

# CHRONITAL SCREEN ANALYSIS

**Stainless steel, rust proof, spherical.**

**Chemical composition:** C = 0.17%, Cr = 18%, Ni = 10%, Si = 1.8%, Mn = 1.2%

**Microstructure:** Austenitic

**Hardness:** on delivery = 300 HV (~30 HRC), as operating mix = 450 HV (~45 HRC)

**Apparent density:** = 4.7 kg/dm<sup>3</sup>

	Sieve-size mm	3.5	3.0	2.5	2.0	1.7	1.4	1.25	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.14	0.09	<0.09	
<b>Grittal</b>	<b>Chronital</b>																			
G 10	S 10															5% max.				10% max.
G 20	S 20														5% max.				90% min.	
G 30	S 30												5% max.						90% min.	
G 40	S 40									5% max.									90% min.	
G 50	S 50								5% max.				90% min.							
G 60	S 60							5% max.				90% min.								
G 100	S 100						5% max.		90% min.											
G 150	S 150					5% max.		90% min.												
G 200	S 200				5% max.		90% min.													
G 300	S 300		5% max.			90% min.														
	Sieve-size inch	0.138	0.118	0.098	0.078	0.066	0.055	0.049	0.039	0.033	0.028	0.023	0.020	0.016	0.012	0.008	0.006	0.004	<.004	
	Mesh	~6	~7	~8	10	12	14	16	18	20	25	30	35	40	50	70	100	170	>170	

## VULKAN BLAST SHOT TECHNOLOGY

Division of VULKAN HAREX Steelfiber (North America) Inc.

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