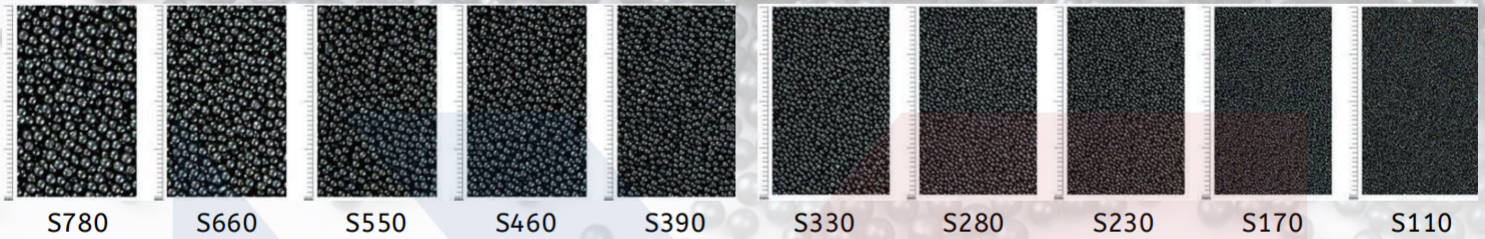


High-Performance Metal Abrasives Manufacturer | Global Supply

CAST STEEL SHOT



Steel Shots Size Specification

SAE NO.	BIS NO.	Size in mm	2.80 mm	2.40 mm	2.00 mm	1.70 mm	1.40 mm	1.18 mm	1.00 mm	0.850 mm	0.710 mm	0.600 mm	0.500 mm	0.425 mm	0.355 mm	0.180 mm
S-70	SS-180	0.180														
S-110	SS-300	0.300										All pass	10% Max		80% Min	90% Min
S-170	SS-425	0.425								All pass	10% Max			85% Min	97% Min	
S-230	SS-600	0.600							All pass	10% Max		85% Min	97% Min			
S-280	SS-710	0.710						All pass	5% Max		85% Min	96% Min				
S-330	SS-850	0.850					All pass	5% Max		85% Min	96% Min					
S-390	SS-1000	1.000				All pass	5% Max		85% Min	96% Min						
S-460	SS-1180	1.180			All pass	5% Max		85% Min	96% Min							
S-550	SS-1400	1.400			All pass		85% Min	97% Min								
S-660	SS-1700	1.700		All pass		85% Min	97% Min									
S-780	SS-2000	2.000	All pass		85% Min	97% Min										
S-930	SS-2400	2400.000		90% Min	97% Min											
Retention on Sieve Size			2.80 mm	2.40 mm	2.00 mm	1.70 mm	1.40 mm	1.18 mm	1.00 mm	0.850 mm	0.710 mm	0.600 mm	0.500 mm	0.425 mm	0.355 mm	0.180 mm

Chemical Analysis chart for Cast Steel Shot

Content	Steel Shots
%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 Shot

Content	Steel Shots
Hardness	HRC 40 to 50
Hardness Deviation	Max Deviation ± 3.0 HRC
Density	7.4 mg/ml min
Microstructure	Even tempered martensite