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TECHNOLOGY GROUP

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

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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

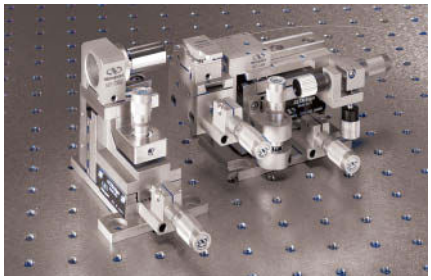
Expert team | Trust guarantee | 100% satisfaction

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Find the *Newport 561-OBJ* at our website: ***Click HERE***

561/562 Series

ULTRAlign™ Fiber Alignment Accessories



Ordering Information

Model (Metric)	Description
561-FH	Bare Fiber Holder for 125 μm Fibers
561-FC	Fiber Chuck Holder, 0.25 inch, 561 Series
561-RFC	Fiber Chuck Rotation Mount
561-GM	Gimbal Fiber Chuck Positioner, 561 Series
561-FCH	FC Connectorized Fiber Holder
561-SCH	SC Connectorized Fiber Holder
561-LCH	LC Connectorized Fiber Holder, 561 Series
561-FCA3	SMA Connectorized Fiber Holder with Rotation
561-FCA4	FC Connectorized Fiber Holder with Rotation
561-FCA6	ST Connectorized Fiber Holder with Rotation
561-FCA9	SC Connectorized Fiber Holder with Rotation
561-MM	Optical Module Mount, 561 Series
561-V1	V-Groove Module, 1–1.75 mm
561-V2	V-Groove Module, 2–2.75 mm
561-V3	V-Groove Module, 3 & 3.25 mm
561-BL1	Ball Lens Module, 1 mm, 561 Series
561-BL2	Ball Lens Module, 2 mm, 561 Series
561-BL3	Ball Lens Module, 3 mm, 561 Series
561-GR	Gradient Index (GRIN) Lens Mount, 561 Series
561-OBJ	Objective Lens Mount
561-VH	Vacuum Waveguide Mount
561-UM (M-561-UM)	Universal Module, 561/562 Rail
561-GBM	Blank, GRIN Lens Mount, 561 Series
561-OBM	Blank, Objective Lens Mount
561-UST	561 Fixed Platform, Universal Stand
561-TS	561 Fixed Platform, Narrow Profile T-Stand
562-UST	562 Fixed Platform, Universal Stand
562-TS	562 Fixed Platform, Narrow Profile T-Stand
561-ADPT	Adaptor, Raises 561 Stage to 562 Height
561-PCH	Photonic Crystal Fiber Mount Kit
561-PCH-M	Photonic Crystal Fiber Mount
561-PCH-V	Photonic Crystal Fiber V-Block
FPH-S-.175	Photonic Crystal Fiber Chuck
561-RAIL-1	Dovetail rail for ULTRAlign positioning system; 25.4 mm length
562-RAIL-3.7	562 Dovetail Rail for 562F-TILT Stages



Bare fiber holder—561-FH

Bare Fiber Holder

- Improved design for 125 μm diameter bare fibers
- Fiber gently held in precision V-groove



Fiber chuck holder—561-FC

Fiber Chuck Holder

- Designed to hold 0.25 in. (6.35 mm) diameter fiber chucks
- Mounts all Newport fiber chucks (see page 460)

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Fiber chuck rotation mount—561-RFC

Fiber Chuck Rotation Mount

- Designed to hold 0.25 in. (6.35 mm) diameter fiber chucks
- Rotation of 360° in θ_X, Sensitivity of 2°



Gimbal fiber chuck positioner—561-GM

Gimbal Fiber Chuck Positioner

- Designed to hold 0.25 in. (6.35 mm) diameter fiber chucks
- Rotation of 360° in θ_X, Tilt of ±5° in $\theta_Y\theta_Z$
- Sensitivity of 2° in θ_X, ±12 arc sec in $\theta_Y\theta_Z$



Connectorized fiber holder
561-FCH *(for FC connector)*
561-SCH *(for SC connector)*
561-LCH *(for LC connector)*

Connectorized Fiber Holders

- Mounts FC, SC, or LC connectorized fibers



Connectorized fiber holder with rotation
561-FCA3 *(for SMA connector)*
561-FCA4 *(for FC connector)*
561-FCA6 *(for ST connector)*
561-FCA9 *(for SC connector)*

Connectorized Fiber Holders with Rotation

- Mounts SMA, FC, ST, or SC connectorized fibers
- Fiber can be rotated 360° in holder



Photonic Crystal Fiber Kit includes mount, v-groove and fiber chuck—561-PCH

Photonic Crystal Fiber Mount

- Designed to hold short lengths of Photonic Crystal Fiber
- V-groove accepts 120-160 μm diameter bare fibers
- Small fiber chuck accepts 80-200 μm diameter bare fibers



Module Mount—561-MM

Module Mount

- Accepts modules for holding ball lenses, GRIN lenses, fiber collimators, and fiber ferrules
- Optics and devices are gently held in modules

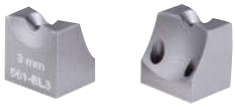
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V-Groove Modules—561-V1, 561-V2, and 561-V3

V-Groove Modules

- Modules for holding 1 to 3.25 mm diameter cylindrical devices
- Ideal for GRIN lenses, fiber collimators, and fiber ferrules
- Gently held in 561-MM Module Mount



Ball Lens Modules—561-BL1, 561-BL2, and 561-BL3

Ball Lens Modules

- Modules for holding 1, 2, or 3 mm diameter ball lenses
- Gently held in 561-MM Module Mount



Gradient index (GRIN) lens mount—561-GR

Gradient Index (GRIN) Lens Mount

- Mounts GRIN lenses up to 4.5 mm diameter
- Lenses held in a V-groove with a nylon-tipped setscrew



Objective lens mount—561-OBJ

Objective Lens Mount

- Mounts microscope and laser diode objective lenses
- Standard 0.800-36 RMS thread



Vacuum waveguide mount—561-VH

Vacuum Waveguide Mount

- One to eight vacuum ports can be used to mount small to large devices
- Requires a user supplied vacuum pump



Universal module—561-UM (M-561-UM)

Universal Module

- Use to mount custom component holders on the 561/562 rail



Blank, GRIN lens mount—561-GBM

Blank Mounts

- Machine to create custom component holders to mount on 561/562 rail

Universal Stand

- Fixed platform to mount a component next to a positioning stage



Blank, objective lens mount—561-OBM

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Universal stand—561-UST



Universal stand—562-UST



T-stand—561-TS



T-stand—562-TS



561 to 562 Height adaptor—561-ADPT

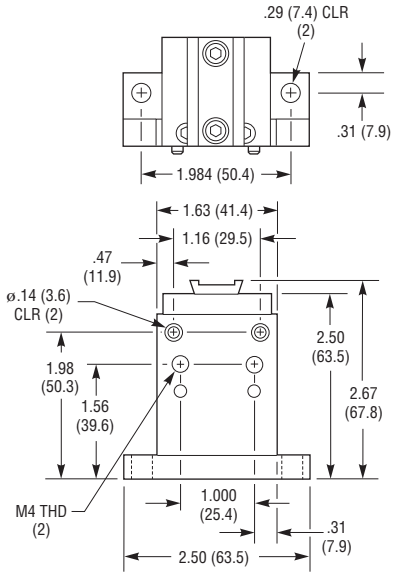
T-Stand

- Fixed platform to mount a component between two positioning stages

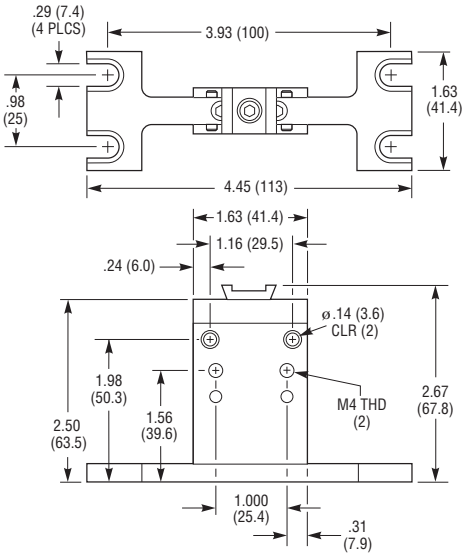
561 to 562 Height Adaptor

- Raises 561 stages to 562 stage height
- For use with 561-XYZ and 561-YZ

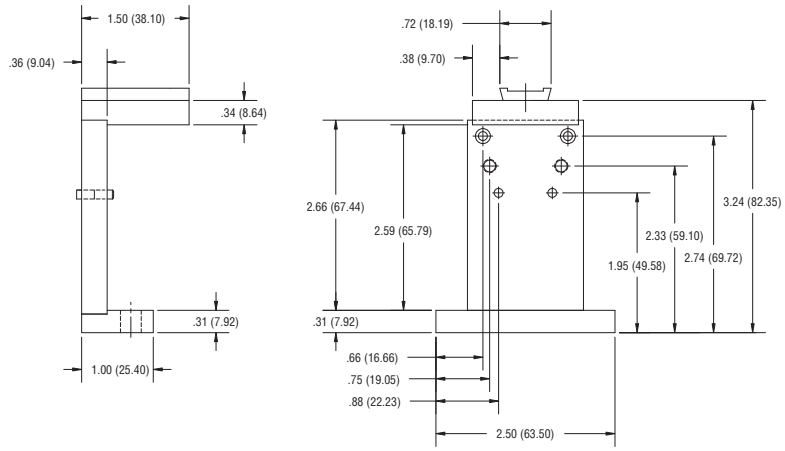
Model 561-UST



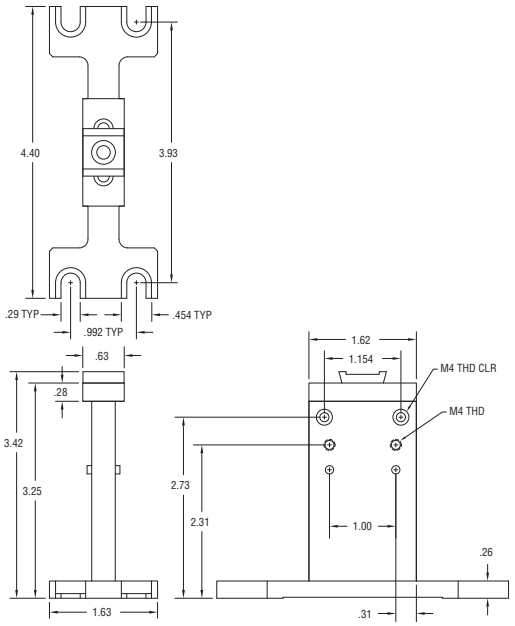
Model 561-TS



Model 562-UST



Model 562-TS



For additional drawings of these products, see www.newport.com.

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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

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

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