

# **Steel Grit: A Comprehensive Guide to Its Applications in Surface Preparation and Blasting**

# Introduction

Welcome to the presentation on "[Steel Grit](#): *A Comprehensive Guide to Its Applications in Surface Preparation and Blasting.*"

Today, we will explore the versatile uses of steel grit in various industries, with a focus on maximizing efficiency and quality.



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# What are Steel Grit?

## Steel Grit

### **Definition: -**

Steel grit is a high-performance abrasive material composed of small, angular particles made from steel.

Known for its exceptional hardness and durability, steel grit is ideal for tough abrasive tasks.

# Types of Steel Grit:

Steel grit comes in different types based on size, hardness, and shape, such as G25, G40, and G80 at a low [steel grit price](#). Each type has unique properties that make it suitable for specific applications.

- Steel Grit G25
- Steel Grit G40
- Steel Grit G80



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# Steel Grit Price



## Cast Steel Grit

Price Range: ₹ 65 / Kg - 85 / Kg

Grain Shape	Angular
Density	$\geq 7.0 \text{ g/cm}^3$
Hardness	60 - 65 HRC

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## Steel Grit G50

Price Range: ₹ 65 / Kg - 85 / Kg

Grain Shape	Angular
Density	$\geq 7.0 \text{ g/cm}^3$
Hardness	60 - 65 HRC

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## High Carbon Steel Grit

Price Range: ₹ 65 / Kg - 85 / Kg

Grain Shape	Angular
Density	$\geq 7.5 \text{ g/cm}^3$
Size	0.04 - 2.80 mm

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# Steel Grit Price



## Stainless Steel Grit

Price Range: ₹ 65 /Kg - 85 /Kg

Grain Shape	Angular
Density	$\geq 7.0 \text{ g/cm}^3$
Hardness	60 - 65 HRC

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## Steel Grit G40

Price Range: ₹ 65 /kg - 85 /kg

Density	$\geq 7.5 \text{ g/cm}^3$
Grain Shape	Angular
Size	0.425 mm

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## Steel Grit G25

Price Range: ₹ 65 /Kg- 85 /Kg

Density	$\geq 7.5 \text{ g/cm}^3$
Grain Shape	Angular
Size	0.710 mm

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# Applications

## Applications in Surface Preparation

- Surface preparation is crucial in industries like construction, automotive, and manufacturing with the assistance of [steel grit supplier](#).
- Steel grit is used for cleaning, descaling, and roughening surfaces, ensuring proper adhesion of coatings and improving finish quality.

## Applications in Blasting

- Steel grit plays a vital role in abrasive blasting techniques, such as sandblasting and shot peening.
- It effectively removes rust, paint, and contaminants from surfaces, leaving them clean and ready for further processing.

# Advantages of Steel Grit

1. Steel grit offers several advantages, including high efficiency, reusability, and cost-effectiveness.
2. Its ability to withstand multiple uses reduces operational costs.



# Safety Considerations

- Safety is paramount when buying steel grits by [steel grit manufacturer](#) in working with steel grit. Ensure proper protective gear, including goggles, gloves, and respiratory protection.
- Adequate ventilation is crucial to minimize exposure to airborne particles.



## Tips for Effective Use

- To maximize the benefits of steel grit, select the appropriate nozzle size and pressure settings.
- Proper cleaning and maintenance of blasting equipment are essential for consistent results.



# Conclusion

Summarize the key takeaways from the presentation, emphasizing steel grit's versatility and importance.

Encourage the audience to explore its applications in their respective fields.



# THANK YOU



**Any questions?**  
Reach us on



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