

## Steel Grit

## Technical Data Specification – Typical

### 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 blast 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 <sup>3</sup>

### 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).

**Packaging:** 1 Ton Jumbo Bags / 25 Kg PP or Paper Bags