

# SERVO SYSTEMS CO.

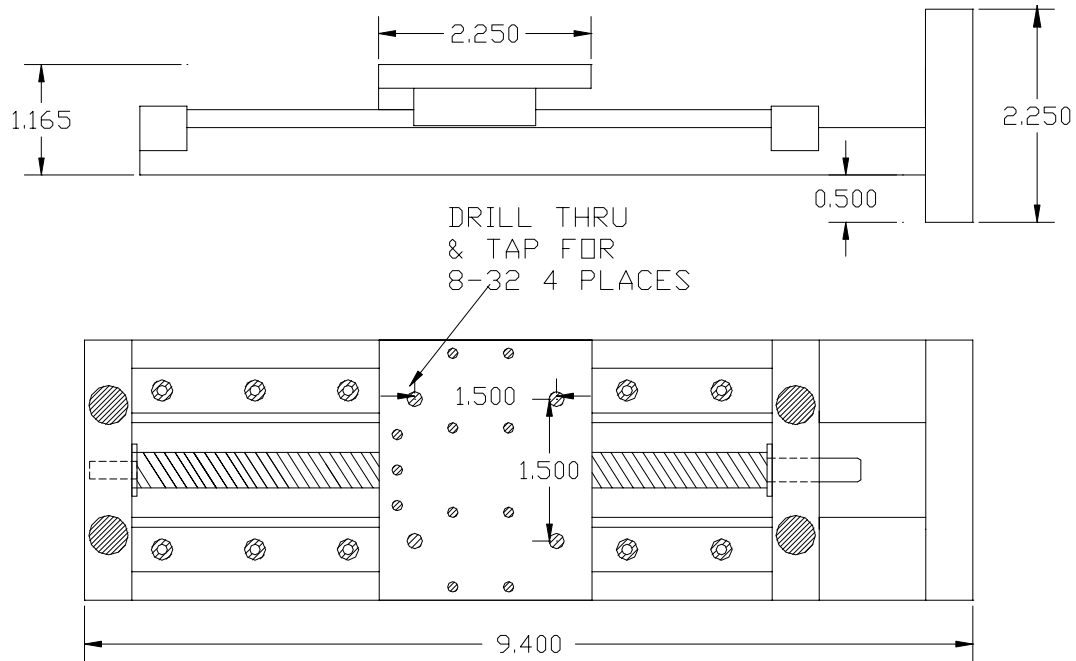
## Low Profile Series Miniature Linear Stages

**Model:** MLPS-4-10 (Old Model)

**Description:** 4 inch travel linear stage with anti-backlash lead-screw assembly, profiled linear rails, and two (one per rail) linear bearings

**Motor Mount:** Standard NEMA 23

**Dimensions:**



4.513-IN STROKE

**Specifications:**

<b>Unit Weight</b>	<b>2.5 lb.</b>	<b>Linear Speed</b>	15 in./sec.
<b>Moving Mass</b>	0.376 lb.	<b>Leadscrew Efficiency</b>	81%
<b>Travel Length</b>	4.65 in.	<b>Bidirectional Repeatability</b>	0.0005 in.
<b>Screw Inertia</b>	7.808E-06 lb.-in.-sec. <sup>2</sup>	<b>Pricing Information</b>	<b>MLPS-4-10: \$411.00 ea.</b>
<b>Axial Moment (Mo)</b>	90.26 in.-lb.	<b>Optional Accessories</b>	<b>LPS-MCH</b> Manual Crank Handle: \$78.00 ea. <b>LPS-MSH</b> Motor Shaft Crank Handle - fits 1/4" rear motor shaft: \$63.00 ea.
<b>Perpendicular Moments (Mx &amp; My)</b>	48.60 in.-lb.		
<b>Maximum Dynamic Load</b>	10 lb.		
<b>Payload</b>	9.5 lb.		
<b>Drag Torque</b>	3 oz.-in.		
<b>Standard Lead</b>	0.5 in./rev.		

