



TECHNICAL INFORMATION

MANUFACTURING TOLERANCES

FOR WHITEHAWK PD™, BLACKHAWK PD™, HI-PERFORMANCE PD™ PLUS

WIDTH TOLERANCES

Belt Width (mm)	Width Tolerances on Belt Lengths 0 to 838mm	Width Tolerances on Belt Lengths Over 838 to 1676mm	Width Tolerances on Belt Lengths Over 1676mm
Up to 38	+0.8 -0.8	+0.8 -1.2	+0.8 -1.2
Over 38 to 51	+0.8 -1.2	+1.2 -1.2	+1.2 -1.6
Over 51 to 76	+1.2 -1.6	+1.6 -1.6	+1.6 -2.0
Over 76 to 102	+1.6 -1.6	+1.6 -2.0	+2.0 -2.0
Over 102	+2.4 -2.4	+2.4 -2.8	+2.4 -3.2

BELT THICKNESS AND OVERALL GAUGE TOLERANCES (MM)

Belt Pitch	Nominal Web Thickness	Nominal Overall Gauge	Overall Gauge Tolerance	Overall Gauge Variation Single Belt
8mm	2.0	5.5	±0.40	0.40
14mm	3.4	10.0	±0.50	0.50

LENGTH TOLERANCES

Belt Length (mm)	*Std. Length Tolerances (Center-to-Center)	Belt Length (mm)	*Std. Length Tolerances (Center-to-Center)
Over 254 to 381	± 0.23	Over 3302 to 3556	± 0.61
Over 381 to 508	± 0.25	Over 3556 to 3810	± 0.64
Over 508 to 762	± 0.30	Over 3810 to 4064	± 0.66
Over 762 to 1016	± 0.33	Over 4064 to 4318	± 0.69
Over 1016 to 1270	± 0.38	Over 4318 to 4572	± 0.71
Over 1270 to 1524	± 0.41	Over 4572 to 4826	± 0.74
Over 1524 to 1778	± 0.43	Over 4826 to 5080	± 0.76
Over 1778 to 2032	± 0.46	Over 5080 to 5334	± 0.79
Over 2032 to 2286	± 0.48	Over 5334 to 5588	± 0.81
Over 2286 to 2540	± 0.51	Over 5588 to 5842	± 0.84
Over 2540 to 2794	± 0.53	Over 5842 to 6096	± 0.86
Over 2794 to 3048	± 0.56	Over 6096 to 6350	± 0.89
Over 3048 to 3302	± 0.58	Over 6350 to 6604	± 0.91
		Over 6604 to 6860	± 0.94

*NOTE: The length tolerances given for Positive Drive belts refer to the center-to-center tolerance between belts when checked on a standard measuring fixture. The actual pitch length tolerance is twice the value shown. If a special tension member is used, consult the factory for proper length tolerances.

GENERAL INFORMATION