

PFEIFER INDUSTRIES, LLC.

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STANDARD TIMING BELT PULLEY TOLERANCES

Outside Diameter	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	$\frac{+0.008}{-0.000}$

Straight Bore	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	$\frac{+0.0025}{-0.000}$

Overall Length	$\frac{+0.015}{-0.015}$
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Flange O.D.	$\frac{+0.015}{-0.015}$
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Belt Width	$\frac{+0.015}{-0.015}$
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Face Width	$\frac{+0.015}{-0.015}$
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Hub Diameter	$\frac{+0.015}{-0.015}$
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Radial Runout (TIR)	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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Axial Runout (TIR)	O.D. 1" inch and Under Add for each inch over 1" inches O.D.	0.001 add 0.001
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Helix Angle (TIR)	Grooves should be parallel to the axis of the bore within 0.001" per inch of pulley groove face width	
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Taper	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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