

1.7. Clearance between the Nut and the LM Shaft

When using the Linear Bush in combination with an LM shaft, use clearance fit in normal use and close clearance if the clearance is to be minimized.

Note 1: If setting the clearance after mounting the Linear Bush, it is preferable not to exceed the radial clearance tolerance in the dimensional table in "THK General Catalog - Product Specifications," provided separately.

Note 2: The shaft tolerance for case unit models SC, SL SH and SH-L falls under high grade (no symbol).

Table 8 Shaft Outer-diameter Tolerance

Type		LM Shaft	
Model No.	Accuracy	Normal clearance	Close clearance
LM	High grade (no symbol)	f6, g6	h6
	Precision grade (P)	f5, g5	h5
LME	—	h7	k6
LMF	High grade (no symbol)	f6, g6	h6
LMK			
LMH			
LM-L			
LMF-L			
LMK-L			
LMH-L			