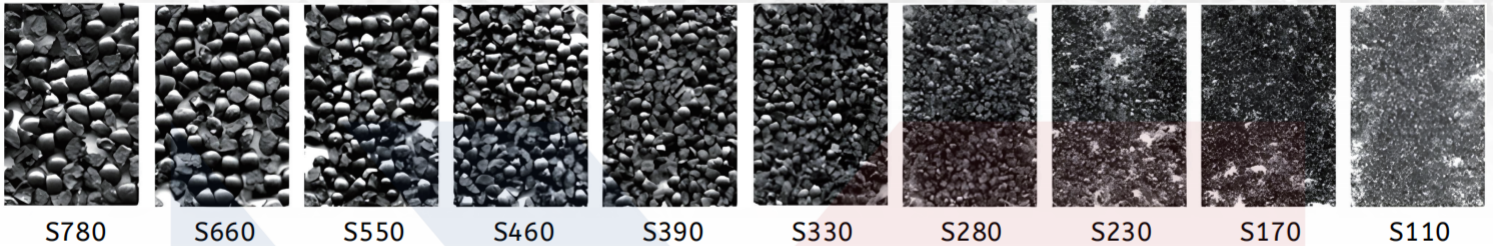


CAST STEEL GRIT



Steel Grit Size Specification

mesh	mm	SGH,LP25	SGH,LP20	SGH,LP17	SGH,LP14	SGHLP12	SGHLP10	SGHLP0.7	SGHLP04	SGH,LP03	SG,H,LP02
7	2.80	all pass									
8	2.36		all pass								
10	2.00	85% min		all pass							
12	1.70	97% min	85% min		all pass						
14	1.40		97% min	80% min		all pass					
16	1.18			90% min	75% min		all pass				
18	1.00				85% min	75% min		all pass			
20	0.850										
25	0.710					85% min	80% min		all pass		
30	0.600										
35	0.500						80% min				
40	0.425							70% min		all pass	
45	0.355										
50	0.300							80% min	65% min		all pass
80	0.180								75% min	65% min	
120	0.125									75% min	60% min
200	0.075										70% min
325	0.045										
SAE		G10	G 12	G14	G16	G 18	G25	G 40	G50	G 80	G 120

Chemical Analysis chart for Cast Steel Grit

Content	Steel Grits
%Carbon	0.85 to 1.20
%Manganese	0.60 to 1.20
%Silicon	0.40 to 1.20
%Phosphorus	0.05 max
%Sulphur	0.05 max

Physical Analysis chart for Cast Steel Grit

	GP Steel Grit	GL Steel Grit	GH Steel Grit
Hardness	HRC 42 to 50	HRC 56 to 60	HRC 63 to 66
Hardness Deviation	Max Deviation ±3.0HRC		
Metallographical structure	Fine & Uniform martensite		
Min Density	7.4g/cm³		