
| 24 x 36 x 4 | 800.00 | 24x36x4-B0 | 901.00 | 24x36x4-B2 | 1,042.00 | 24x36x4-B4 | .0004" | .000120" | 416 |
| 24 x 48 x 6 | 1,315.00 | 24x48x6-B0 | 1,469.00 | 24x48x6-B2 | 1,657.00 | 24x48x6-B4 | .0006" | .000120" | 802 |
| 30 x 48 x 6 | 1,607.00 | 30x48x6-B0 | 1,773.00 | 30x48x6-B2 | 1,920.00 | 30x48x6-B4 | .0007" | .000120" | 1,002 |
| 36 x 36 x 6 | 1,419.00 | 36x36x6-B0 | 1,651.00 | 36x36x6-B2 | 1,761.00 | 36x36x6-B4 | .0006" | .000120" | 902 |
| 36 x 48 x 6 | 1,800.00 | 36x48x6-B0 | 1,967.00 | 36x48x6-B2 | 2,172.00 | 36x48x6-B4 | .0008" | .000120" | 1,203 |
| 36 x 60 x 6 | 2,207.00 | 36x60x6-B0 | 2,384.00 | 36x60x6-B2 | 2,689.00 | 36x60x6-B4 | .001" | .000160" | 1,503 |
| 36 x 72 x 6 | 2,932.00 | 36x72x6-B0 | 3,173.00 | 36x72x6-B2 | 3,584.00 | 36x72x6-B4 | .0012" | .000160" | 1,804 |
| 48 x 48 x 6 | 2,355.00 | 48x48x6-B0 | 2,542.00 | 48x48x6-B2 | 2,846.00 | 48x48x6-B4 | .0008" | .000160" | 1,603 |
| 48 x 60 x 6 | 3,034.00 | 48x60x6-B0 | 3,382.00 | 48x60x6-B2 | 3,758.00 | 48x60x6-B4 | .0012" | .000160" | 2,004 |
| 48 x 72 x 6 | 3,791.00 | 48x72x6-B0 | 4,098.00 | 48x72x6-B2 | 4,480.00 | 48x72x6-B4 | .0014" | .000160" | 2,405 |
| 48 x 96 x 8 | 6,133.00 | 48x96x8-B0 | 6,289.00 | 48x96x8-B2 | 6,623.00 | 48x96x8-B4 | .002" | .0002" | 3,947 |

VINYL COVERS

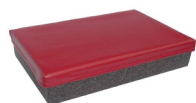
| SURFACE PLATE COVERS | | |
|----------------------|--------|---------|
| W x L | \$ | Item# |
| 12 x 18 | 122.00 | 12x18VC |
| 18 x 18 | 126.00 | 18x18VC |
| 18 x 24 | 128.00 | 18x24VC |
| 24 x 24 | 134.00 | 24x24VC |
| 24 x 36 | 137.00 | 24x36VC |
| 24 x 36 | 137.00 | 24x36VC |
| 24 x 48 | 148.00 | 24x48VC |
| 30 x 48 | 150.00 | 30x48VC |
| 36 x 36 | 149.00 | 36x36VC |
| 36 x 48 | 151.00 | 36x48VC |
| 36 x 60 | 155.00 | 36x60VC |
| 36 x 72 | 161.00 | 36x72VC |
| 48 x 48 | 159.00 | 48x48VC |
| 48 x 60 | 170.00 | 48x60VC |
| 48 x 72 | 177.00 | 48x72VC |
| 48 x 96 | 263.00 | 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" | 583.00 | 12x18-MAX4SS | 711.00 | 12x18-MAX4CSL | 95 |
| 18 x 18 | up to 4" | 599.00 | 18x18-MAX4SS | 764.00 | 18x18-MAX4CSL | 95 |
| 18 x 24 | up to 4" | 614.00 | 18x24-MAX4SS | 779.00 | 18x24-MAX4CSL | 95 |
| 24 x 24 | up to 4" | 649.00 | 24x24-MAX4SS | 801.00 | 24x24-MAX4CSL | 100 |
| 24 x 36 | up to 4" | 757.00 | 24x36-MAX4SS | 896.00 | 24x36-MAX4CSL | 120 |
| 24 x 36 | 5" to 6" | 814.00 | 24x36-MAX6SS | 962.00 | 24x36-MAX6CSL | 200 |
| 24 x 48 | up to 6" | 845.00 | 24x48-MAX6SS | 1,029.00 | 24x48-MAX6CSL | 200 |
| 30 x 48 | up to 6" | 882.00 | 30x48-MAX6SS | 1,067.00 | 30x48-MAX6CSL | 220 |
| 36 x 36 | up to 6" | 874.00 | 36x36-MAX6SS | 1,053.00 | 36x36-MAX6CSL | 210 |
| 36 x 48 | up to 8" | 896.00 | 36x48-MAX8SS | 1,158.00 | 36x48-MAX8CSL | 225 |
| 36 x 60 | up to 8" | 985.00 | 36x60-MAX8SS | 1,251.00 | 36x60-MAX8CSL | 245 |
| 36 x 72 | up to 10" | 1,078.00 | 36x72-MAX10SS | 1,415.00 | 36x72-MAX10CSL | 260 |
| 48 x 48 | up to 8" | 1,065.00 | 48x48-MAX8SS | 1,368.00 | 48x48-MAX8CSL | 250 |
| 48 x 60 | up to 8" | 1,142.00 | 48x60-MAX8SS | 1,573.00 | 48x60-MAX8CSL | 275 |
| 48 x 72 | up to 10" | 1,280.00 | 48x72-MAX10SS | 1,730.00 | 48x72-MAX10CSL | 380 |
| 48 x 96 | up to 12" | 1,587.00 | 48x96-MAX12SS | 2,368.00 | 48x96-MAX12CSL | 530 |

STATE THICKNESS OF
PLATE WHEN ORDERING
COVERS
Standard color is black



IF TALLER STAND IS REQUIRED ADD \$30.00 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 | \$27.00 |
| Case of 12 | \$324.00 |
| Case = 15 lbs. | |

\$175.00 ORDER MINIMUM

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ISO 17025 ACCREDITED
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 \$30.00 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/maker 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 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

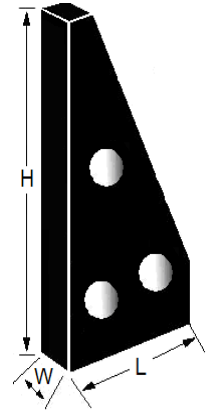
All granite products made to manufacturer's spec
available in custom sizes and thickness,
with threaded inserts, with or without lightening holes.



TRI-SQUARES

(ACCURACIES PER 6 INCHES)
PRICE EACH

| Size L x H x W | LABORATORY Grade AA .000050" | INSPECTION Grade A .0001" |
|-------------------|---------------------------------|------------------------------|
| | \$ Item# | \$ Item# |
| | 3-Face | 3-Face |
| 9 x 12 x 3 | 1,338.00 9X12X3AA3TS | 1,117.00 9X12X3A3TS |
| 9 x 18 x 3 | 1,560.00 9X18X3AA3TS | 1,269.00 9X18X3A3TS |
| 12 x 18 x 3 | 1,902.00 12X18X3AA3TS | 1,444.00 12X18X3A3TS |
| 18 x 24 x 3 | 3,355.00 18X24X3AA3TS | 2,669.00 18X24X3A3TS |
| 24 x 24 x 3 | 4,131.00 24X24X3AA3TS | 3,355.00 24X24X3A3TS |
| 24 x 36 x 3 | 4,527.00 24X36X3AA3TS | 3,843.00 24X36X3A3TS |
| | 4-Face | 4-Face |
| 9 x 12 x 3 | 1,700.00 9X12X3AA4TS | 1,419.00 9X12X3A4TS |
| 9 x 18 x 3 | 1,928.00 9X18X3AA4TS | 1,628.00 9X18X3A4TS |
| 12 x 18 x 3 | 2,320.00 12X18X3AA4TS | 1,918.00 12X18X3A4TS |
| 18 x 24 x 3 | 3,824.00 18X24X3AA4TS | 3,117.00 18X24X3A4TS |
| 24 x 24 x 3 | 4,664.00 24X24X3AA4TS | 3,854.00 24X24X3A4TS |
| 24 x 36 x 3 | 5,174.00 24X36X3AA4TS | 4,424.00 24X36X3A4TS |



3-Face

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

4-Face

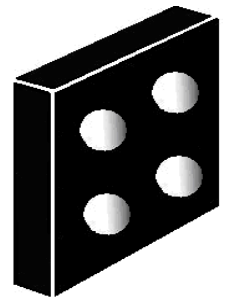
Two large faces flat
and parallel and two
edges flat and square
to each other and large
faces.

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

MASTER SQUARES

(ACCURACIES PER 6
INCHES)

| Size L x H x W | LABORATORY Grade AA .000050" | INSPECTION Grade A .0001" |
|-------------------|---------------------------------|------------------------------|
| | \$ Item# | \$ Item# |
| | 5-Face | 5-Face |
| 12 x 12 x 3 | 1,539.00 12X12X3AA5MS | 1,242.00 12X12X3A5MS |
| 14 x 14 x 3 | 1,911.00 14X14X3AA5MS | 1,458.00 14X14X3A5MS |
| 16 x 16 x 3 | 2,755.00 16X16X3AA5MS | 2,231.00 16X16X3A5MS |
| 18 x 18 x 3 | 3,247.00 18X18X3AA5MS | 2,626.00 18X18X3A5MS |
| 24 x 24 x 4 | 3,890.00 24X24X4AA5MS | 3,310.00 24X24X4A5MS |
| | 6-Face | 6-Face |
| 12 x 12 x 3 | 1,938.00 12X12X3AA6MS | 1,563.00 12X12X3A6MS |
| 14 x 14 x 3 | 2,410.00 14X14X3AA6MS | 1,838.00 14X14X3A6MS |
| 16 x 16 x 3 | 3,471.00 16X16X3AA6MS | 2,810.00 16X16X3A6MS |
| 18 x 18 x 3 | 4,092.00 18X18X3AA6MS | 3,310.00 18X18X3A6MS |
| 24 x 24 x 4 | 4,902.00 24X24X4AA6MS | 4,170.00 24X24X4A6MS |



5-Face

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

6-Face

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

Number of lightening holes
vary with size of square

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 | 470.00 | 21" x 17" x 8" | 12 lbs | Master Square | 12" x 12" x 3" |
| | | | | | Tri-Square | 9" x 12" x 3" |
| Carry | 1600 | 556.00 | 24" x 19.5" x 9" | 14 lbs | Master Square | 14" x 14" x 3" |
| | | | | | Tri-Square | 9" x 18" x 3" |
| Rolling | 1560 | 578.00 | 22" x 18" x 10.5" | 20 lbs | | 12" x 18" x 3" |
| | | | | | Master Square | 12" x 12" x 3" |
| | | | | | Tri-Square | 9" x 12" x 3" |
| | | | | | | 9" x 18" x 3" |
| | | | | | | 12" x 18" x 3" |

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BLACK GRANITE ACCESSORIES

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or equivalent national or international organization
ISO 17025 accredited cert available at extra charge

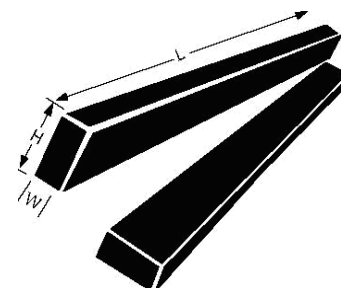
All granite products made to manufacturer's spec
available in custom sizes and thickness,
with threaded inserts, with or without lightening holes



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# |
| | 2-Face | 2-Face |
| ¾ x 1 x 6 | 333.00 .75X1X6AA2PL | 294.00 .75X1X6A2PL |
| 1 x 2 x 12 | 458.00 1X2X12AA2PL | 393.00 1X2X12A2PL |
| 1 ½ x 3 x 18 | 841.00 1.5X3X18AA2PL | 718.00 1.5X3X18A2PL |
| 1 ½ x 4 x 30 | 1,221.00 1.5X4X30AA2PL | 1,017.00 1.5X4X30A2PL |
| | 4-Face | 4-Face |
| ¾ x 1 x 6 | 416.00 .75X1X6AA4PL | 363.00 .75X1X6A4PL |
| 1 x 2 x 12 | 544.00 1X2X12AA4PL | 474.00 1X2X12A4PL |
| 1 ½ x 3 x 18 | 1,070.00 1.5X3X18AA4PL | 889.00 1.5X3X18A4PL |
| 1 ½ x 4 x 30 | 1,779.00 1.5X4X30AA4PL | 1,557.00 1.5X4X30A4PL |



2-Face

Two long narrow edges
flat and parallel to each other

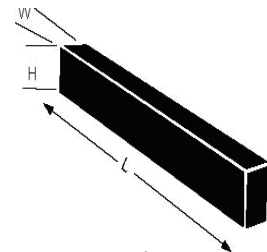
4-Face

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# |
| | 1-Face | 1-Face |
| 1 ½ x 4 x 24 | 614.00 1.5X4X24AASE | 519.00 1.5X4X24ASE |
| 1 ½ x 5 x 36 | 863.00 1.5X5X36AASE | 712.00 1.5X5X36ASE |
| 2 x 6 x 48 | 1,133.00 2X6X48AASE | 1,028.00 2X6X48ASE |
| | 2-Face | 2-Face |
| 1 ½ x 4 x 24 | 829.00 1.5X4X24AA2SE | 701.00 1.5X4X24A2SE |
| 1 ½ x 5 x 36 | 1,163.00 1.5X5X36AA2SE | 963.00 1.5X5X36A2SE |
| 2 x 6 x 48 | 1,528.00 2X6X48AA2SE | 1,390.00 2X6X48A2SE |



1-Face

Accuracy on one long narrow edge

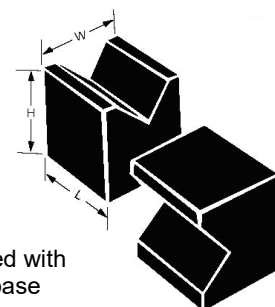
2-Face

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# |
| | V & Base | V & Base |
| 2 x 2 x 2 ½ | 870.00 2X2X2.5AAVBVB | 783.00 2X2X2.5AVBVB |
| 3 x 3 x 3 | 1,010.00 3X3X3AAVBVB | 899.00 3X3X3AVBVB |
| 4 x 4 x 4 | 1,150.00 4X4X4AAVBVB | 984.00 4X4X4AVBVB |
| 6 x 6 x 6 | 1,734.00 6X6X6AAVBVB | 1,535.00 6X6X6AVBVB |
| | Universal | Universal |
| 2 x 2 x 2 ½ | 1,409.00 2X2X2.5AAUVB | 1,150.00 2X2X2.5AUVB |
| 3 x 3 x 3 | 1,529.00 3X3X3AAUVB | 1,248.00 3X3X3AUVB |
| 4 x 4 x 4 | 1,663.00 4X4X4AAUVB | 1,483.00 4X4X4AUVB |
| 6 x 6 x 6 | 2,403.00 6X6X6AAUVB | 2,081.00 6X6X6AUVB |



"V & Base"

90° Vee centered with
and parallel to base

"Universal"

90° Vee centered with
and parallel to bottom
and four sides flat, square and
parallel.

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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



STEP BLOCKS

| 1" x 2" x 3" | LABORATORY Grade AA | INSPECTION Grade A |
|----------------------|------------------------|-----------------------|
| Overall accuracy | .000050" | .0001" |
| Size accuracy within | ±.0001" | ±.00015" |
| | \$ Item# | \$ Item# |
| Matched Pair | 891.00 123AASBPR | 776.00 123ASBPR |
| Individual Block | 535.00 123AASBEA | 466.00 123ASBEA |

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

6 faces finished flat, sized,
square, and parallel.



ANGLE PLATES

(ACCURACIES PER 6 INCHES
PRICE EACH)

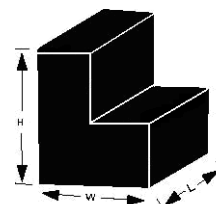
| SIZE | LABORATORY Grade AA .000050" | INSPECTION Grade A .0001" |
|------------|------------------------------------|---------------------------------|
| W x H x L | \$ Item# | \$ Item# |
| | 2-Face | 2-Face |
| 4 x 4 x 4 | 416.00 4X4X4AA2AP | 364.00 4X4X4A2AP |
| 4½ x 6 x 6 | 457.00 4.5X6X6AA2AP | 392.00 4.5X6X6A2AP |
| 6 x 6 x 6 | 614.00 6X6X6AA2AP | 519.00 6X6X6A2AP |
| 6 x 9 x 12 | 1,221.00 6X9X12AA2AP | 1,011.00 6X9X12A2AP |
| | 4-Face | 4-Face |
| 4 x 4 x 4 | 544.00 4X4X4AA4AP | 457.00 4X4X4A4AP |
| 4½ x 6 x 6 | 757.00 4.5X6X6AA4AP | 632.00 4.5X6X6A4AP |
| 6 x 6 x 6 | 801.00 6X6X6AA4AP | 682.00 6X6X6A4AP |
| 6 x 9 x 12 | 1,838.00 6X9X12AA4AP | 1,500.00 6X9X12A4AP |

2-Face

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

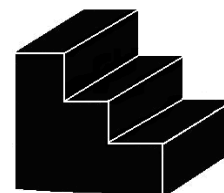
4-Face

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



Style for 6 x 6 x 6
or smaller

Style for 6 x 9 x 12
or larger



INSERTED ANGLE PLATES

(ACCURACIES PER 6 INCHES
PRICE EACH)

| SIZE | LABORATORY Grade AA .000050" | INSPECTION Grade A .0001" |
|------------|------------------------------------|---------------------------------|
| W x H x L | \$ Item# | \$ Item# |
| | 2-Face | 2-Face |
| 4 x 4 x 4 | 1,221.00 4X4X4AA2IAP | 1,090.00 4X4X4A2IAP |
| 6 x 6 x 6 | 1,383.00 6X6X6AA2IAP | 1,262.00 6X6X6A2IAP |
| 6 x 9 x 12 | 4,005.00 6X9X12AA2IAP | 3,064.00 6X9X12A2IAP |
| | 4-Face | 4-Face |
| 4 x 4 x 4 | 1,317.00 4X4X4AA4IAP | 1,171.00 4X4X4A4IAP |
| 6 x 6 x 6 | 1,746.00 6X6X6AA4IAP | 1,599.00 6X6X6A4IAP |
| 6 x 9 x 12 | 4,396.00 6X9X12AA4IAP | 3,741.00 6X9X12A4IAP |



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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ISO 17025 ACCREDITED
ISO 9001 CERTIFIED

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

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

Includes 1.250" 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 1.250" dia. x 10" high and 1.250" dia. x 18" high columns.
For 18" columns, add \$200.00 to the list price.

STANDARD
CLAMP
FOR LUG BACK
INDICATOR

COMPARATOR
STAND
"Standard
Location"
rectangular plate



| PLATE Size Inches | LABORATORY Grade AA | | | INSPECTION Grade A | | | TOOLROOM Grade B | | | SHIP WT |
|----------------------|------------------------|----------|------------------------|-----------------------|------------------------|--------|------------------------|----|------------------------|------------|
| | W x L x T | \$ | Overall accuracy Item# | \$ | Overall accuracy Item# | \$ | Overall accuracy Item# | \$ | Overall accuracy Item# | |
| 6 x 6 x 2 | | 525.00 | .000050" 6X6X2AASTCS | 468.00 | .0001" 6X6X2ASTCS | 433.00 | .0002" 6X6X2BSTCS | | | 18 |
| 8 x 12 x 2 | | 540.00 | .000050" 8X12X2AASTCS | 483.00 | .0001" 8X12X2ASTCS | 451.00 | .0002" 8X12X2BSTCS | | | 35 |
| 9 x 12 x 3 | | 648.00 | .000050" 9X12X3AASTCS | 582.00 | .0001" 9X12X3ASTCS | 504.00 | .0002" 9X12X3BSTCS | | | 50 |
| 12 x 18 x 2 | | 703.00 | .000050" 12X18X2AASTCS | 627.00 | .0001" 12X18X2ASTCS | 554.00 | .0002" 12X18X2BSTCS | | | 63 |
| 18 x 24 x 3 | | 1,154.00 | .000075" 18X24X3AASTCS | 990.00 | .000150" 18X24X3ASTCS | 793.00 | .0003" 18X24X3BSTCS | | | 167 |

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

Includes 1.250" or 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 1.250" or 1.365" dia. x 10" high and 1.250" dia. x 18" high columns.
For 18" columns, add \$240.00 to the list price.

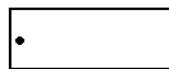
SPECIAL
POST AND CLAMP
ACCEPTS
STEM DROP
INDICATOR



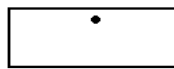
| PLATE Size Inches | LABORATORY Grade AA | | | INSPECTION Grade A | | | TOOLROOM Grade B | | | SHIP WT |
|----------------------|------------------------|----------|------------------------|-----------------------|------------------------|----------|------------------------|----|------------------------|------------|
| | W x L x T | \$ | Overall accuracy Item# | \$ | Overall accuracy Item# | \$ | Overall accuracy Item# | \$ | Overall accuracy Item# | |
| 9 x 12 x 3 | | 1,103.00 | .000050" 9X12X3AASPCS | 1,043.00 | .0001" 9X12X3ASPCS | 958.00 | .0002" 9X12X3BSPCS | | | 56 |
| 12 x 18 x 2 | | 1,160.00 | .000050" 12X18X2AASPCS | 1,086.00 | .0001" 12X18X2ASPCS | 1,011.00 | .0002" 12X18X2BSPCS | | | 69 |
| 18 x 24 x 3 | | 1,610.00 | .000075" 18X24X3AASPCS | 1,448.00 | .000150" 18X24X3ASPCS | 1,249.00 | .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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