

# Bearing Steel Grit G18 Abrasive Bearing Steel Grit

## Specifications :

Price	Contact Us
Place of Origin	Shandong, China
Payment Terms	T/T, L/C, Western Union, etc.
Delivery Detail	10-25 Working Days.
Keyword	Steel Angular Grit

## Detail Introduction :

### Product Description

#### WHAT'S Metal abrasive bearing steel grit

**Bearing steel grit** is commonly used in airless applications since it is softer than aluminum oxide and doesn't fracture as easily. It is also used in direct pressure applications where a heavy profile is needed. Steel shot is used for shot peening of ferrous materials.

Metallic abrasives are ideal for airless blasting and shot peening and they have a long life.

#### TYPICAL SIZE-bearing steel grit

SIZE	MEAN DIAMETER	SIZE	MEAN DIAMETER
G10	2.5MM	G12	2.0MM
G14	1.7MM	G16	1.4MM
G18	1.2MM	G25	1.0MM
G40	0.7MM	G50	0.4MM
G80	0.3MM	G120	0.2MM

## TYPICAL TECHNICAL DATA SHEET

Steel Grit /Metal Abrasives/ Cast Steel Grit/Chilled Steel Grit/Steel Sand			
High Carbon Steel Grit		Bearing Steel Grit	
Element	Concentration	Element	Concentration
C	0.85-1.2%	C	0.85-1.2%
Mn	0.4-1.2%	Mn	0.45-0.6%
Si	0.4-1.2%	Si	0.45-0.55%
P	≤0.03%	P	≤0.03%
S	≤0.03%	S	≤0.03%
		Cr	1.5
Hardness	40-50HRC; 50-60HRC; 60-65HRC		
Density	7.6g/cm <sup>3</sup>		

## Application Of bearing steel grit

### 1.Blast cleaning

Used for blast cleaning of casting, descaling, forging, sand removal of casting, steel plate, H type steel, steel structure.

### 2.Rust removal

Rust removal of casting, forging, steel plate, H type steel, steel structure, descaling of forging.

**3. Shot peening**

Shot peening of gear, heat treatment.

**4. Shot blasting**

Shot blasting of profile steel, ship board, steel board, steel structure, steel material.

**5. Pre-treatment**

Pre-treatment of surface, steel board, profile steel, steel structure, before-painting.