

Steel Grit

Cast steel angular grit produced by crushing specially heat treated steel shot. Its behavior in service depends on hardness - a characteristic readily modified by suitable heat treatment. Steel Grit is used mainly in wheel last machines for cleaning or preparation work on special surfaces. In addition, GL and GH Steel Grit are equally suitable for use in wheelblast machines and in most cases air blast equipment.

Steel Grit Size:

G10,G12,G14,G16,G18,G25,G40,G50,G80,G120

Technological Index:

Products	Steel Grit	
Chemical Composition	C	0.80~1.20%
	Mn	0.35~1.20%
	Si	≥0.40
	S	≤0.05%
	P	≤0.05%
Microhardness	GP:42-52 HRC GL:53-60 HRC GH:60-64 HRC	
Hardness Deviation	Max Deviation ±3.0HRC	
Microstructure	Tempered Martensite or Sorbite	
Density	7.6 g/cm ³	

Application

SAE	Application
G-12 G-16	Blasting/descaling medium-to-large cast steel, cast iron, forged pieces, steel plate and rubber adhered work pieces.
G-18 G-25 G-40	Cutting/grinding stone; Blasting rubber adhered work pieces; Descaling steel plate, container, ship hull before painting; Cleaning small-to-medium cast steel, cast iron, forged pieces, etc.
G-50 G-80 G-120	Blasting/descaling steel wire, spanner, steel pipe before painting process; Cleaning precision castings (eg. golf blocks).