

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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Adjustment Screw, 100 TPI, 12.7 mm Travel, Small Knob, Side Lock



Overview

The AJS100-0.5 Adjustment Screw has precision rolled threads for exceptionally smooth adjustment and higher sensitivity than standard micrometers. The AJS100-0.5 offers 0.5 inch (12.7 mm) precision travel obtained with included small adjustment knob, ideal for use with Newport optical mounts, stages, and most micrometer-compatible components. With sub-micron sensitivity, they are a cost-effective alternative to micrometers where position readout is not required. High-precision 100 TPI, rolled stainless steel threads are mated with the collet and proprietary lubricant for stictionless movement. The standard 0.375 in. (9.5 mm) diameter collet is threaded with a nut for mounting to optical mounts and stages. A lock screw on the side secures the adjustment screw from turning. This product is also available in 10-piece saving pack AJS100-0.5-PK .

Technical Specs

Travel Range	12.7 mm	**Lock**	Side Lock
Adjustment Screw Thread	1/4-100	**Tip Style**	Ball
Drive Type	Knob	**Sensitivity**	0.71 µm
Axial Load Capacity	90 N		

Compare	Description	Drawings, CAD & Specs	Avail.	Price
	**271** Lab Jack, 44.5 mm Travel, 4.375 x 6.5 in. Platform, 200 lb., 1/4-20 and M6		In Stock	$819
	**9950** Optical Pedestal Spacer Set, (3) 0.25 in. and (6) 0.125 in. Spacers		In Stock	$69

Similar

Compare	Description	Drawings, CAD & Specs	Avail.	Price
	**SM-13** Vernier Micrometer, 13 mm Travel, 9 lb. Load Capacity, 50.8 TPI		In Stock	$84
	**AJS100-0.5K** Adjustment Screw, 100 TPI, 12.7 mm Travel, Large Knob, Side Lock		In Stock	$32
	**AJS100-0.5K-NL** Adjustment Screw, 100 TPI, 12.7 mm Travel, Large Knob		In Stock	$24
	**BM11.16** Micrometer Head, Standard Resolution, 16 mm Travel, 9 lb. Load		2 Weeks	$186
	**DM-13L** Lockable Differential Micrometer, 13 mm Coarse, 0.2 mm Fine, 11 lb.		In Stock	$580
	**DM-13** Differential Micrometer Head, 13.0 mm Coarse, 0.2 mm Fine, 5 lb. Load		In Stock	$541
	**AJS20-0.5** Adjustment Screw, 20 TPI, 12.7 mm Travel, Small Knob, Side Lock		In Stock	$45
	**HR-13** Micrometer Head, High Resolution, 0.5 µm Sensitivity, 13 mm Travel		In Stock	$182
	**TRA12CC** Motorized Actuator, Miniature, 12 mm Travel, DC Servo motor		In Stock	$833

Compatible

Compare	Description	Drawings, CAD & Specs	Avail.	Price
	**U400-AC** Mirror Mount, ULTIMA®, Center, 4.0 in., No Actuators		In Stock	$407
	**U100-G** Gimbal Mirror Mount, ULTIMA®, Center, 1.0 in. Diameter, No Actuators		In Stock	$156
	**460A-X** Manual Linear Stage, Quick-Mount, 0.5 in. Travel, 1/4-20 Thread		In Stock	$183
	**U100-A** Mirror Mount, ULTIMA®, Clear Edge, 1.0 in., No Actuators		In Stock	$97

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

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

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

ARTISAN® TECHNOLOGY GROUP