



DURASHOT

LONG LIFE STEEL SHOT



DURASHOT. You only see it twice. First time, when it's new and poured into the machine. Next time, when it is dumped from the dust collector a few weeks later, as waste dust.

So, as a consumable item, you want to consume as little as possible, with maximum blasting output. This is exactly what DuraShot will do for you.

Our first steel abrasive product was DuraGrit. If you are familiar with it, you will know it is a longer lasting alternative to conventional cast steel grit. DuraShot has been developed with the same raw material used for DuraGrit, forged steel offcuts used in the manufacture of bearings.

Bearings are manufactured from high carbon chromium steel. This material is inherently tougher than regular high carbon steel due to the additional alloying element, chromium. Bearing steels provide exceptional wear-resistance, which is one of the key quality requirements in making bearings. This is the raw material used for making DuraShot.

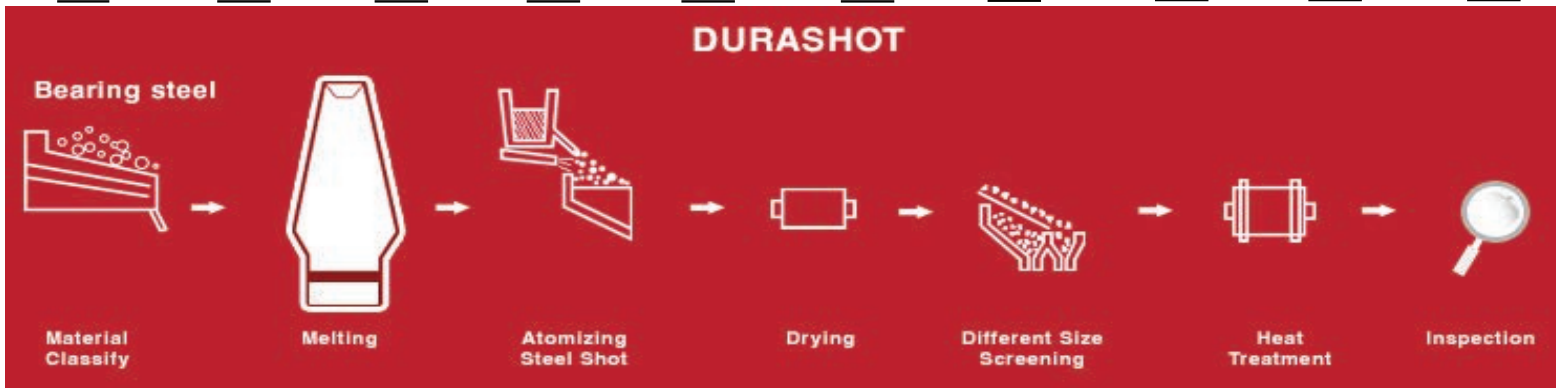
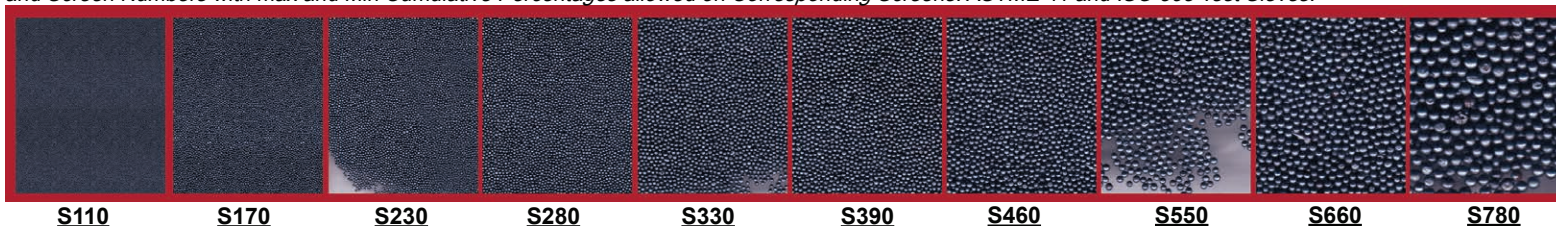
DuraShot is a high carbon steel shot that will hammer the surface and obliterate the mill scale. The high hardness and fast cutting action creates high blasting production rates. Due to the additional toughness of the raw material used to produce DuraShot, it will break down at a lower rate than conventional high carbon steel shot.

Using DuraShot will reduce your descaling costs without compromising on production output rates.

CHEMICAL COMPOSITION AND PHYSICAL CHARACTERISTICS - SAEJ1993		
	DURASHOT ST	DURASHOT SP
HARDNESS	40-50 HRC (337-509 HV)	>52 HRC (>540 HV)
MICROSTRUCTURE	Fine and Homogeneous Tempered Troostite	Fine and Homogeneous Tempered Martensite
CHEMICAL COMPOSITION		
Carbon	0.70-1.20%	
Manganese	0.40 - 1.20%	
Silicon	0.40 - 1.20%	
Sulfur	≤0.05%	
Phosphorus	≤0.05%	
Chrome	0.35 - 1.00%	
DENSITY	≥7.2g/cm3	
APPEARANCE	Spherical	

SAE SIZE	OPENING		S070	S110	S170	S230	S280	S330	S390	S460	S550	S660	S780
	mm	in											
7	2.80	.1110											All Pass
8	2.36	.0937										All Pass	
10	2.00	.0787								All Pass	All Pass		Min 85%
12	1.70	.0661							All Pass	Max 5%		Min 85%	Min 97%
14	1.40	.0555						All Pass	Max 5%		Min 85%	Min 97%	
16	1.18	.0469					All Pass	Max 5%		Min 85%	Min 97%		
18	1.00	.0394				All Pass	Max 5%		Min 85%	Min 96%			
20	.850	.0331			All Pass	Max 10%		Min 85%	Min 96%				
25	.710	.0278			Max 10%		Min 85%	Min 96%					
30	.600	.0234		All Pass		Min 85%	Min 96%						
35	.500	.0197		Max 10%		Min 97%							
40	.425	.0165	All Pass		Min 85%								
45	.355	.0139	Max 10%		Min 97%								
50	.300	.0117		Min 80%									
80	.180	.0070	Min 80%	Min 90%									
120	.125	.0049	Min 90%										

Screen Opening Size (in-mm) and Screen Numbers with max and Min Cumulative Percentages allowed on Corresponding Screens. ASTM E-11 and ISO 565 Test Sieves.



Specialty blasting abrasives by:
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