

Distinguish, differentiate, compare and explain what is the difference between tolerance and allowance .  
Comparison and Differences.

## Differences between Tolerance and Allowance

S.No.	Tolerance	Allowance
1	Permissible variation of the size / dimensions.	Prescribed difference between the dimensions of two mating parts.
2	Individual component is involved and tolerance is the difference between upper and lower limits of dimension.	Two mating parts are involved. it is the intentional difference between the sizes of shaft and hole.
3	Tolerance is influenced by the method of manufacture and it is provided because exact duplication of parts is not possible.	It is provided on the mating parts to get the desired functional requirements.
4	It is an absolute value.	Allowance may be positive or negative.