



TECHNICAL DATA SHEET

Revision: August 3, 2023

RockRidge High Carbon Steel Grit

Description: RockRidge Steel Grit meets all SAE Specification Standards for High Carbon Steel Grit. The details below show the specifications relevant to KOTAR steel shot with some typical values that are representative of normal production

Grit Product	G10	G12	G14	G16	G18	G25	G40	G50	G80	G120
Screen Size	7-12	8-14	10-16	12-18	14-25	16-25	18-50	25-80	40-120	50-200
Screen Size Range (mm)	1.70-2.80	1.40-2.36	1.18-2.00	1.00-1.70	0.710-1.40	0.425-1.18	0.30-1.00	0.18-0.71	0.125-0.425	0.075-0.300
Screen Size Range (in)	0.0661-0.111	0.0555-0.0937	0.0469-0.0787	0.0394-0.0661	0.0280-0.0555	0.0280-0.0469	0.0117-0.0394	0.007-0.028	0.0049-0.0165	0.0029-0.0117

Typical Chemical Analysis:

Mineral	%
Carbon	0.8-1.2 %
Silicon	0.4-1.5 %
Manganese	0.35-1.2% to 0.6-1.2%
Nickel	<0.2 %
Phosphorus	<0.05 %
Sulfur	<0.05 %

Hardness SAE Specification:

J444

Actual RockRidge Steel Grit Density:

Typical Density: 7.2g/cm³

RockRidge Steel Grit Hardness Range:

GP	HRC 46-50
GL	HRC 56-60
GH	HRC 63-67

For any questions or concerns, please contact RockRidge Abrasives at:
855-883-6245 or sales@rockridgeabrasives.com