

Material	$\alpha$ (in/(in•°F))	Original Length (feet)	Change in Temperature 0°F to 300°F (°F)	Change in Length (feet)
2014-T6 Aluminum	0.00001310	25	300	0.098250
1045 Steel	0.00000722	25	300	0.054150
Copper	0.00001030	25	300	0.077250
Titanium Ti-6Al-4V (Grade 5), Annealed	0.00000539	25	300	0.040425