



High Carbon Steel Shot

PRODUCT SPECIFICATION SHEET

Chemical Composition

	Min %	Max %
C	0.80	1.20
Si	0.40	1.50
Mn	0.35	1.20
Mn (S170)	0.50	1.20
Mn (S230 - S780)	0.60	1.20

Microstructure Uniform Martensite tempered to a degree consistent with the Hardness range.

Hardness	S	40 - 51 HRc

Sieve Sizes		STEEL ABRASIVE SIEVE SPECIFICATIONS AS PER SAE J444 & J827 & J925										
Sieve No.	mm	S780	S660	S550	S460	S390	S330	S280	S230	S170	S110	S70
7	2.80	All Pass										
8	2.36		All Pass									
10	2.00	85% Min		All Pass	All Pass							
12	1.70	97% Min	85% Min		5% Max	All Pass						
14	1.40		97% Min	85% Min		5% Max	All Pass					
16	1.18			97% Min	85% Min	5% Max	All Pass					
18	1.00				96% Min	85% Min	5% Max	All Pass				
20	0.850					96% Min	85% Min	10% Max	All Pass			
25	0.710						96% Min	85% Min	10% Max			
30	0.600							96% Min	85% Min		All Pass	
35	0.500								97% Min	10% Max		
40	0.425									85% Min		All Pass
45	0.355									97% Min		10% Max
50	0.300										80% Min	
60	0.250										90% Min	
80	0.180											80% Min
120	0.125											90% Min

High Carbon Steel Shot

- High Quality
- Consistant Screen Analysis
- Durable
- Retains Shape
- Allows control of surface profile
- Cost effective alternative to mineral Abrasives
- Significant reduction in stock and logistics.

Manufactured By WINOA, North America, Europe & South Africa

Abrasives-MFG LLC and Sigma Wear Parts (Pty) Ltd have a policy of continual product development, as such please note !
 The above specifications were correct at timeof publication, Abrasives-MFG LLC and Sigma Wear Parts (Pty) Ltd reserve the right to change the above specifications at any time without notice. Please contact Abrasives-MFG LLC and confirm the sizing prior to placing any order.