

PanaShot™ Steel Shot

Standard Blasting Shot

PanaShot™ Standard Blasting Shot is manufactured from high quality steel scrap, melted and atomised using high-pressure water jets to produce spherical steel shot with consistent size and hardness.

The shot is carefully heat treated and tempered to provide a durable and uniform product for blasting applications.

PanaShot™ is designed for efficient descaling of steel components prior to coating, removing mill scale, rust and surface contaminants to produce a clean surface for subsequent processing.

It is widely used in foundry cleaning to remove sand and burnt-on materials from castings, and in centrifugal wheel blasting equipment for high productivity cleaning.

The round shape and controlled hardness of PanaShot™ ensure consistent cleaning performance, good coverage and long service life, helping to reduce overall operating costs.

PanaShot™ Standard Blasting Shot is produced to strict quality control, providing uniform size distribution, density and microstructure for reliable and repeatable blasting performance.

Speciality peening grades are also available. Please refer to the PanaShot™ Steel Shot (Shot Peening) brochure for details.



SAE S780



SAE S660



SAE S550



SAE S460



SAE S390



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STANDARD BLASTING SHOT

SAE Steel Shot Size Specifications:

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

SAE Steel Shot Size Specifications

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%						
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%			
25	0.0280	0.710						≥ 96%	≥ 85%		0%		
30	0.0232	0.600							≥ 96%	≥ 85%	≤ 10%		
35	0.0197	0.500								≥ 97%		0%	
40	0.0165	0.425									≥ 85%	≤ 10%	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%

Standard Blasting Shot Information



Typical Applications

General purpose cleaning, descaling, surface preparation, deflashing and shot blasting of steel components, castings and fabrications.



Key Benefits

High hardness, uniform size, spherical shape and long service life provide efficient cleaning performance and consistent results.



Available Grades

PanaShot™ standard blasting shot is available in a range of SAE sizes to suit different applications. Contact Pan Abrasives for advice on the most suitable grade for your process.

Packaging and Ordering Information



PanaShot™ steel shot is typically supplied in 25 kg bags and 1 tonne bulk bags. Other packaging options may be available on request.

Please contact Pan Abrasives for ordering information, availability and recommended grades for your specific application.