



DURAGRIT

BLASTROOM STEEL GRIT



DURAGRIT is a long lasting steel grit abrasive designed specifically for use in blastrooms. DuraGrit is manufactured from forged bearing steel offcuts that are crushed to size and heat treated to the required hardness.

As no casting process is involved in their manufacture, DuraGrit particles contain no cracks, porosity or hollows commonly found in conventional cast steel grit. The resulting inherent toughness of each DuraGrit particle extends the life of the grit by up to 30%. The higher density and fully angular particles also increase impact energy onto the blasting surface, resulting in faster cutting speeds.

Longer abrasive life results in cost savings direct to your bottom line and higher productivity gets your work piece through your facility faster. Try DuraGrit now. The world's best blastroom steel grit abrasive.

Chemical Composition and Physical Characteristics – SAE J1993

	DuraGrit SG	DuraGrit LG	DuraGrit HG
Hardness HRC (HV)	40-50 (337-509)	53-60 (560-710)	>60 (> 710)
Microstructure	Fine & Homogeneous Tempered Troostite	Fine & Homogeneous Tempered Martensite	Fine & Homogeneous Tempered Martensite
Chemical Composition			
Carbon	0.85 - 1.20%		
Manganese	0.60 - 1.20%		
Silicon	0.40 - 1.20%		
Sulfur	≤ 0.05%		
Phosphorus	≤ 0.05%		
Chrome	0.60 - 1.60%		
Density	7.5 g/cm ³		
Appearance	Angular and Sharp		

Sieving Specification Steel Grit - SAEJ444

SAE Size	Opening		G120	G80	G50	G40	G25	G18	G16	G14	G12	G10
	mm	in										
7	2.80	0.111										All Pass
8	2.36	0.0937									All Pass	
10	2.00	0.0787								All Pass		Min 80%
12	1.70	0.0661							All Pass		Min 80%	Min 90%
14	1.40	0.0555						All Pass		Min 80%	Min 90%	
16	1.18	0.0469					All Pass		Min 75%	Min 90%		
18	1.00	0.0394				All Pass		Min 75%	Min 85%			
25	.701	0.0278			All Pass		Min 70%	Min 85%				
40	.425	0.0165		All Pass		Min 70%	Min 80%					
50	.300	0.0117	All Pass		Min 65%	Min 80%						
80	.180	0.070		Min 65%	Min 75%							
120	.125	0.0049	Min 60%	Min 75%								
200	.075	0.0029	Min 70%									

Screen Opening Sizes (in-mm) and Screen Numbers with Max and Min Cumulative Percentages allowed on Corresponding Screens. ASTM E-11 and ISO 565 Test Sieves.



G120

G80

G50

G40

G25

G18

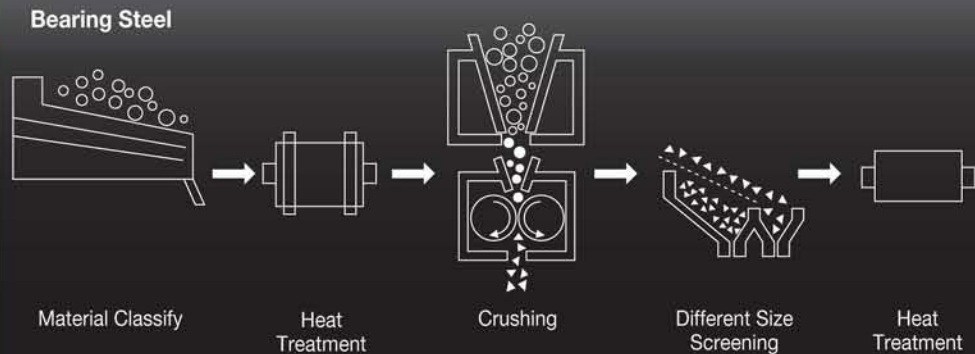
G16

G14

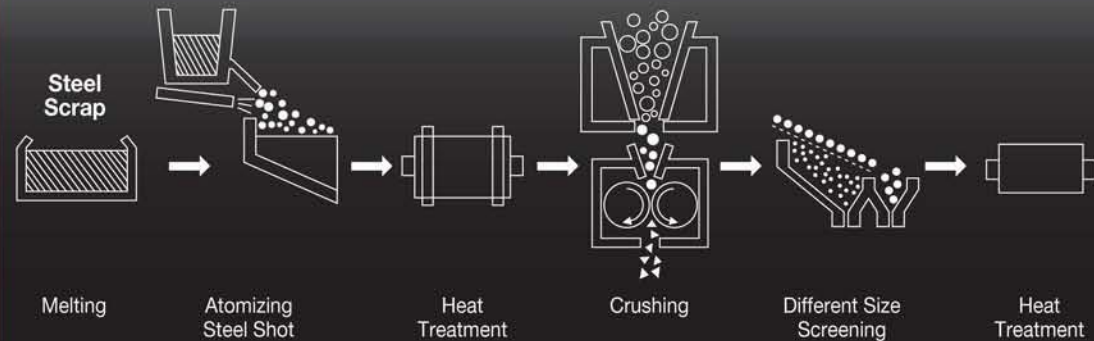
G12

G10

Bearing Angular Steel Grit



Normal Steel Grit



specialty blasting abrasives by:

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