

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

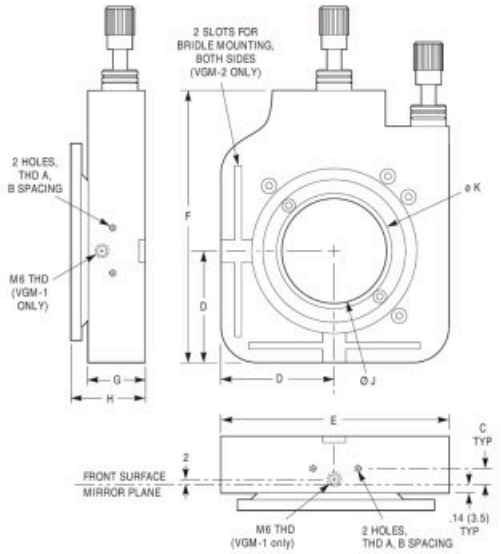
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

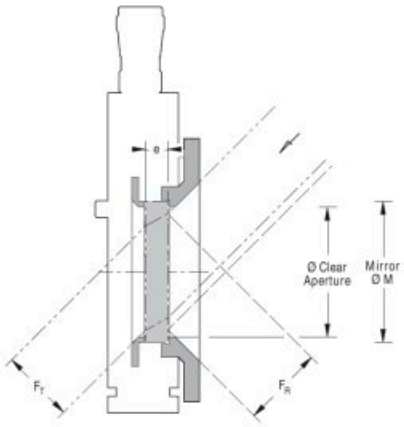
Expert team | Trust guarantee | 100% satisfaction

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VGM Series





Model	Thread A	Dimensions [in. (mm)] B	C	D	E	F	G	H	J	K
VGM-1	M3	0.787 (20)	0.28 (7)	1.28 (32.5)	2.83 (72)	3.43 (94.6)	0.91 (23)	1.20 (30.5)	0.83 (21)	1.0 (25.4)
VGM-2	M4	2.480 (63)	0.43 (11)	1.97 (50)	4.02 (102)	4.59 (116.5)	0.98 (25)	1.28 (32.5)	1.81 (46)	2.0 (50.8)

600A Series

Precision Kinematic Optical Mounts



- Convertible to left-handed and right-handed versions
- Mounting compatible with both metric and English Newport tables
- Third actuator capability for pure translation of optic without tilt
- 7° range, up to 0.2 arc sec resolution

600A Series Optical Mounts are designed to offer even greater versatility and functionality. The baseplate is detachable, which allows you to convert your mount to a left-handed version. Additionally, a third actuator can replace the pivot bearing to provide pure translation without tilt, eliminating the need for an additional linear stage.

The mount possesses sound mechanical designs, including hardened inserts at the contact points of the kinematic mount. For higher resolution, the mounts may be fitted with 100-TPI AJS Series Adjustment Screws or DM-13 Differential Micrometers. For automated applications, the 600A Series Mounts are compatible with all of Newport's motorized actuators.

Ordering Information

Model	Description
600A-2R	Kinematic Mount for 2 in. (50.8 mm) diameter optics
600A-4R	Kinematic Mount for 4 in. (101.6 mm) diameter mirrors

Adaptors

Model	Description
A-2-1	2 to 1 in. (50.8 to 25.4 mm) Optic Adaptor
A-2-1.5	2 to 1.5 in. (50.8 to 38.1 mm) Optic Adaptor
A-4-3	4 to 3 in. (101.6 to 76.2 mm) Optic Adaptor

The standard SM-13 micrometers can be replaced by assorted manual and motorized drives. Please see the Manual Actuators Chapter.



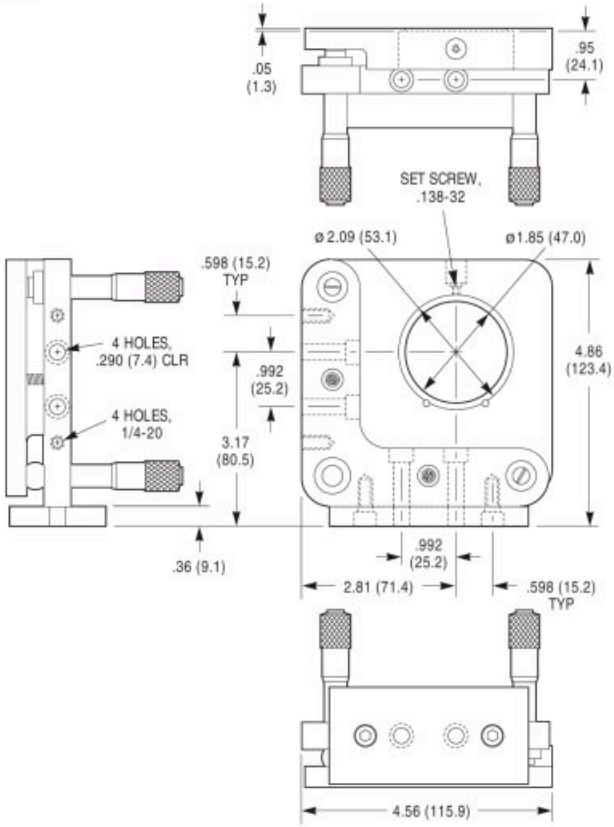
A third actuator (ordered separately) can replace the pivot bearing to provide pure translation without tilt, eliminating the need for an additional linear stage.



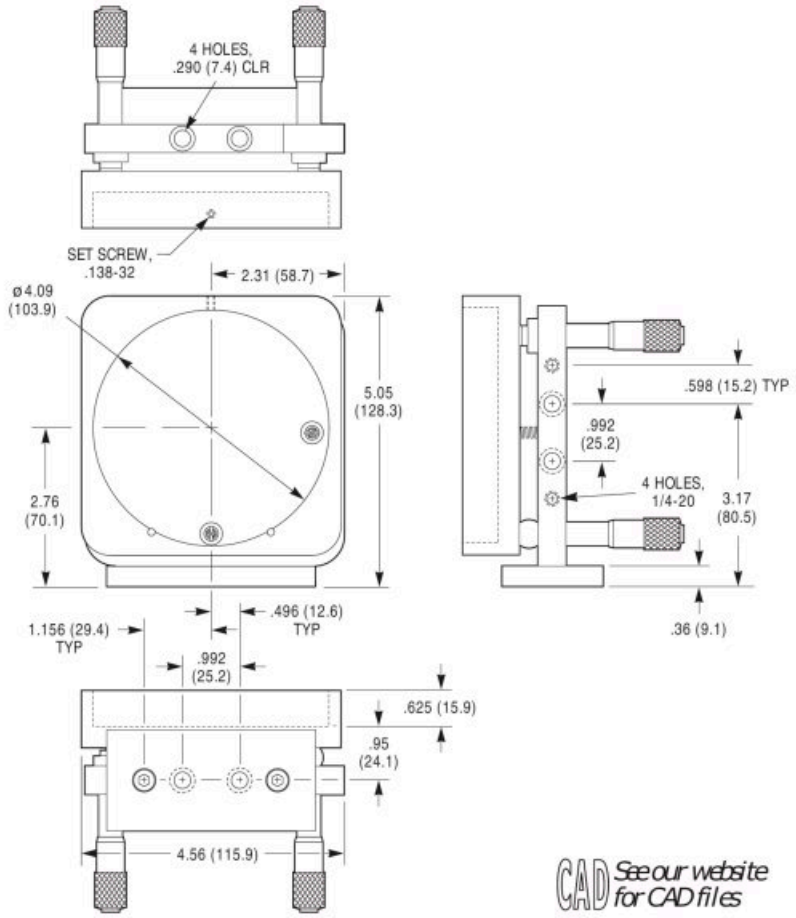
Laser Line Dielectric Mirrors see page 526

Newport Experience | Solutions

Model 600A-2R

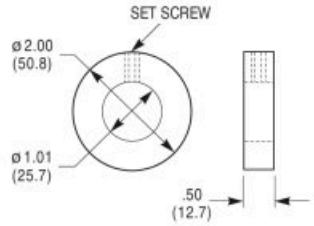


Model 600A-4R

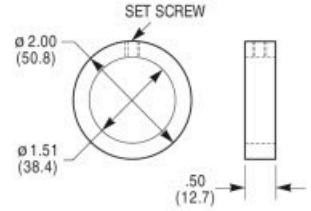


CAD *See our website for CAD files*

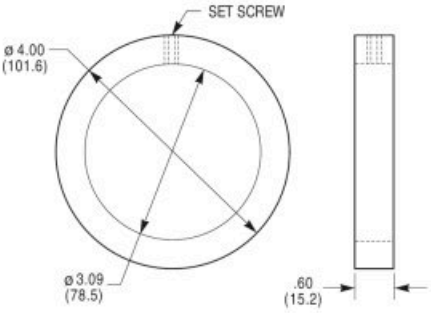
A-2-1 Adaptor for 600A-2R



A-2-1.5 Adaptor for 600A-2R



A-4-3 Adaptor for 600A-4R



Related Products



DM-13 differential micrometer (see page 928)



AJS Series adjustment screws (see page 921)



Broadband Dielectric Mirrors (see page 524)

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

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