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Find the *Newport SN100C-F2K* at our website: *Click HERE*

The Classic SUPREMA is the industry's highest performing optical mount featuring stainless steel construction, locking 127-TPI adjusters that are removable, and Newport's original clear edge aperture innovation.

- Stainless steel construction for superior stiffness and stability
- Time-tested and Industry-proven deisgn
- High-sensitivity adjustment screw options
- Precision-polished ultra-hard carbide pads
- Clear edge and closed aperture designs
- Modular, exchangeable actuators

See All Features



Compare	Model	Drawings, CAD & Specs	Availability	Price
 (/p/SN050-F3N)	**(/p/SN050-F3N) SN050-F3N (/p/SN050-F3N)** Suprema Clear Edge Mirror Mount, 0.5 in., (3) 100 TPI Allen-Keys		In Stock	$118
 (/p/SN100C-F2K)	**(/p/SN100C-F2K) SN100C-F2K (/p/SN100C-F2K)** Suprema Clear Edge Mirror Mount, 1.0 in, (2) 127-TPI Locking Actuators		In Stock	$136
 (/p/SN100C-F3K)	**(/p/SN100C-F3K) SN100C-F3K (/p/SN100C-F3K)** Suprema Clear Edge Mirror Mount, 1.0 in, (3) 127-TPI Locking Actuators		In Stock	$152
 (/p/SN200-F2K)	**(/p/SN200-F2K) SN200-F2K (/p/SN200-F2K)** Suprema Clear Edge Mirror Mount, 2.0 in., (2) Locking Actuators		In Stock	$212
 (/p/SN200-F3K)	**(/p/SN200-F3K) SN200-F3K (/p/SN200-F3K)** Suprema Clear Edge Mirror Mount, 2.0 in., (3) Locking Actuators		In Stock	$234
 (/p/SS050-F3N)	**(/p/SS050-F3N) SS050-F3N (/p/SS050-F3N)** Suprema Optical Mirror Mount, 0.5 in., (3) 100-TPI Allen-Key Actuators		In Stock	$107
 (/p/SU100-F2K)	**(/p/SU100-F2K) SU100-F2K (/p/SU100-F2K)** Suprema Stainless Steel Mirror Mount, 1.0 in, (2) 100-TPI Locking Actuators		In Stock	$123
 (/p/SU100-F3K)	**(/p/SU100-F3K) SU100-F3K (/p/SU100-F3K)** Suprema Stainless Steel Mirror Mount, 1.0 in, (3) 100-TPI Locking Act.		In Stock	$133

Notes:

For additional configurations of these mounts, click here (https://www.newport.com/f/suprema-low-drift-mirror-mounts#accessories)

Specifications

Mechanism	Kinematic	**Material**	Stainless Steel

Features

Unmatched Performance

The Classic SUPREMA is the industry's best performing modular optical mount, setting the standard for stability and adjustability in today's demanding research and industrial applications. Suprema mounts provide the feel necessary to tune the most sensitive set-ups and the stability to hold that position better than any other mount on the market.

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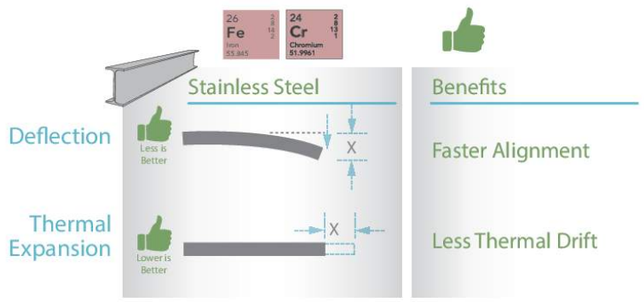
In-Process Heat Treatment

Every Suprema mount is heat treated as part of the fabrication process. Heat treating relieves the build up of fabrication stresses which improve the overall stability of the mount.

Precision Polished Carbide Pads

Suprema SN100 and SU100 series mirror mounts are made with super hard 10 µ-in. precision-polished tungsten carbide kinematic pads ensuring a highly stable kinematic mechanism.





The Stainless Steel Advantage

All Suprema mirror mounts are made from stainless steel making them the most stable and easiest to align. Stainless steel is 3X stiffer than aluminum so it flexes significantly less allowing easier alignment. Stainless steel's coefficient of thermal expansion is lower than aluminum making it more stable during temperature fluctuations. Stainless steel makes Suprema the flag ship of Newport's mirror mount offering.

127-TPI Adjusters - Now Standard

All SN100 series mounts are equipped our AJS 127-TPI locking adjustment screws. This gives them an angular range of ± 7° and provides a 27% improvement in adjustment sensitivity over competing mounts having 100-TPI adjusters. Better adjustability means faster, easier alignment.



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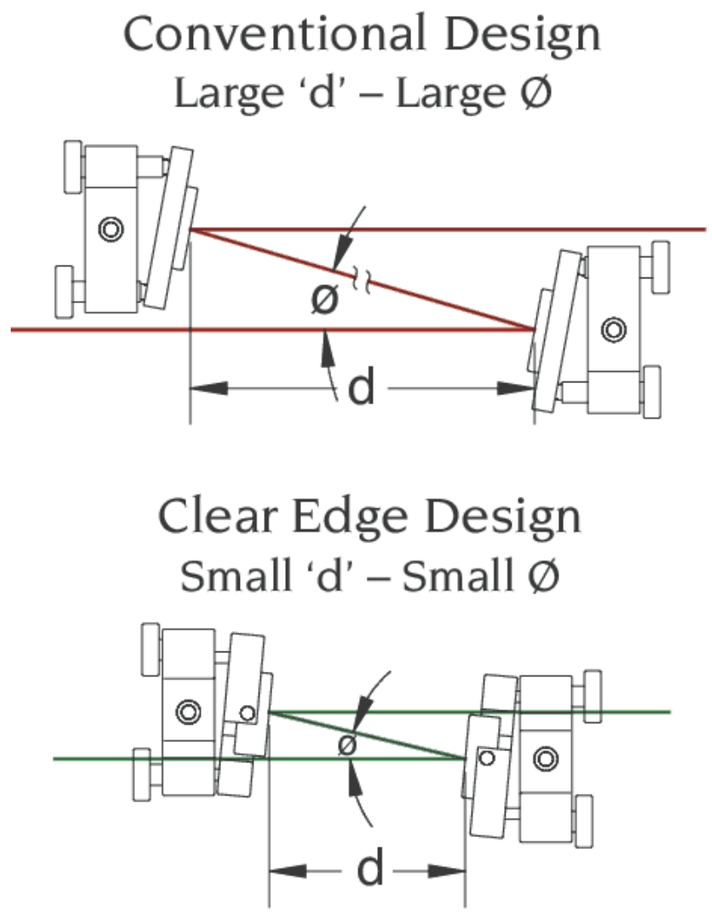


Removable Actuators

The Suprema SU100 and SN100 design allows actuators to be removed and installed with ease. Loosening the lock nut lets the actuator gently slide out from the mount enabling reconfiguration for specific applications. This industry-standard 9.5-mm bore allows many different types of actuators to be used with these versatile mirror mounts. Suprema mounts are compatible not only with standard actuator screws, but also with micrometers, Allen-key adjusters and differential micrometers.

The Clear Edge Advantage

With the Clear Edge design, beams can be reflected from one mount to another at smaller incident angles (Φ) taking less space between the mounts (d). Clear Edge Mounts are also ideal for compensating for pulse dispersion effects through multiple reflections on Chirped Mirrors.





Save 10% More With 10 Packs

When you are starting a new lab and you want the best for less, the SU100 as well as SN100C Suprema mirror mounts are sold in cost-saving packs of 10, providing a built-in discount of 10%. See list below for available options:

- SN100C-F2K-PK (SN100C-F2K-PK) - Clear Edge version with 2 Actuators
- SU100-F2K-PK (SU100-F2K-PK) - Full Aperture version with 2 Actuators
- SU100-F3K-PK (SU100-F3K-PK) - Full Aperture version with 3 Actuators

Check out all the cost-saving packs at www.newport.com/packs (http://www.newport.com/packs).

Accessories

Left Handed Versions

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/SN050-R3N)	**SN050-R3N (/p/SN050-R3N)** Suprema Clear Edge Rear Load Mirror Mount, 0.5 in., (3) 100-TPI Allen		In Stock	$118
 (/p/SN100C-R2K-LH)	**SN100C-R2K-LH (/p/SN100C-R2K-LH)** Suprema Clear Edge Mirror Mount, 1.0 in., (2) 127-TPI Locking Act., LH		In Stock	$136

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/SN200-R2K-LH)	**SN200-R2K-LH (/p/SN200-R2K-LH)** Suprema Clear Edge Rear Load Mirror Mount, 2.0 in, 2 Locking Act., LH		In Stock	$212
(/p/SN200-R3K-LH)	**SN200-R3K-LH (/p/SN200-R3K-LH)** Suprema Clear Edge Rear Load Mirror Mount, 2.0 in, 3 Locking Act., LH		In Stock	$234
(/p/SS050-R3N)	**SS050-R3N (/p/SS050-R3N)** Suprema Rear Loading Mirror Mount, 0.5 in., (3) 100-TPI Allen-Key		In Stock	$107

Locking Hex-Key Versions

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/SN100C-F2H)	**SN100C-F2H (/p/SN100C-F2H)** Suprema Clear Edge Mirror Mount, 1.0 in., (2) 127-TPI Locking Hex Key		In Stock	$136
(/p/SN100C-F3H)	**SN100C-F3H (/p/SN100C-F3H)** Suprema Clear Edge Mirror Mount, 1.0 in., (3) 127-TPI Locking Hex Key		1 Week	$152

No Actuator Version

The following mounts do not come with any actuators.

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/SN100C-R-LH)	**SN100C-R-LH (/p/SN100C-R-LH)** Suprema Clear Edge Rear Load Mirror Mount, 1.0 in., No Adjusters, LH		In Stock	$111
(/p/SN100-F)	**SN100-F (/p/SN100-F)** Suprema Clear Edge Mirror Mount, 1.0 in. Diameter, No Actuators		In Stock	$111
(/p/SN200-F)	**SN200-F (/p/SN200-F)** Suprema Clear Edge Mirror Mount, 2.0 in. Diameter, No Actuators		In Stock	$161
(/p/SN200-R-LH)	**SN200-R-LH (/p/SN200-R-LH)** Suprema Clear Edge Rear Load Mirror Mount, 2.0 in., No Actuators, LH		In Stock	$161

Low Wavefront Distortion Suprema Mounts

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/SU100W-F2K-127)	**SU100W-F2K-127 (/p/SU100W-F2K-127)** Suprema LWD Mirror Mount, 1.0 in, (2) 127-TPI Locking Knob Actuators		In Stock	$233
(/p/SU100W-F3K-127)	**SU100W-F3K-127 (/p/SU100W-F3K-127)** Suprema LWD Mirror Mount, 1.0 in, (3) 127-TPI Locking Knob Actuators		In Stock	$243

Cost-saving 10 Packs

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/SN100C-F2K-PK)	**SN100C-F2K-PK (/p/SN100C-F2K-PK)** Cost-Saving Pack of 10 ea. Suprema Clear Edge Mirror Mount, 1.0 in, (2) 127-TPI Locking Actuators		In Stock	$1,217

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Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/SU100-F2K-PK)	**SU100-F2K-PK (/p/SU100-F2K-PK)** Cost-Saving Pack of 10 ea. Suprema Mirror Mount, 1.0 in, (2) 100-TPI Locking Actuators		In Stock	$1,107
(/p/SU100-F3K-PK)	**SU100-F3K-PK (/p/SU100-F3K-PK)** Cost-Saving Pack of 10 ea. Suprema Mirror Mount, 1.0 in, (3) 100-TPI Locking Actuators		In Stock	$1,197

Precision Spacers

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/SP-KT)	**SP-KT (/p/SP-KT)** Precision Optical Post/Pedestal Spacer Kit		In Stock	$211
(/p/PS-0.125)	**PS-0.125 (/p/PS-0.125)** Optical Pedestal Spacer, 0.125 in. Thick, 1 in. Dia., 8-32 (M4) CLR		In Stock	$8
(/p/PS-0.063)	**PS-0.063 (/p/PS-0.063)** Optical Pedestal Spacer, 0.0625 in. Thick, 1 in. Dia., 8-32 (M4) CLR		In Stock	$7
(/p/PS-0.031)	**PS-0.031 (/p/PS-0.031)** Optical Pedestal Spacer, 0.03125 in. Thick, 1 in. Dia., 8-32 (M4) CLR		In Stock	$7
(/p/PS-0.25)	**PS-0.25 (/p/PS-0.25)** Optical Pedestal Spacer, 0.250 in. Thick, 1 in. Dia., 8-32 (M4) CLR		In Stock	$8

Additional Stainless Steel Mounts

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/MFM-050-HR)	**MFM-050-HR (/p/MFM-050-HR)** Flexure Industrial Optical Mount, 0.5 in., 100-TPI Hex Adjustment x 2		In Stock	$131
(/p/MFM-100-LC)	**MFM-100-LC (/p/MFM-100-LC)** Mirror Mount LaserClean, Ø1.0 in.		In Stock	$152
(/p/Q-SS100-R3HN)	**Q-SS100-R3HN (/p/Q-SS100-R3HN)** Kinematic Optic Mount, 1.0 in., Stainless Steel, Aegis Qube System		In Stock	$131
(/p/9876-K)	**9876-K (/p/9876-K)** Tiny Corner Mirror Mount, 0.5 in., 3 Allen-Key Adjustment		In Stock	$123

Optic Adaptors

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/UPA-SMA)	**UPA-SMA (/p/UPA-SMA)** Fiber Adaptor, SMA, 25.4 mm Diameter, 5.1 mm Thick		In Stock	$33
(/p/UPA-CH1)	**UPA-CH1 (/p/UPA-CH1)** Cube Beamsplitter Holder, 1 inch, For U100A Mount		In Stock	$75

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Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/UPA-FC)	**UPA-FC (/p/UPA-FC)** 0.250 in. Fiber Chuck Adaptor for 1 in. Optic Mounts		In Stock	$19
(/p/UPA-45D1)	**UPA-45D1 (/p/UPA-45D1)** 1 in. (25.4 mm) 45° Mirror Holder		In Stock	$45

Screw Actuators

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/CP-0.5)	**CP-0.5 (/p/CP-0.5)** Pivot Insert, SN / SX Suprema Optical Mirror Mounts		In Stock	$19
(/p/AJS170-0.5K-NL)	**AJS170-0.5K-NL (/p/AJS170-0.5K-NL)** Precision 170 TPI Adjustment Screw, 12.7 mm Travel, Large Knob		In Stock	$54
(/p/AJS254-0.5K-NL)	**AJS254-0.5K-NL (/p/AJS254-0.5K-NL)** Adjustment Screw, 254 TPI, 12.7 mm, 280 nm Sensitivity, Large Knob		In Stock	$65
(/p/AJS254-0.5H-NL)	**AJS254-0.5H-NL (/p/AJS254-0.5H-NL)** Ultra-fine Hex Adjustment Screw, 254 TPI, 12.7 mm, 280 nm Sensitivity		In Stock	$65

Micrometer Actuators

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/AJS127-0.5K)	**AJS127-0.5K (/p/AJS127-0.5K)** Precision 127 TPI Adjustment Screw, 12.7 mm, Large Knob, Side Lock		In Stock	$43
(/p/AJS100-0.5K)	**AJS100-0.5K (/p/AJS100-0.5K)** Precision 100 TPI Adjustment Screw, 12.7 mm, Large Knob, Side Lock		In Stock	$30
(/p/SM-13)	**SM-13 (/p/SM-13)** Vernier Micrometer, 13 mm Travel, 9 lb Load Capacity, 50.8 TPI		In Stock	$77
(/p/HR-13)	**HR-13 (/p/HR-13)** High Resolution Micrometer, 0.5 µm Sensitivity, 13 mm Travel		In Stock	$168
(/p/DM-13)	**DM-13 (/p/DM-13)** Differential Micrometer, 13.0 mm Coarse, 0.2 mm Fine, 5 lb. Load		In Stock	$502
(/p/DM-13L)	**DM-13L (/p/DM-13L)** Lockable Differential Micrometer, 13 mm Coarse, 0.2 mm Fine, 11 lb.		In Stock	$540

Related Products

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(/f/ultima-clear-edge-mirror-mounts)



(/f/1.5-in.-magnetic-base-optical-pedestal-pillars)

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