

# STEEL SHOT & STEEL GRIT

- GMA Industries offers high-quality recycled Steel Shot and Steel Grit, optimized for wheel and air blast applications. These cast steel abrasives are reclaimed and rigorously cleaned, including magnetic separation and precise sizing, to meet strict SAE specifications.

## APPLICATIONS

- Surface preparation for coating or painting
- Cleaning rust, scale, and contaminants from metal
- Shot peening to enhance component fatigue strength
- Creating surface profiles for optimal coating adhesion

## BENEFITS OF RECYCLED STEEL SHOT & STEEL GRIT

- Durability
- Efficiency
- Consistency
- Cost-Effectiveness - *Main driver for purchasing*

## TESTING ● STANDARDS

**Size specifications:** SAE J444

**Chemical Analysis:** SAE J827, SAE J1993, SAE J2175

CHEMICAL	CARBON	MANGANESE	SILICON	SULFUR	PHOSPHORUS
PERCENT	.1-1.2	.35-1.5	0.1	0.05	0.05
MIN/MAX			min	max	max

### PRODUCT CHARACTERISTICS

Microstructure: Martensite / Bainite  
 Hardness (Shot): 45 – 55 Rockwell C (HRC)  
 Hardness (Grit): 50 – 56 Rockwell C (HRC)  
 True Specific Gravity (Shot): 7.3 g/cc  
 True Specific Gravity (Grit): 7.0 g/cc  
 Bulk Density (Shot): 260 – 290 lbs/ft<sup>3</sup>  
 Bulk Density (Grit): 230 - 270 lbs/ft<sup>3</sup>

### AVAILABLE SIZES

- Steel Shot:** 70, 110, 170, 230, 280, 330, 390, 460, 550/660
- Steel Grit:** 120, 80, 50, 40, 25

### PACKAGING OPTIONS:

**Steel Shot:**

- 50-lb. Bags (40 per pallet)
- 2,000-lb. Drums

**Steel Grit:**

- 50-lb. Bags (40 per pallet)
- 1,400-lb. Drums (G-120)
- 1,500-lb. Drums (G-80)
- 1,600-lb. Drums (G-50)
- 1,700-lb. Drums (G-40, G-25)