

Cast steel shot



Cast Steel Shot:

commonly known as Steel Shots, Steel Abrasives, shot, alloy steel shot, steel particles and steel shot steel grit are the substitute products of cast iron shot and iron shot, and are also known as shot blasting abrasives, shot blasting machine abrasives, shot blasting materials, shot blasting materials, shot blasting abrasives, sand blasting abrasives, sand blasting consumables and sand blasting.

Technical indicators

Name	Cast steel shot (steel shot)	
chemical composition	C	0.70-1.20%
	Mn	0.35-1.20%
	Si	0.40-1.20%
	S	≤0.05%
	P	≤0.05%
Average hardness (Measured under 500g load.)	Routine: 40-50HRC (377-509HV) Special: 52-56HRC (543-620HV) Special: 56-60HRC (620-713HV)	
Hardness deviation	The maximum deviation range is $\pm 3.0\text{HRC} \pm 40\text{HV}$	
Metallurgical structure	Uniform tempered martensite or tempered troostite+dispersed carbide.	
Minimum density (Determination by alcohol replacement method)	7.2g/cm ³	