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Quality spare parts since 1927

SHOT PEENING TREATMENT

Effective method to enhance fatigue resistance and prolong durability

PROCESS AND BENEFITS

Shot peening represents an advanced cold mechanical processing method aimed at enhancing the fatigue resistance of metallic materials.

TECHNOLOGY AND PRINCIPLE

The effectiveness of shot peening is ensured by fully automated facilities, classified as 'special processes.' The process relies on three fundamental parameters: the type of shot used, the intensity of bombardment, and the surface coverage. These parameters induce residual compressive stresses, both on the surface and subsurface, significantly increasing the fatigue resistance of the treated material.



3836807 BEVEL GEAR APPLICATION: 777

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