

CARBURIZE

Meaning: Carburize: to introduce carbon into the surface of steel or other metals to increase hardness and wear resistance.

1. Carburize the steel components to enhance their hardness and wear resistance.
2. The process to carburize gears was implemented to improve their durability under stress.
3. During the heat treatment, we need to carburize the iron to achieve the desired properties.
4. Engineers decided to carburize the surface of the crankshaft for better performance.
5. To increase the surface hardness, you must carburize the metal at a specific temperature.
6. The workshop specializes in techniques that carburize various types of alloys effectively.
7. By carburizing the tool steel, we can extend the lifespan of our cutting tools.
8. The technician explained how to carburize the parts using a gas atmosphere.
9. It's essential to monitor the carbon content when you carburize a component.
10. To optimize the mechanical properties, we will carburize the parts before final assembly.

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