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Question

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The distance moved by a nut on one rotation is equal to _____

This question was previously asked in

VSSC_Technician-B (Fitter) Official Paper
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1. Pitch
2. Lead
3. Feed
4. Start



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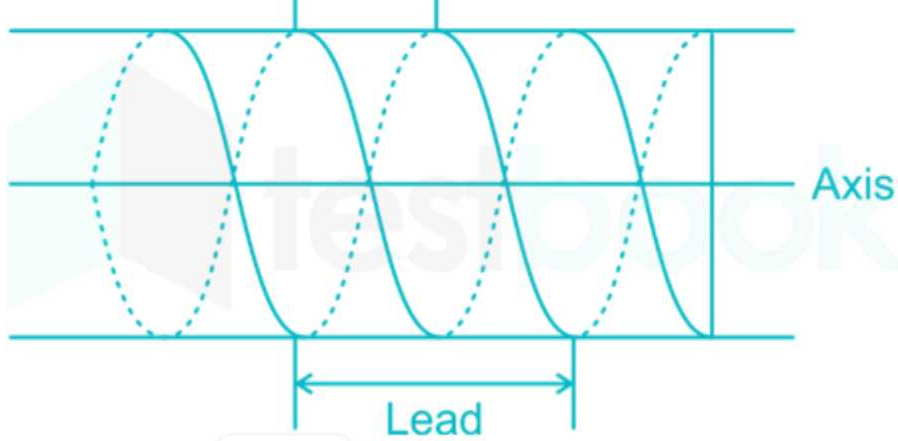
Answer (Detailed Solution Below)

Option 2 : Lead

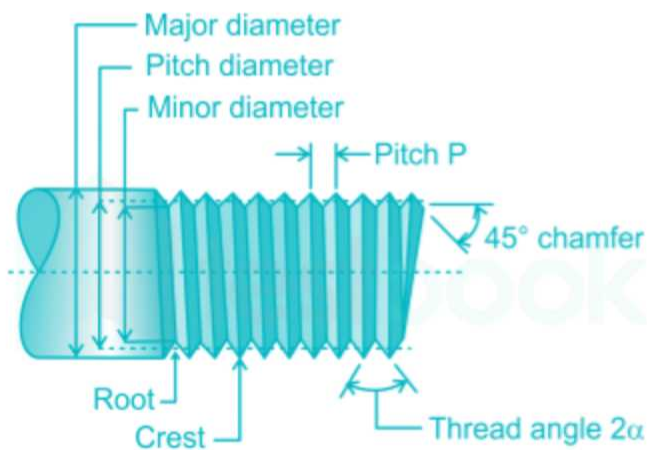
Detailed Solution**Concept:**

- The **lead** of a screw thread is the distance the nut will move forward on the screw if it is turned around one full revolution.





- **Pitch** of a screw thread is the distance from the center of one thread to the center of the next thread.



Terminology of Screw Threads

- In a single-threaded screw, the pitch and lead are equal, in the double-threaded screw, the nut will move forward two threads, or twice the pitch so that in this case the lead equals twice the pitch and so on.
- **Feed rate** is defined as the tool's distance traveled during one spindle revolution.