



HYBRID LINEAR ACTUATORS

High Performance Stepper Motor Linear Actuators

LEAD SCREW

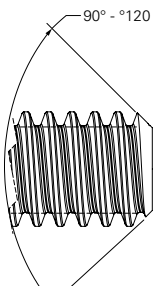
Material	300 Series Stainless Steel
Available Coatings	PTFE - For use with Acetal nuts
	Ceramic Coating - for use with bronze nuts
	FNC - For use with bronze or acetal nuts
Standard Lead Accuracy [in/ft (µm/300 mm)]	0.010 (250)
Precision Lead Accuracy [in/ft (µm/300 mm)]	0.003 (75)
Straightness [in/ft (µm/300 mm)]	0.005 (125)

LEAD SCREW NUT

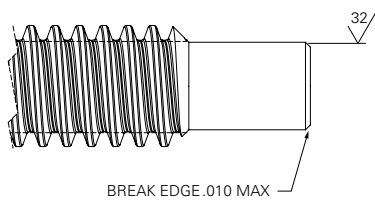
Standard Material	Helix Precision Acetal (internally Lubricated)
High Performance Material	Helix Precision Thermoplastic (internally Lubricated)
Extreme Strength Material	Helix Bronze
Nut Efficiency (2)	14-86
Typical Linear Travel Life [in (km)]	10 x 10 ⁶ (250)

END MACHINING FOR LEAD SCREWS*

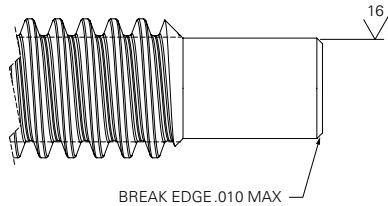
Standard Edge Break



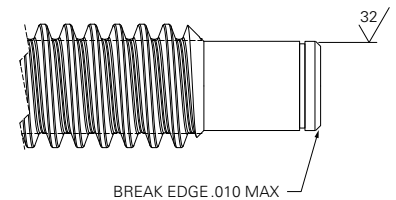
Turned Journal



Ground Journal



Snap Ring Groove



*Visit helixlinear.com for end machining templates.