

## DESIGN TIPS

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### Zero MMC and Zero LMC Position

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This tip was presented to the Y14.5 subcommittee twenty year ago. At that time it was agreed that it was not in violation of the dimensioning standard, but it would not to be added as an example to any future standard. This tip illustrates the power of the MMC and LMC concept, but the use of this specific application of the concept is not encouraged.

The purpose of this suggested application is to force manufacturing to go for the middle of size in order to get the maximum tolerance size. If this application were to be used, it would probably need a general note to explain the concept such as:

THIS POSITIONAL TOLERANCE SIZE WILL BE AT THE MAXIMUM WHEN THE FEATURE IS AT THE MIDDLE OF SIZE BASED ON THE MMC AND LMC CONCEPT IN THE ASME Y14.5M-1994 STANDARD.

Ø .745-.755



Hole size	tolerance size
.745	.000
.746	.001
.747	.002
.748	.003
.749	.004
.750	.005
.751	.004
.752	.003
.753	.002
.754	.001
.755	.000