

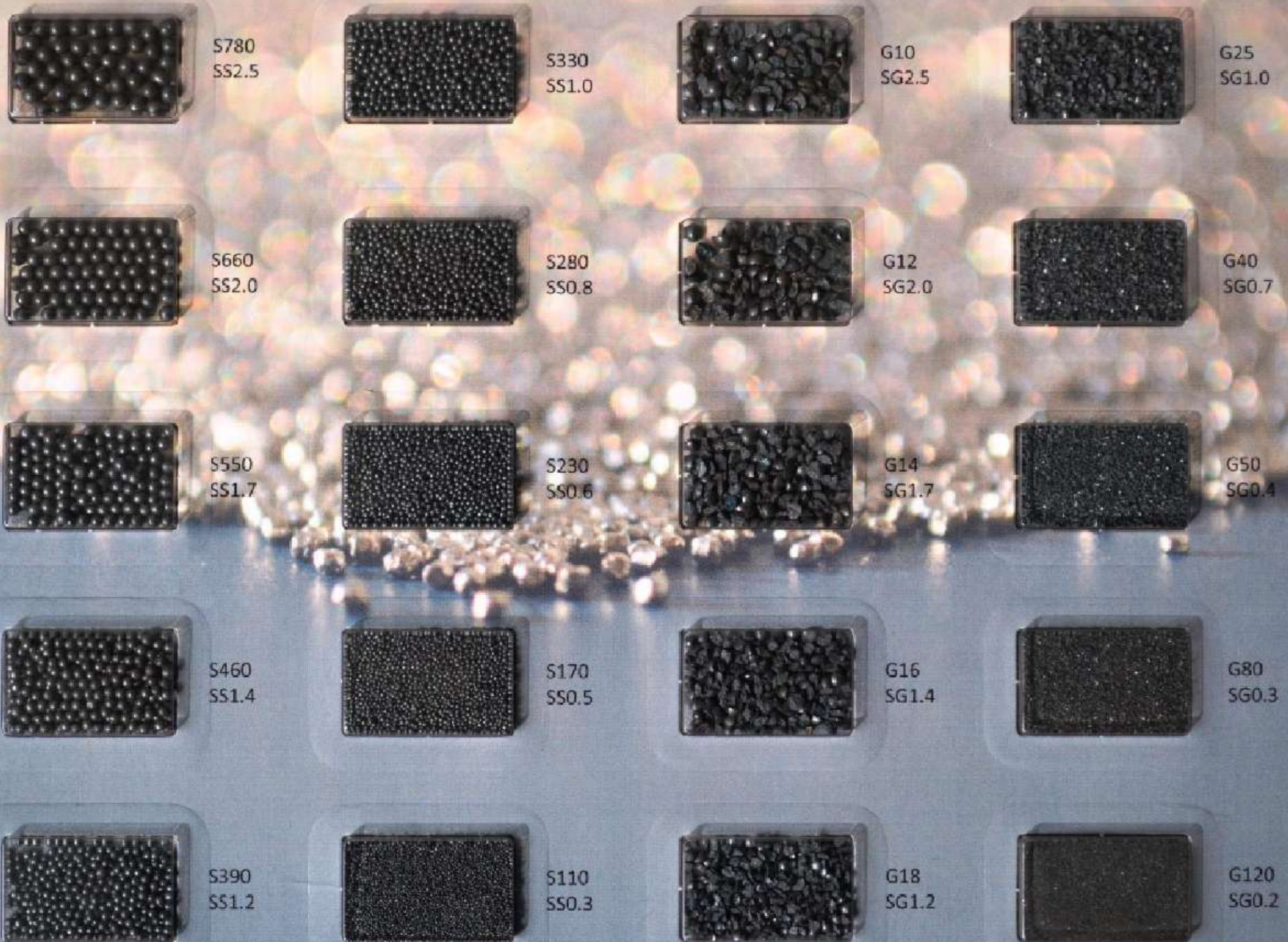


BLAST APEX

HIGH CARBON SHOT & GRIT

Steel Shot

Steel Grit



Steel Shot

Steel Grit

Application

S780/SS2.5
S660/SS2.0

G10/SG2.5
G12/SG2.0

Sand removal of large sized castings, scale removal of large sized products from forging, stamping, dieforging, drawing and rolling or after heat treatment (e.g. pipes, sections, plates, fittings, wire).

S550/SS1.7
S460/SS1.4

G16/SG1.4
G14/SG1.7

Sand removal of large and medium sized castings, scale removal of forging and heat-treated work pieces, surface blast cleaning of steel plates, sections and steel structures, shot peening of work pieces, cutting of granite.

S390/SS1.2
S330/SS1.0

G18/SG1.2
G25/SG1.0

Sand removal of medium and small sized castings, surface blast cleaning of forgings, heat-treated pieces, steel pipes, sections and steel structures, surface treatment before painting, shot peening of work pieces.

S280/SS0.8
S230/SS0.6

G25/SG1.0
G40/SG0.7

Surface blast cleaning of small sized castings, forgings and heat-treated pieces, aluminium and copper alloy castings, steel plates, steel pipes, sections and steel structures, shot peening of work pieces.

S170/SS0.5
S110/SS0.3

G50/SG0.4
G80/SG0.3
G120/SG0.2

Surface blast cleaning of stainless steel plates, thin steel plates, non ferrous alloys, dacromet coat.

SPECIFICATION HIGH CARBON STEEL SHOT

Chemical composition	(C): 0.80 - 1.20%	(Mn): 0.35 - 1.20%	(Si): ≥ 0.40	(S): ≤ 0.05%	(P): ≤ 0.05%
Hardness	40 - 50HRC, 52 - 56HRC, 56 - 60HRC				
Hardness deviation	Max. deviation ±3.0 HRC				
Microstructure	Tempered martensite or sorbite				
Density	7.4 g/cm ³				
Bulk density	4.4 g/cm ³				

mesh	mm	SS-2.5	SS-2.0	SS-1.7	SS-1.4	SS-1.2	SS-1.0	SS-0.8	SS-0.6	SS-0.5	SS-0.3
7	2.80	all pass									
8	2.36		all pass								
10	2.00	85%min		all pass	all pass						
12	1.70	97%min	85%min		5%max	all pass					
14	1.40		97%min	85%min		5%max	all pass				
16	1.18			97%min	85%min		5%max	all pass			
18	1.00				96%min	85%min		5%max	all pass		
20	0.850					96%min	85%min		10%max	all pass	
25	0.710						96%min	85%min		10%max	
30	0.600							96%min	85%min		all pass
35	0.500								97%min		10%max
40	0.425									85%min	
45	0.355									97%min	
50	0.300										80%min
80	0.180										90%min
120	0.125										
200	0.075										
325	0.045										
SAE J444		S-780	S-660	S-550	S-460	S-390	S-330	S-280	S-230	S-170	S-110

SPECIFICATION HIGH CARBON STEEL GRIT

Chemical composition	(C): 0.80 - 1.20%	(Mn): 0.60 - 1.20%	(Si): ≥ 0.40	(S): ≤ 0.05%	(P): ≤ 0.05%
Hardness	GP: 42 - 52HRC, GL: 53 - 60HRC, GH: 60 - 64HRC				
Hardness deviation	Max. deviation ±3.0 HRC				
Microstructure	Tempered martensite or sorbite				
Density	7.6 g/cm ³				
Bulk density	4.2 g/cm ³				

mesh	mm	SG-2.5	SG-2.0	SG-1.7	SG-1.4	SG-1.2	SG-1.0	SG-0.7	SG-0.4	SG-0.3	SG-0.2
7	2.80	all pass									
8	2.36		all pass								
10	2.00	80%min		all pass							
12	1.70	90%min	80%min		all pass						
14	1.40		90%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	70%min		all pass		
30	0.600										
35	0.500										
40	0.425						80%min	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 J444		G-10	G-12	G-14	G-16	G-18	G-25	G-40	G-50	G-80	G-120