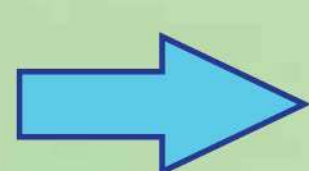


# SHOT PEENING

Shot peening is a cold work process used to finish metal parts to prevent fatigue and stress corrosion failures and prolong product life for the part. The surface compression stress strengthens the metal, ensuring that the finished part will resist fatigue failures, corrosion fatigue and cracking.

## Process Flow

Vacuum degreasing



Shot peening



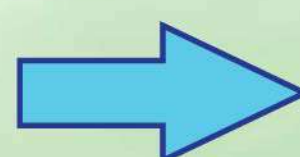
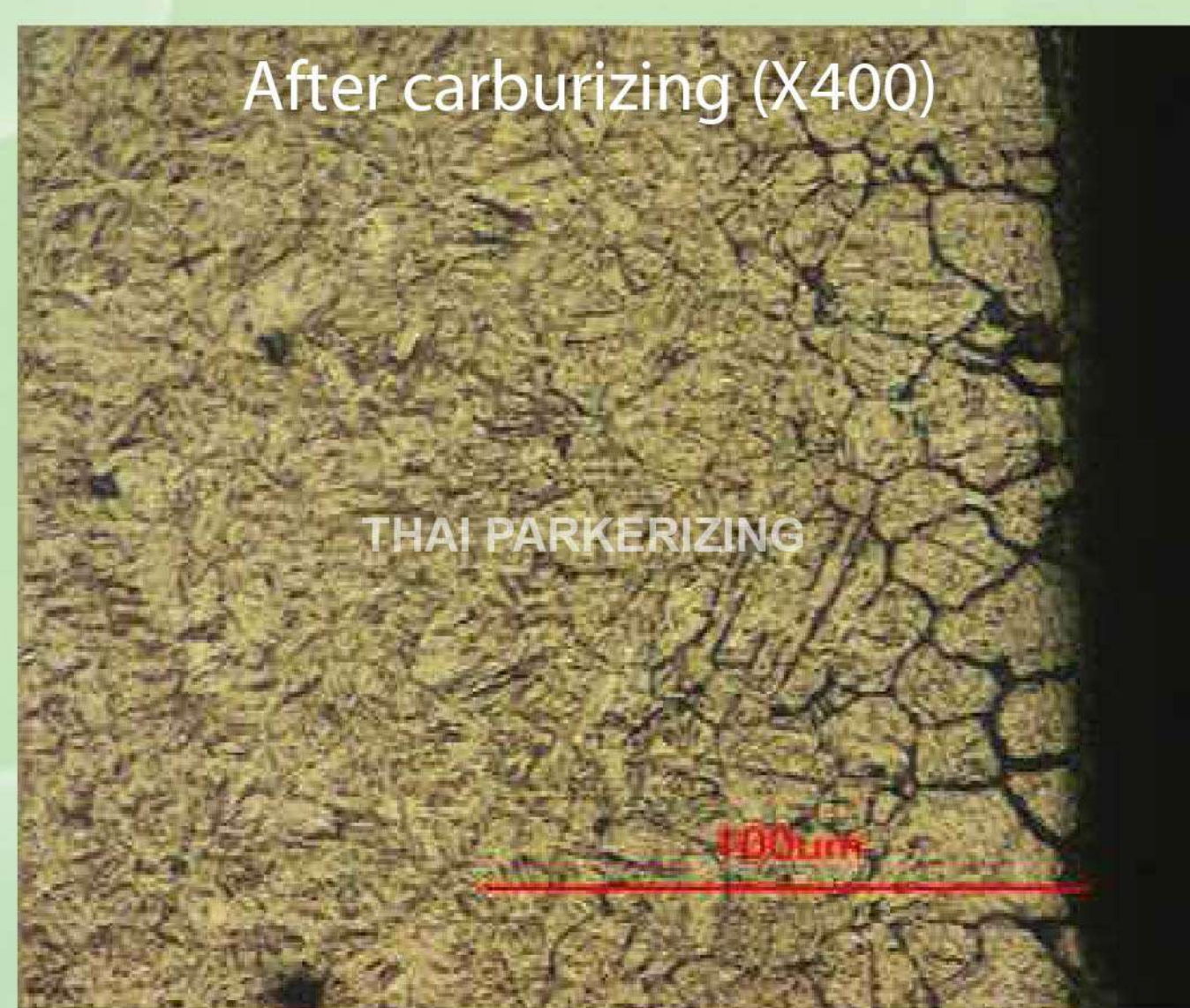
Rust preventive

## Characteristics

- Oxidation improvement
- Improved compressive retaining
- Improved straightening distortions surface texturing.
- High wear and fatigue resistance.
- Improved to surface for micro dimple case with oil to help lubricate the skin easily.
- Part can control to dimension so drawing design no change.



## Advantages



Oxidation layer improvement



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