

Distinguish, differentiate, compare and explain what is the difference between Boring and Reaming. Comparison and Differences.

## Differences between Boring and Reaming

S.No.	Boring	Reaming
1	Boring is performed to enlarge the diameter of an existing hole.	Reaming is performed to finish hole surfaces and to improve tolerance.
2	Cutting tool used for boring is known as boring bar.	Cutting tool used for reaming is called reamer.
3	Boring can increase diameter of an existing hole but not length.	Neither diameter nor length can be increased substantially by reaming.
4	Boring bar is a single point cutting tool.	Reamer is a multi-point cutting tool.
5	Surface quality is lower than Reaming.	Reaming produces highly finished surface.
6	A pre-drilled hole (or a hollow portion made by casting) is mandatory for performing boring.	Similar to boring, reaming can be performed only if a hollow part or hole exists.
7	Has High MRR.	MRR is poor; in fact, MRR is not an issue in reaming.