

ENSL DIMENSIONAL CAPABILITIES				
PARAMETER	UNITS	RANGE	UNCERTAINTY	STANDARD
LENGTH	inches (in)	0.10 to 4.0 in	$\pm 2 \mu$ in	Starrett RC81LM Gage Block Set
		Block Compare	± 5 to 20μ in	Federal 232 Measurement System
		0 to 1 in	$\pm 10 \mu$ in	Pratt & Whitney Model 48" LMM Laser Measuring Machine
		1 to 4 in	$\pm 25 \mu$ in	"
		4 to 6 in	$\pm 35 \mu$ in	"
		6 to 24 in	$\pm 75 \mu$ in	"
		24 to 48 in	$\pm 100 \mu$ in	"
FLATNESS	inches (in)	11.5 μ in	$\pm 6 \mu$ in	Starrett OFD-4 Optical Flat Set
ANGULAR	degrees and seconds	0 to 89° 59'	± 0.5 secs	Starrett AS11SI Angel Block Set
ROUGHNESS	inches (in)	7 to 12 μ in	$\pm 1.5 \mu$ in	AirTronics 18041 Precision Roughness Standards
HARDNESS	Mean Hardness	27 to 84 Mean Hardness	± 0.5	Rockwell Hardness Test Block