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This symbol is shown where the author offers a *Rule-of-Thumb* based on his decades of experience applying GD&T and helping develop national standards on geometric dimensioning and tolerancing. The origin of Rule-of-Thumb refers to one of the numerous ways that thumbs have been used to estimate things - judging the alignment or distance of an object by holding the thumb in one's eye-line, the temperature of brews of beer, measurement using the estimated inch from the joint to the nail, etc. The *Rules-of-Thumb* are meant to be a guide to using GD&T but do not reflect requirements of the Standard.

8-4
 8-5



Three characters have been used to help explain the concepts of GD&T. Max is the one you will see most. His symbol, M in a circle, means Maximum Material Condition. He will provide translations of geometric callouts into plain English.

8-5
 8-6



Leasa will appear when the Least Material Condition, LMC, concept is presented. Her symbol is L in a circle. This concept does not apply very often on drawings so you won't see her much.

8-8
 8-9

10-1



RuFuS has been around a long time. His symbol, an S in a circle, meant Regardless of Feature Size. This condition is now implied for all geometric tolerances unless MMC or LMC is added to the tolerance. Since this is the default for all geometric tolerances, the symbol is no longer needed. RuFuS will be around when a former practice is mentioned.