

Steel Shot for Surface Peening

This steel shot is made by melting selected scrap in an electric induction furnace. The molten metal is atomized into round particles, quenched, and tempered to achieve uniform hardness and microstructure, then screened by size according to standard specifications.



ADDITIONAL IMAGES



Product Overview

Professional Surface Peening Media

This high-quality steel shot is engineered to provide consistent and effective surface treatment for demanding industrial applications. Manufactured through a strictly controlled atomization, quenching, and tempering process, it ensures a uniform hardness and microstructure. These spherical particles are ideal for cleaning, deburring, and enhancing the fatigue resistance of metal components.

Technical Standards

Production Method

- Electric induction furnace melting
- Spectrometer-controlled chemical composition
- Atomization to round particles
- Quenched and tempered heat treatment

Certifications & Standards

SAE Standard, ISO 9001, SGS Compliant

Performance Metrics

Impact Performance

100 %

Particle Uniformity