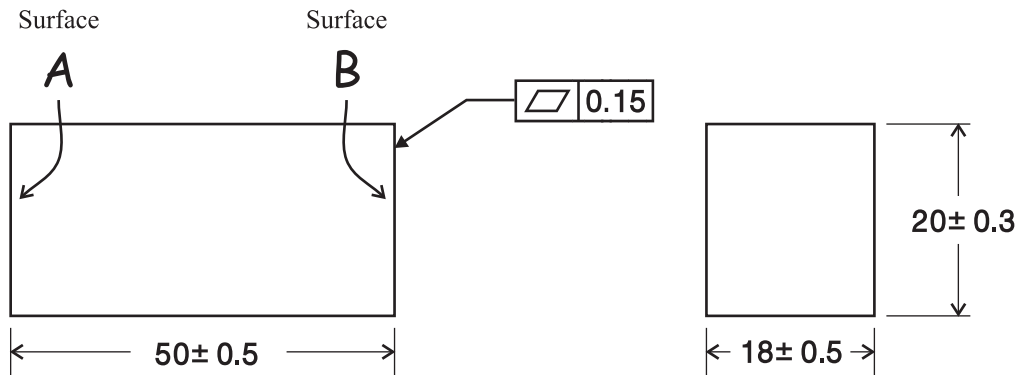


HW 7a – Due Wednesday, March 24



Each point on surface **B** must lie between two parallel planes spaced _____ apart.

If the 50 ± 0.5 size tolerance is increased, will it change the flatness tolerance zone? _____

Is it permissible to use an MMC modifier with the flatness tolerance symbol (for example $\square 0.15 \text{ (M)}$)? _____ Why? _____

The flatness tolerance must be _____ the size tolerance, if it is to be valid.
greater than / less than / equal to

If the block length (the 50 dimension) was at MMC, what is the permissible flatness of Surface **B**? _____ ... of Surface **A**? _____

If the block length was at LMC, what is the permissible flatness of surface **B**? _____ ... of Surface **A**? _____

What is the MMC size of the 18 ± 0.5 dimension? _____

What is the LMC size of the 20 ± 0.3 dimension? _____