



STEEL SHOT

Composition & Content

C	0.85 ~ 1.2%
Si	0.40 ~ 1.2%
S	<0.05%
P	<0.05%
Mn	0.6 ~ 1.2%

Physical Data

Appearance/Shape	Black Round Ball
Hardness	40 ~ 50 HRC
Bulk Density	≥4450 kg/m ³
Particle Specific Gravity	≥7.4 g/cm ³
Viscosity	None
Smell	None
Solubility	Not soluble in water
Colour	Black, Grey



Packaging: 40 x 25kg/bag = 1 Tonne Pallet

SAE Steel Shot Size Specifications:

(Screen opening sizes and screen numbers with max. and min. cumulative percentage allowed on corresponding screens)

Screen No	Screen Size (in)	Metric Size (mm)	SAE Shot Number										
			S780	S660	S550	S460	S390	S330	S280	S230	S170	S110	S070
7	0.1110	2.80	0%										
8	0.0937	2.36		0%									
10	0.0787	2.00	≥85%		0%	0%							
12	0.0661	1.70	≥97%	≥85%		≤5%	0%						
14	0.0555	1.40		≥97%	≥85%		≤5%	0%					
16	0.0469	1.18			≥97%	≥85%		≤5%	0%				
18	0.0394	1.00				≥96%	≥85%		≤5%	0%			
20	0.0331	0.850					≥96%	≥85%		≤10%	0%		
25	0.0280	0.710						≥96%	≥85%		≤10%		
30	0.0232	0.600							≥96%	≥85%		0%	
35	0.0197	0.500								≥97%		≤10%	
40	0.0165	0.425									≥85%		0%
45	0.0138	0.355									≥97%		≤10%
50	0.0117	0.300										≥80%	
80	0.0070	0.180										≥90%	≥80%
120	0.0049	0.125											≥90%

**Note: Data may vary depending on raw materials and manufacturing processes used.

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