

9. Preload

Preload is an internal load applied to the rolling element in advance in order to increase the rigidity of the LM block or eliminate a clearance. The clearance symbols C1 and C0 for LM Guides indicate negative clearance as a result of applying a preload, and are expressed in negative values.

All LM Guide models (excluding separable types models HR and GSR) are shipped with their clearances adjusted at designated values. Therefore, it is unnecessary to adjust their preloads.

