

COLD FORGE STEEL SHOT & GRIT

A fast cleaning, low cost, durable media for all blast cleaning applications

Manufactured under a unique and proprietary process, Winoa Cold Forge Steel Shot & Grit is a great alternative, all-around long lasting blasting media. With a typical average hardness of 44 HRC, and a formed steel microstructure contributing to its strength and fracture resistance, our Cold Forge Steel Media may be your best abrasive option for all your blast cleaning applications.



100% Recyclable
& 100% reusable



Low cost



Cold work



USERS BENEFITS

#1 Low Cost

Due to the in-house and proprietary manufacturing process, which does not require the steel to be cast, the manufacturing cost is thus reduced, saving customers money.

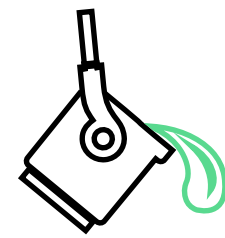
#2 Efficiency

Higher specific density of 7.8g/cc, which increases impact energy and reduces cleaning cycle time.

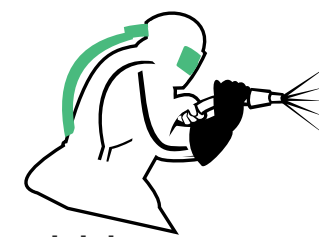
#3 Certified by Winoa

Benefit from the quality guarantee of the largest manufacturer of steel abrasives in the world, as well as non-equivalent technical and commercial support on the market.

MARKETS AND APPLICATIONS



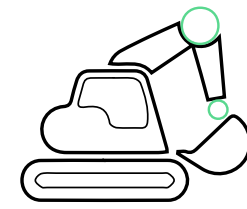
Foundries



Airblast

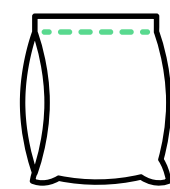


Railways

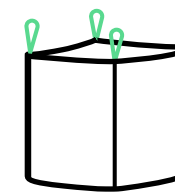


Contractors

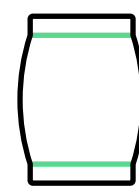
Packaging



BOXED & PALLETIZED BAGS
1000 kg (2,205 lb)
40 bags of 25 kg (50 lb)



BIG BAG
2,000 lb
4,000 lb



DRUM
2,000 lb

SPECIFICATIONS

Family	SN Shot	GN Grit
Shape	Semi Round	Angular Shape
Shape in operation	Round	Angular
Chemical composition	C 0.01 – 3.0% Mn 0.10 – 2.0% Si 0.2 – 3.0% S 0.1% max P 0.1% max Fe Balance by subtraction	
Hardness	Typical: 44HRC 40-51 HRC (544-613 HV)	Typical: 44HRC 40-51 HRC (544-613 HV)
Microstructure	Formed steel micro-structure from certified premium steel turnings.	Formed steel micro-structure from certified premium steel turnings.
Minimum density measured by alcohol displacement	> 7.8g/cm ³	> 7.8g/cm ³
Sizes	S70-S660	G25-G80

Product	7	8	10	12	14	16	18	20	25	30	35	40	45	50	80	120	200
SN.660		AP		85% min	97% min												
SN.550			AP		85% min	97% min											
SN.460			AP	5% max		85% min	96% min										
SN.390				AP	5% max		85% min	96% min									
SN.330					AP	5% max		85% min	96% min								
SN.280						AP	5% max		85% min	96% min							
SN.230							AP	10% max		85% min	97% min						
SN.170								AP	10% max		85% min	97% min					
SN.110										AP	10% max		80% min	90% min			
GN.25						AP			70% min			80% min					
GN.40							AP					70% min		80% min			
GN.50									AP					65% min	75% min		
GN.80												AP			65% min	75% 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

