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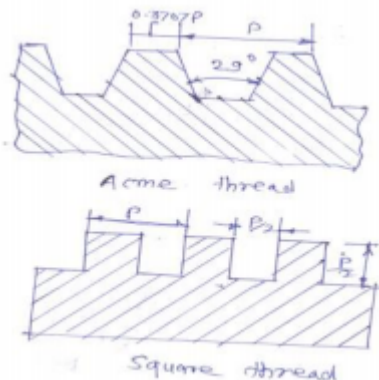
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**Question:**

Draw neat labeled sketches of Acme and square thread profile and state its relative characteristics.

**Answer:**



Characteristics of Acme thread : (i) thread angle is  $2.9^\circ$  (ii) permit the use of split nut (iii) easy to manufacture (iv) max. bursting pressure on the thread  
Characteristics of Square thread : (i) zero profile thread angle (ii) minimum bursting pressure on the nut

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