

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

Differences between Drilling and Boring

S.No.	Drilling	Boring
1	Drilling is performed to originate a hole.	Boring is performed to enlarge the diameter of an existing hole.
2	Cutting tool used for drilling is known as drill.	Cutting tool used for boring is known as boring bar.
3	Drilling can increase length of the hole but not diameter (limited to drill diameter).	Boring can increase diameter of an existing hole but not length.
4	Drill is a double point cutting tool.	Boring bar is a single point cutting tool.
5	Surface quality of drilled hole is not very good.	Surface quality is better than drilling.
6	Drilling is first phase of hole fabrication. It does not require any special feature prior to operation.	A pre-drilled hole (or a hollow portion made by casting) is mandatory for performing boring.
7	Material Removal Rate (MRR) in drilling operation is higher.	MRR is lower than drilling.