Thorlabs Post Holder Bases

Last updated: July 30, 2016
URL: `https://www.thorlabs.hk/newgrouppage9.cfm?objectgroup_ID=47`

1 Brief description

Baseplates with slots that can be locked down to the optical breadboard with a 1/4 screw and washer.

We usually use the BA1 baseplates, imperial. These have two slots and it's easier to fix the baseplate along the breadboard holes. We also have some of the BA1S plates.

2 Technical Specifications

BA1S

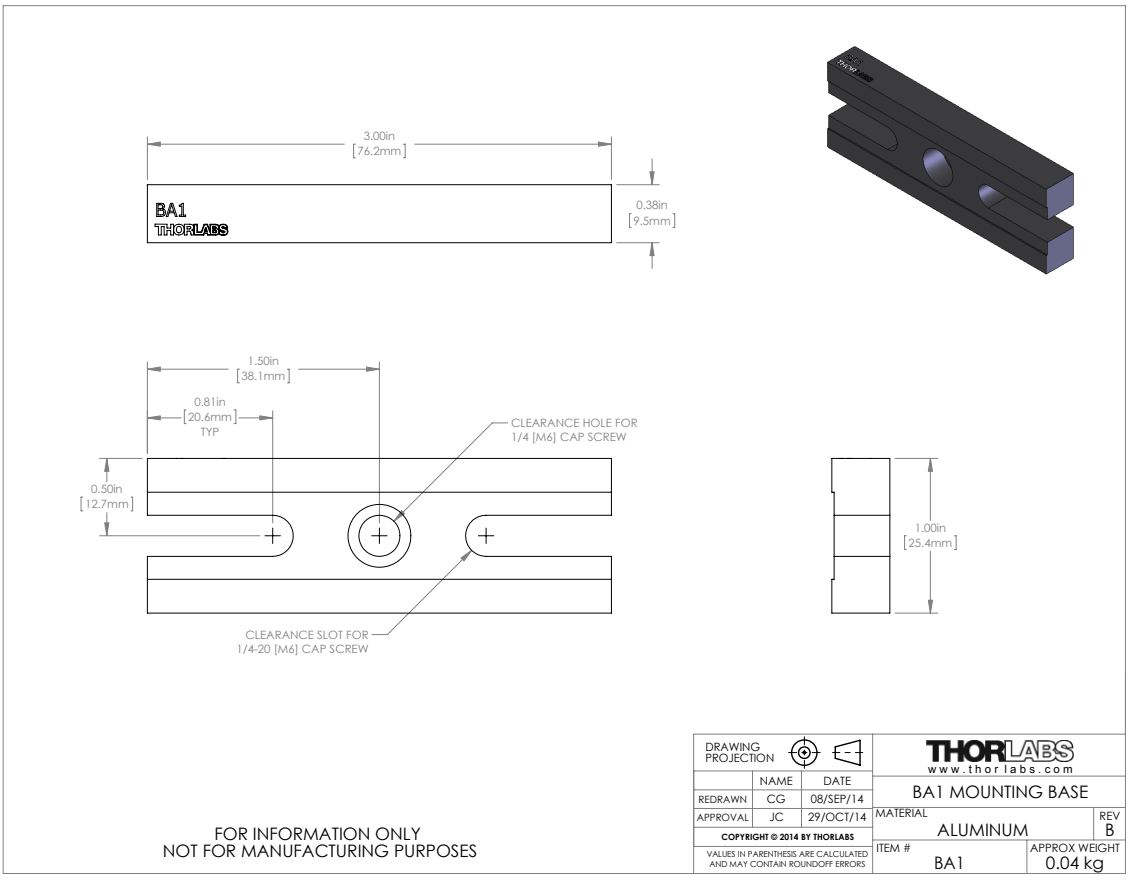
Slots	1
Slot length	1.10" (27.9 mm)
Dimensions	1" x 2.3" x 3/8" (25 x 58 x 10 mm)

BA1

Slots	1
Slot length	0.81" (20.1 mm)
Dimensions	1" x 3" x 3/8" (25 x 75 x 10 mm)

BA2

Slots	2
Slot length	1.25" (31.8 mm)
Dimensions	2" x 3" x 3/8" (50 x 75 x 10 mm)


3.00in
[76.2mm]
BA1
THORLABS
0.38in
[9.5mm]
1.50in
[38.1mm]
0.81in
[20.6mm]
TYP
CLEARANCE HOLE FOR
1/4 [M6] CAP SCREW
0.50in
[12.7mm]
CLEARANCE SLOT FOR
1/4-20 [M6] CAP SCREW
1.00in
[25.4mm]
DRAWING PROJECTION
NAME
DATE
REDRAWN
CG
08/SEP/14
APPROVAL
JC
29/OCT/14
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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS
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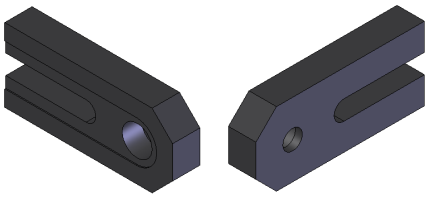
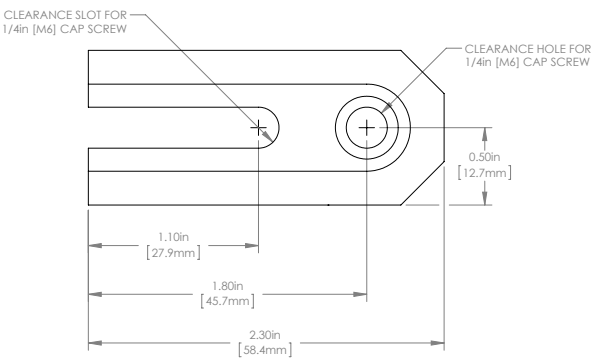
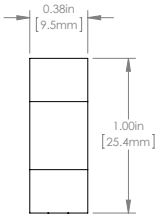
BA1 MOUNTING BASE
MATERIAL
ALUMINUM
REV
B
ITEM #
BA1
APPROX WEIGHT
0.04 kg
FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

BA1







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DRAWING PROJECTION		
	NAME	DATE
REDRAWN	CG	08/SEP/14
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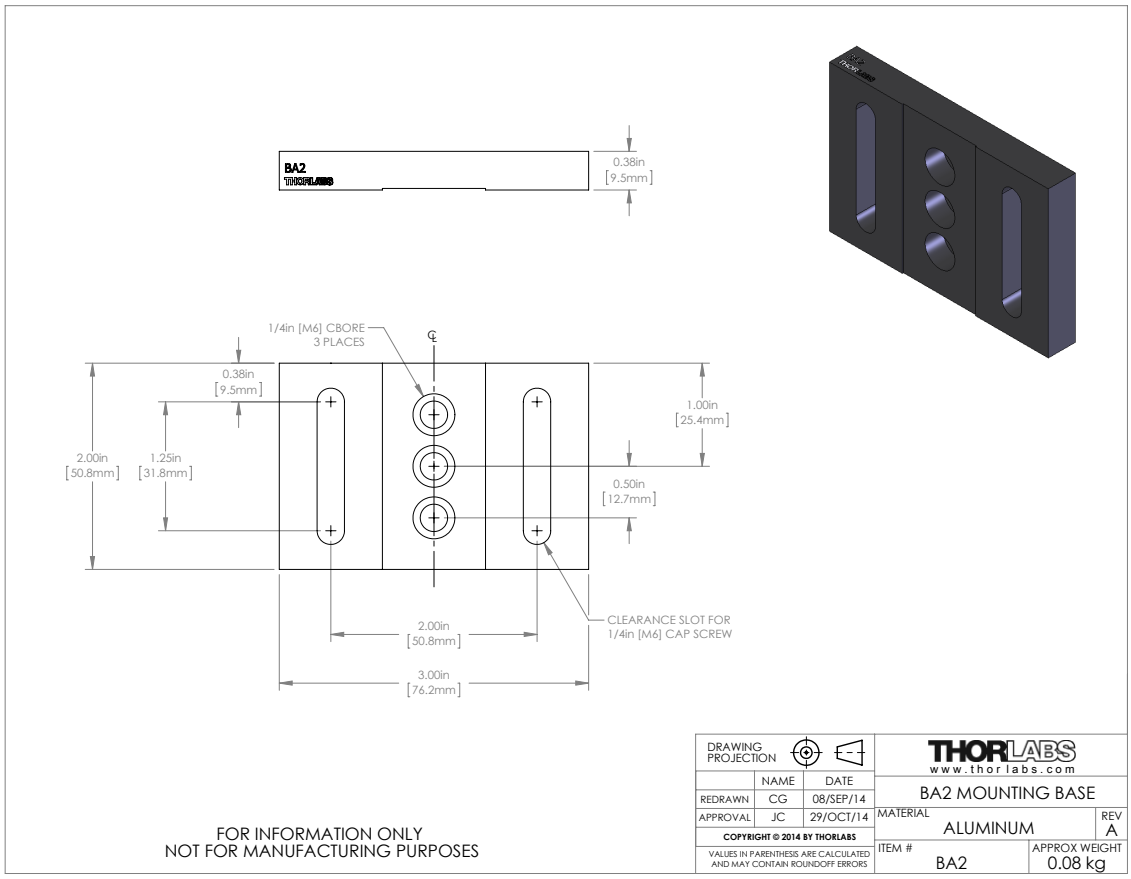
BA1S MOUNTING PLATE

MATERIAL	REV
ALUMINUM	B

ITEM #	APPROX WEIGHT
BA1S	0.02 kg

BA1S


BA2
0.38in
[9.5mm]
1/4in [M6] CBORE
3 PLACES
0.38in
[9.5mm]
2.00in
[50.8mm]
1.25in
[31.8mm]
1.00in
[25.4mm]
0.50in
[12.7mm]
2.00in
[50.8mm]
3.00in
[76.2mm]
CLEARANCE SLOT FOR
1/4in [M6] CAP SCREW
DRAWING PROJECTION
NAME
DATE
REDRAWN
CG
08/SEP/14
APPROVAL
JC
29/OCT/14
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BA2 MOUNTING BASE
MATERIAL
ALUMINUM
REV
A
ITEM #
BA2
APPROX WEIGHT
0.08 kg
FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

BA2