

AMACHROME®



The Ervin technology for stainless steel abrasives is the most advanced worldwide. Our production in Sprockhövel, Germany, combined with the knowledge of our technology centre in Tecumseh, USA, makes AMACHROME one of the highest quality ferritic stainless shots.

Continuous quality control, in combination with the cutting-edge production process, guarantees consistently high performance.

AMACHROME is ideal for:

- Automatic wheel blast machines
- Air blast systems
- Surface preparation
- Surface cleaning
- Surface finishing

Example applications:

- Aluminium and zinc die casting
- Aluminium profiles
- Natural stone and concrete parts
- Aluminum, brass and stainless steel forgings

Key benefits:

- Highest durability
- Lowest consumption
- Highest productivity, lowest cost
- Reduced wear
- Rust-free and clean surfaces
- Local technical support

AMACHROME®

Specification: ISO 11124-6 SS1 (Shot)

AMACHROME

Chemical analysis		Hardness		Density	
C	≈ 0.1 %	New material	≈ 290 HV (29 HRC)	Specific density	≈ 7,0 g/cm ³
Mn	≈ 1.2 %	Operating mix	≈ 350 HV (36 HRC)	Bulk density	≈ 4,5 g/cm ³
Si	≈ 1.9 %	Microstructure	Shape	Packaging	
Cr	≈ 18.0 %	Ferrite	Shot (Roundness > 70%)	500 kg Euro pallet: 20 poly bags x 25 kg 1 ton Big Bag	

AMACHROME	300	200	150	100	60	50	40	30	20	10
4,000 mm	0									
3,350 mm	<10 %									
2,800 mm		0								
2,360 mm		<10 %	0							
2,000 mm			<10 %	0						
1,700 mm	>70 %			<10 %	0					
1,400 mm		>90 %			<10 %	0				
1,180 mm			>90 %			<10 %				
1,000 mm							0			
0,850 mm				>90 %			<10 %			
0,710 mm					>90 %					
0,600 mm								0		
0,500 mm						>90 %		<10 %		
0,425 mm									0	
0,355 mm									<10 %	
0,300 mm							>90 %			0
0,250 mm										<10 %
0,180 mm										
0,125 mm								>90 %		
0,075 mm									>85 %	
0,045 mm										>85 %
ISO	S170	S140	S118	S085	S071	S050	S030	S012	S007	S004

Special sizes are available upon request.

Cumulative size distribution.

ERVIN
STAINLESS

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The World Standard for Quality

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