

# Download Do Flatness With A Cmm

Relation to Other Symbols: Flatness is the 3D version of surface straightness – Instead of the tolerance zone between two lines; the tolerance zone exists between two planes. When Used: When you want to constrain the amount of waviness or variation in a surface without tightening the dimensional tolerance of said surface. Specifying Your Coordinate Measuring Machine. The type, shape, size and dimensional tolerance of the part to be inspected determine the kind of equipment to be considered. Flat parts (sheet metal stampings, plastic, rubber, etc.) can be inspected faster with a video system. If you try to do this after the alignment, go through “Operation/Graphic Display Window/CAD equals Part. 3. Alignment work . 1. Measure a plane ( at least 3 hits) to do first alignment The orientation of a LS plane may not be the same orientation of the plane used to evaluate flatness (2 different requirements geometrically). As bfire85 suggested, use the flatness dimension.