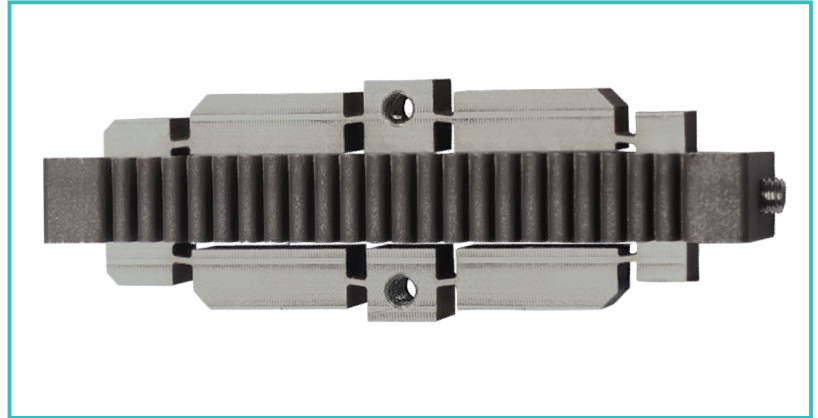


Features:

- High stiffness
- Preloaded for dynamic operations
- Simple mounting
- Flexure guides for zero play

Applications:

- Precision optical alignment
- Fast focus
- Nanopositioning
- High speed switching



APA-220U with preloading shell

Specifications:

Max. free stroke	220 μm
Stiffness	0.34 $\text{N}/\mu\text{m}$
Blocked force	75 N
Weight	52 gr
Size	60x20x17
Actuator Type	Stacked Piezo Actuator
Drive Voltage	150 V
Sensor	Strain Gauge
Capacitance	3.5 μF
Operating Temperature	-40 ... +65 $^{\circ}\text{C}$
Preload force	400 N
First resonance frequency (without load, fixed from one end)	200 Hz

Note: This product is customizable for different sizes, strokes and frequencies.

