



# Product Data Sheet

## Stainless Steel Abrasives

SIEVE SIZES	Sieve No.	MM	NICROSHOT and CR17Shot				STAINLESS STEEL SHOT						
			S200	S150	S100	S90	S60	S50	S40	S30	S20	S10	
8	2.360	30% Max	10% Max									NiCro	Cr17
10	2.000			All Pass				Hardness HRC –	30-45	45			
12	1.700	90% Min		10% Max	All Pass			Microstructure -	Austenite	Martensite			
14	1.400				10% Max	All Pass		Specific Density -	>7	>7			
16	1.180		90% Min			10% Max	All Pass						
18	1.000			90% Min			10% Max	All Pass					
20	0.850				90% Min			10% Max					
25	0.710					90% Min							
30	0.600						90% Min		All Pass				
35	0.500								10% Max				
40	0.425							90% Min		All Pass			
45	0.355									10% Max			
50	0.300											All Pass	
80	0.180								90% Min			10% Max	
120	0.125									75% Min			

SIEVE SIZES	Sieve No.	MM	TUFGRIT -				STAINLESS STEEL GRIT						
			D12	D14	D18	D25	D40	D50	D80	D120			
8	2.360	All Pass										Hardness – RC 56-58	
10	2.000		All Pass									Tempered martensite	
12	1.700											With Chrome carbides	
14	1.400	90% Min		All Pass								Specific Density >7	
16	1.180		90% Min		All Pass								
18	1.000					All Pass							
20	0.850												
25	0.710			90% Min				All Pass					
30	0.600												
35	0.500												
40	0.425				90% Min				All Pass				
50	0.300					90% Min				All Pass			
80	0.180						90% Min						
120	0.125							80% Min					

CHEMICAL ANALYSIS (Shot and Grit)			
	NicroShot	Cr17Shot	TufGrit
Carbon	0.05-0.2%	0.05-0.35%	1.9-2.2%
Silicon	1.8-3.5%	1.8-3.0%	1.8-2.2%
Manganese	0.7-1.2%	0.7-3.5%	0.7-1.2%
Chrome	16-20%	15-18%	27-30%
Nickel	6-9%	0-2%	0-0.5%