

# PFEIFER INDUSTRIES, LLC.

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## Timing Belt Pulley - Tolerances (General)

<b>Timing Belt Pulley Outside Diameter (O.D.)</b>	Up to 1" inch	$\frac{+0.002''}{-0.000''}$
	1" - 2" inches	$\frac{+0.003''}{-0.000''}$
	2" - 4" inches	$\frac{+0.004''}{-0.000''}$
	4" - 7" inches	$\frac{+0.005''}{-0.000''}$
	7" - 12" inches	$\frac{+0.006''}{-0.000''}$
	12" - 20" inches	$\frac{+0.007''}{-0.000''}$
	20" inches and Over	$\frac{+0.008''}{-0.000''}$

<b>Straight Bore</b>	Up to 1" inch	$\frac{+0.001''}{-0.000''}$
	1" - 2" inches	$\frac{+0.0015''}{-0.000''}$
	2" - 3" inches	$\frac{+0.002''}{-0.000''}$
	3" inches and Over	$\frac{+0.0025''}{-0.000''}$

<b>Overall Length</b>	$\frac{+0.015''}{-0.015''}$
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<b>Timing Belt Guide Flange Outside Diameter (O.D.)</b>	$\frac{+0.015''}{-0.015''}$
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<b>Timing Belt Width</b>	$\frac{+0.015''}{-0.015''}$
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<b>Face Width</b>	$\frac{+0.015''}{-0.015''}$
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<b>Hub Diameter</b>	$\frac{+0.015''}{-0.015''}$
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<b>Radial Runout (TIR) [O.D.]</b>	Up to 8" inches in O.D. Add for each inch over 8" inches O.D.	0.005" add 0.0005"
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<b>Axial Runout (TIR) [Face]</b>	O.D. 1" inch and Under Add for each inch over 1" inches O.D.	0.001" add 0.001"
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<b>Helix Angle (TIR)</b>	Grooves should be parallel to the axis of the bore within 0.001" per inch of pulley groove face width	
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<b>Taper</b>	Maximum permissible taper on the O.D. is 0.001" inch per inch of face width but must not exceed the O.D. tolerance	
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