



ORDER DESCRIPTION

1. Object of the contract

The subject of the order is delivery of small mechanical elements listed below by name and quantity needed:

- Optical table with M6 threaded holes – 1 pc.
- Right-Angle Kinematic Elliptical Mirror Mount – 4 pcs.
- Elliptical Mirror– 4 pcs.
- Right-Angle Prism Mirror– 4 pcs.
- Platform Mount for 10 mm Beamsplitters and Right-Angle Prisms – 4 pcs.
- Post Holder– 6 pcs.
- Optical Post– 6 pcs.
- Construction bar with a diameter of 6 mm and a length of 3"– 6 pcs.
- Construction bar with a diameter of 4 mm and a length of 2" – 20 pcs.
- XY Translating Lens Mount for diameter of 1" Optics– 1 pc.
- Cage plate adapter – 3 pcs.
- Cage Plate with M9 x 0.5 Internal Threads – 2 pcs.
- Optic Mount Adapter – 1 pc.
- Adapter with External M4 Threads and External M3 Threads – 4 pcs.

2. Parameters

2.1. Detailed scope of the subject

Product name	Parameter	Specification
Optical table with M6 threaded holes	<ul style="list-style-type: none">• Length• Width• Thickness• Grid-based openings grid• Thread in holes	<ul style="list-style-type: none">• 600 mm• 300 mm• 55 mm• 25 mm• M6 x 1,0 mm
Right-Angle Kinematic Elliptical Mirror Mount	<ul style="list-style-type: none">• Diameter of hole for mounting optics• Diameter of clear aperture• 4 mounting holes for rods• 1 mounting hole• Length of 1 mounting hole	<ul style="list-style-type: none">• Ø12,7 mm• Ø9,5 mm• 4-40• M4x0,7 mm• 6,4 mm
Elliptical Mirror	<ul style="list-style-type: none">• Diameter• Tolerance of diameter• Thickness	<ul style="list-style-type: none">• Ø12,7 mm• ±0,1mm• 6 mm



	<ul style="list-style-type: none"> • Tolerance of thickness • Material • Surface quality • Surface flatness • Coating 	<ul style="list-style-type: none"> • $\pm 0,2$ mm • UV Grade Fused Silica • 40-20 • $\lambda/10$ (633nm) • protected gold
Prism mirror	<ul style="list-style-type: none"> • Length • Width • Thickness • Angle • Material • Surface quality • Surface flatness • Coating 	<ul style="list-style-type: none"> • 10 mm • 10 mm • 10 mm • 45° • N-BK7 • 40-20 • $\lambda/10$ (633nm) • protected gold
Platform Mount for 10 mm Right-Angle Prisms	<ul style="list-style-type: none"> • Length • Width • Thickness • Clamping pocket dimension • Mounting hole • Length of mounting hole 	<ul style="list-style-type: none"> • 15,2mm • 14 mm • 6,6 mm • 10 x 10 mm • M3 x 0,5 mm • 3,8 mm
Post holder	<ul style="list-style-type: none"> • Diameter • Height • Thread of the mounting bolt to the ground • Compatible with 1/2" diameter optical post 	<ul style="list-style-type: none"> • $\varnothing 25$ mm • 100 mm • M6 x 1,0 mm
Optical post	<ul style="list-style-type: none"> • Diameter • Height • Lower screw thread • Top screw thread 	<ul style="list-style-type: none"> • $\varnothing 12,7$ mm • 100 mm • M6 • M4
Construction bar with a diameter of 6 mm and a length of 3"	<ul style="list-style-type: none"> • Bar diameter • Bar length • Tapped holes at the ends of the bars 	<ul style="list-style-type: none"> • $\varnothing 6$ mm • 3" • 4-40
Construction bar with a diameter of 4 mm and a length of 2"	<ul style="list-style-type: none"> • Bar diameter • Bar length • Tapped holes at the ends of the bars 	<ul style="list-style-type: none"> • $\varnothing 4$ mm • 2" • 4-40
XY Translating Lens Mount for diameter of 1" Optics	<ul style="list-style-type: none"> • Height • Width • Thickness • Diameter hole for construction bar 	<ul style="list-style-type: none"> • 54,6 mm • 54,6 mm • 18,5 mm • $\varnothing 6$ mm



	<ul style="list-style-type: none"> • Symmetrical spacing of 4 holes for construction rods • Displacement per screw rotation • Diameter of hole for mounting optics 	<ul style="list-style-type: none"> • 30 mm • 0,25 mm/rev • $\varnothing 1,035''$ - 40
Cage plate adapter	<ul style="list-style-type: none"> • Length • Width • Thickness • Symmetrical spacing of 4 holes $\varnothing 6$ • Symmetrical spacing of 4 holes $\varnothing 4$ 	<ul style="list-style-type: none"> • 40,6 mm • 40,6 mm • 8,9 mm • 30 mm • 16 mm
Cage Plate with M9 x 0.5 Internal Threads	<ul style="list-style-type: none"> • Length • Width • Thickness • Symmetrical spacing of 4 holes $\varnothing 6$ 	<ul style="list-style-type: none"> • 40,6 mm • 40,6 mm • 8,9 mm • 30 mm
Optic Mount Adapter	<ul style="list-style-type: none"> • Totally length • Roller length from site of bigger hole • Inside diameter of the bigger hole • Hole depth of the bigger hole • Inside diameter of the smaller hole • Outside diameter on the side of the larger hole • Diameter of the threaded screw on the side of the smaller hole 	<ul style="list-style-type: none"> • 19,1 mm • 14 mm • $\varnothing 25,4$ mm • 12,8 mm • $\varnothing 22,9$ mm • $\varnothing 33$ mm • $\varnothing 1,035''$ - 40
Adapter with External M4 Threads and External M3 Threads	<ul style="list-style-type: none"> • Length • Smaller screw thread • Length of the smaller screw thread • Bigger screw thread • Length of the bigger screw thread • Width of flat profile for screwdriver • Depth of flat profile for screwdriver 	<ul style="list-style-type: none"> • 9,7 mm • 2,8 mm • M3 x 0,5 • 5,9 mm • M4 x 0,7 • 0,8 mm • 0,8 mm