

Dimensional Tolerances For Hiflex Leafsprings

A. Thickness Tolerance

Nominal Thickness(mm)	Tolerance(mm)	Tolerance (in)
Up to 1.25	+/-0.18	+/-0.007
1.26-2.00	+/-0.23	+/-0.009
2.01-4.00	+/-0.25	+/-0.010
4.01-6.50	+/-0.30	+/-0.012
6.51-12.00	+/-0.35	+/-0.014
12.01-20.00	+/-0.40	+/-0.016
20.01-25.00	+/-0.45	+/-0.018

B. Length and Width Tolerance

Size(mm)	Tolerance(mm)	Tolerance(in)
Up to 6	+/-0.2	+/-0.008
6-29.9	+/-0.4	+/-0.016
30-119.9	+/-0.5	+/-0.020
120-399.9	+/-0.7	+/-0.028
400-999.9	+/-0.8	+/-0.032
1000-1499.9	+/-1.0	+/-0.040

C. Holes

Holes close up slightly by approximately 0.2mm after drilling. Hence an 8mm pin will not fit into a nominal 8mm hole. To allow hole clearances most holes are specified approximately 0.5mm larger than the pin required. The tolerance on hole accuracy is +/- 0.3mm up to 100mm and +/-0.5mm above 100mm.