



HC STEEL SHOT

Reliable, quality high carbon steel media that exceeds the topmost manufacturing standards

Manufactured under strict conditions and a unique quenching process, you get an abrasive having optimum resilience, low chloride conductivity and high resistance to fatigue. Used primarily in blasting applications, for desanding in foundries to descaling in steel mills, our steel shot will meet your most demanding needs.



100% Recyclable & 100% reusable



Air quenched



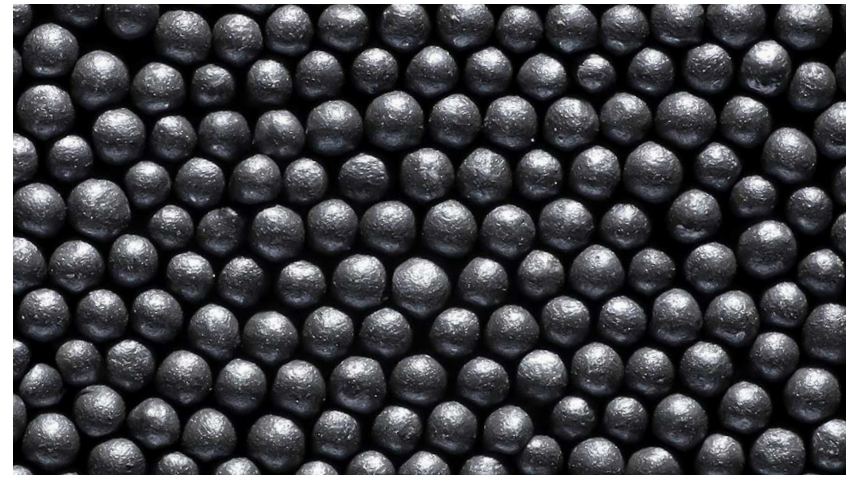
Globally available



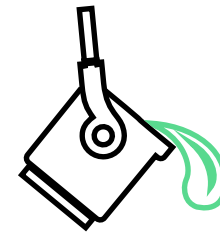
cleaning



preparing



MARKETS AND APPLICATIONS



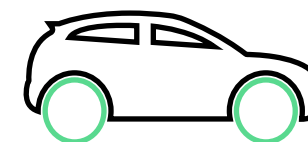
Foundries



Forges



Steel mills



Automotive

USERS BENEFITS

#1 Quality

- State of the art atomizing technologies and highly controlled and unique air quenching process ensuring minimal defects, voids and cracks.
- High sphericity shot for reduced machine wear and high bouncing properties
- Fine and homogeneous martensitic microstructure providing superior durability and resistance.

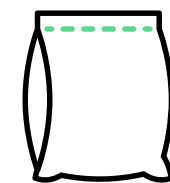
#2 Cost

Our numerous manufacturing plants allow us to produce and deliver at competitive prices with the best cost-benefit ratios of the industry.

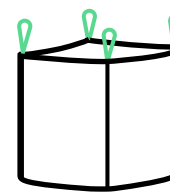
#3 Availability

With 9 manufacturing plants worldwide, and multiple distribution locations, our steel shot is always available for prompt delivery.

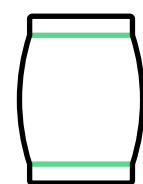
Packaging



BOXED BAGS
1000 kg (2,205 lb)
40 bags of 25 kg (55 lb) per pallet



BIG BAG
1000 kg (2,205 lb)



DRUM
907 kg (2,000 lb)

Customized packing available upon request

SPECIFICATIONS

Chemical analysis	According to standard SAE J827 %C 0,8-1,2 %Si 0,4-1,2 %S < 0,05 %P < 0,05 %Mn 0,35-1,20 : S070 and S110 %Mn 0,50-1,20 : S170 %Mn 0,60-1,20 : S230 and above
Sieve analysis	According to standard SAE J 444
Hardness	40-51 HRC (390 – 530 HV) <i>*other hardness available upon request</i>
Standard deviation	On 10 measurements taken halfway across the particle radius. Arithmetic means of absolute values of deviations: < 3HRC
Standard deviation	± 3Rc or ± 40 HV
Micro-structure x500	Tempered martensite with 15% residual austenite
Minimum density measured by alcohol displacement	> 7.0g/cm
Conductivity	< 30 µS/cm

Product	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
S780	AP		85% min	97% min													
S660		AP		85% min	97% min												
S550			AP		85% min	97% min											
S460			AP	5% max	85% min	96% min											
S390				AP	5% max	85% min	96% min										
S330					AP	5% max	85% min	96% min									
S280						AP	5% max	85% min	96% min								
S230							AP	10% max	85% min	97% min							
S170								AP	10% max	85% min	97% min						
S110										AP	10% max	80% min	90% min				
S70												AP	10% max	80% min	90% min		
Screen Number	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
Screen Size (mm)	2.80	2.36	2.00	1.70	1.40	1.18	1.00	0.85	0.71	0.60	0.50	0.425	0.355	0.30	0.180	0.125	0.075
Screen Size (inches)	0.111	0.0937	0.0787	0.0661	0.0555	0.0469	0.0394	0.0331	0.0278	0.0234	0.0197	0.0165	0.0139	0.0117	0.007	0.0049	0.0029

Cumulative Size Distribution (%)

*Document for informational purposes only. Not contractual. Contact your local representative for latest version of the technical data sheets.

W Abrasives
by WinoA

