

**PFEIFER INDUSTRIES, LLC.**

2180 Corporate Lane, Suite 104 ~ Naperville, IL 60563 USA

Phone (630) 596-9000 Fax (630) 596-9002

E-mail: info@pfeiferindustries.com Web site: www.pfeiferindustries.com

## 5mm, 8mm and 14mm HTD - Timing Belt Width Tolerances

|                    | Belt Width (mm)                     |                  | Belt Width (inches) |                  |
|--------------------|-------------------------------------|------------------|---------------------|------------------|
|                    | <b>Belt Length<br/>(0 to 838mm)</b> | 11.1mm to 38.1mm | +0.8mm              | 0.438" to 1.500" |
| -0.8mm             |                                     |                  | -0.032"             |                  |
| 38.1mm to 50.8mm   |                                     | +0.8mm           | 1.500" to 2.000"    | +0.032"          |
|                    |                                     | -1.2mm           |                     | -0.047"          |
| 50.8mm to 63.5mm   |                                     | +1.2mm           | 2.000" to 2.500"    | +0.047"          |
|                    |                                     | -1.2mm           |                     | -0.047"          |
| 63.5mm to 76.5mm   |                                     | +1.2mm           | 2.500" to 3.000"    | +0.047"          |
|                    | -1.6mm                              | -0.063"          |                     |                  |
| 76.2mm to 101.6mm  | +1.6mm                              | 3.000" to 4.000" | +0.063"             |                  |
|                    | -1.6mm                              |                  | -0.063"             |                  |
| 101.6mm to 177.8mm | +2.4mm                              | 4.000" to 7.000" | +0.094"             |                  |
|                    | -2.4mm                              |                  | -0.094"             |                  |
| 177.8mm to         |                                     | 7.000" to        |                     |                  |

|                    | Belt Width (mm)                           |                  | Belt Width (inches) |                  |
|--------------------|---|------------------|---------------------|------------------|
|                    | <b>Belt Length<br/>(838mm to 1,676mm)</b> | 11.1mm to 38.1mm | +0.8mm              | 0.438" to 1.500" |
| -1.2mm             |   |                  | -0.047"             |                  |
| 38.1mm to 50.8mm   |   | +1.2mm           | 1.500" to 2.000"    | +0.047"          |
|                    |   | -1.2mm           |                     | -0.047"          |
| 50.8mm to 63.5mm   |   | +1.2mm           | 2.000" to 2.500"    | +0.047"          |
|                    |   | -1.6mm           |                     | -0.063"          |
| 63.5mm to 76.5mm   |   | +1.6mm           | 2.500" to 3.000"    | +0.063"          |
|                    | -1.6mm                                    | -0.063"          |                     |                  |
| 76.2mm to 101.6mm  | +1.6mm                                    | 3.000" to 4.000" | +0.063"             |                  |
|                    | -2.0mm                                    |                  | -0.078"             |                  |
| 101.6mm to 177.8mm | +2.4mm                                    | 4.000" to 7.000" | +0.094"             |                  |
|                    | -2.8mm                                    |                  | -0.109"             |                  |
| 177.8mm to         |   | 7.000" to        |                     |                  |

|                    | Belt Width (mm)                       |                  | Belt Width (inches) |                  |
|--------------------|---------------------------------------|------------------|---------------------|------------------|
|                    | <b>Belt Length<br/>(Over 1,676mm)</b> | 11.1mm to 38.1mm | +0.8mm              | 0.438" to 1.500" |
| -1.2mm             |                                       |                  | -0.047"             |                  |
| 38.1mm to 50.8mm   |                                       | +1.2mm           | 1.500" to 2.000"    | +0.047"          |
|                    |                                       | -1.6mm           |                     | -0.063"          |
| 50.8mm to 63.5mm   |                                       | +1.6mm           | 2.000" to 2.500"    | +0.063"          |
|                    |                                       | -1.6mm           |                     | -0.063"          |
| 63.5mm to 76.5mm   |                                       | +1.6mm           | 2.500" to 3.000"    | +0.063"          |
|                    | -2.0mm                                | -0.078"          |                     |                  |
| 76.2mm to 101.6mm  | +2.0mm                                | 3.000" to 4.000" | +0.078"             |                  |
|                    | -2.0mm                                |                  | -0.078"             |                  |
| 101.6mm to 177.8mm | +2.4mm                                | 4.000" to 7.000" | +0.094"             |                  |
|                    | -3.2mm                                |                  | -0.125"             |                  |
| 177.8mm to         | +4.8mm                                | 7.000" to        | +0.188"             |                  |
|                    | -6.4mm                                |                  | -0.250"             |                  |