



Standard Pulley Tolerances

Outside Diameter	Up to 1 inch	+0.002, -0.000
	1-2 inches	+0.003, -0.000
	2-4 inches	+0.004, -0.000
	4-7 inches	+0.005, -0.000
	7-12 inches	+0.006, -0.000
	12-20 inches	+0.007, -0.000
	20 and over	+0.008, -0.000
Outside Diameter/ Metric Timing Pulleys T2.5, T5, T10, AT5, AT10		+0.000, -0.003
Bore	Up to 1 inch	+0.001, -0.000
	1-2 inches	+0.0015 -0.000
	2-3 inches	+0.002, -0.000
	3 and over	+0.0025, -0.000
Keyway Width (W)	Up through 1/2"	+0.002, -0.000
	Over 1/2" to and including 1"	+0.003, -0.000
	Over 1"	+0.004, -0.000
Keyway Depth (t)	All Sizes	+0.015, -0.000
Overall Length		+0.015, -0.015
Flange O.D		+0.015, -0.015
Belt Width		+0.015, -0.015
Face Width		+0.015, -0.015
Hub Diameter		+0.015, -0.015
Radial Runout (TIR)	Up to 8 inches in O.D. Add for each inch over 8" O.D.	0.005, 0.0005
Axial Runout (TIR)	O.D. 1 inches and under. Add for each inch over 1" O.D.	0.001, 0.001
Helix Angle (TIR)	Grooves should be parallel to the axis of the bore within 0.001 inch per inch of width.	
Taper	Maximum permissible taper on outside diameter is 0.001 inch per inch of face width but must not exceed the O.D Tolerance.	