



# Standard UBR Belting Tolerances

**Length** Note: All belt lengths ordered are considered Inside Circumference length unless otherwise stated.

Inches	Inches	Inches	Millimeters	Millimeters	Millimeters
0.000 to 19.685	Contact Factory		0 to 499.99	Contact Factory	
19.685 to 59.094 +/-	0.276		500 to 1500.99 +/-	7	
59.094 to 98.464 +/-	0.394		1501 to 2500.99 +/-	10	
98.465 to 196.889 +/-	0.591		2501 to 5000.99 +/-	15	
196.890 to 393.740 +/-	0.787		5001 to 10000.99 +/-	20	
393.740 to 39370.079 +/-	0.2%		10001 to 1000000 +/-	0.2%	

Matched sets: Standard overall length tolerances will apply. Variance within the matched set is not to exceed 0.2%.

**Width \* / \*\***

Inches	Inches	Inches	Millimeters	Millimeters	Millimeters
0.000 to 0.393	Contact Factory		0 to 9.99	Contact Factory	
0.394 to 3.976 +/-	0.039		10 to 100.99 +/-	1	
3.976 to 7.913 +/-	0.079		101 to 200.99 +/-	2	
7.913 to 19.724 +/-	0.118		201 to 500.99 +/-	3	
19.724 to 39.409 +/-	0.157		501 to 1000.99 +/-	4	
39.409 to 157.480 +/-	0.197		1001 to 4000 +/-	5	

Please note, the above tolerance represents our standard allowable variation. If your application requires more stringent tolerance you may request that the variation be adjusted over the noted span. For example, on a 600 mm wide belt you may request a tolerance of +0-8 mm or; +2-6 mm.

- \* Belt width tolerance on all cleated, V guided (except engineered), and sidewall belting is: -0+.118" (-0/+3 mm)
- \*\* Belt width tolerance on "BF" types 351000, 351005, 351010, 351015, 351100, 351105, 351110 and 351115, is: -.063" / +0 (-1.6 / +0 mm)

**Other Tolerances:**

	Inches	Millimeters
Cleat Placement: +/-	0.079 (On intended position)	+/- 2

NOTE: Cleats will be evenly distributed over belt length if stated pitch does not correspond to ordered belt length. Tolerance is on intended position, therefore inside distance in between cleats can vary +/- 4 mm total.

	Inches	Millimeters
Cleat indents *** ~	-0/+.118	~ -0/+3

\*\*\* Indents are considered areas void of cleat including any projecting base or foot of said cleat.

	Inches	Millimeters
Cleat gaps ~	-0/+.157	~ -0 / +4
Sidewalls +/-	0.079 (Center line of belt to center of sidewall)	+/- 2
V Guide +/-	0.079 (On centerline)	+/- 2
Multiple V Guides +/-	0.079 (Center line of belt to center of guide)	+/- 2
Perforations +/-	0.079 (On specified position)	+/- 2
Hole diameters +/-	0.079	+/- 2
Engineered belt Thk. +/-	0.039	+/- 1
Engineered belt Width ~	+0 / -.063 (Tolerance trumps guide tolerance)	~ +0 / -1.6 mm

More stringent tolerances may be possible however further deviation must be submitted in writing for consideration by our technical and production personnel. Dimensions outside of above parameters, contact our factory.

<p><a href="http://www.universalbelting.com">www.universalbelting.com</a> <a href="mailto:customers@ubelting.com">customers@ubelting.com</a></p>	<p><b>2 Industrial Park Rd</b> <b>Carmichaels PA 15320</b> <b>PH: 800-928-9995 FX: 724-966-2452</b></p>	
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