ERVIN
STAINLESS

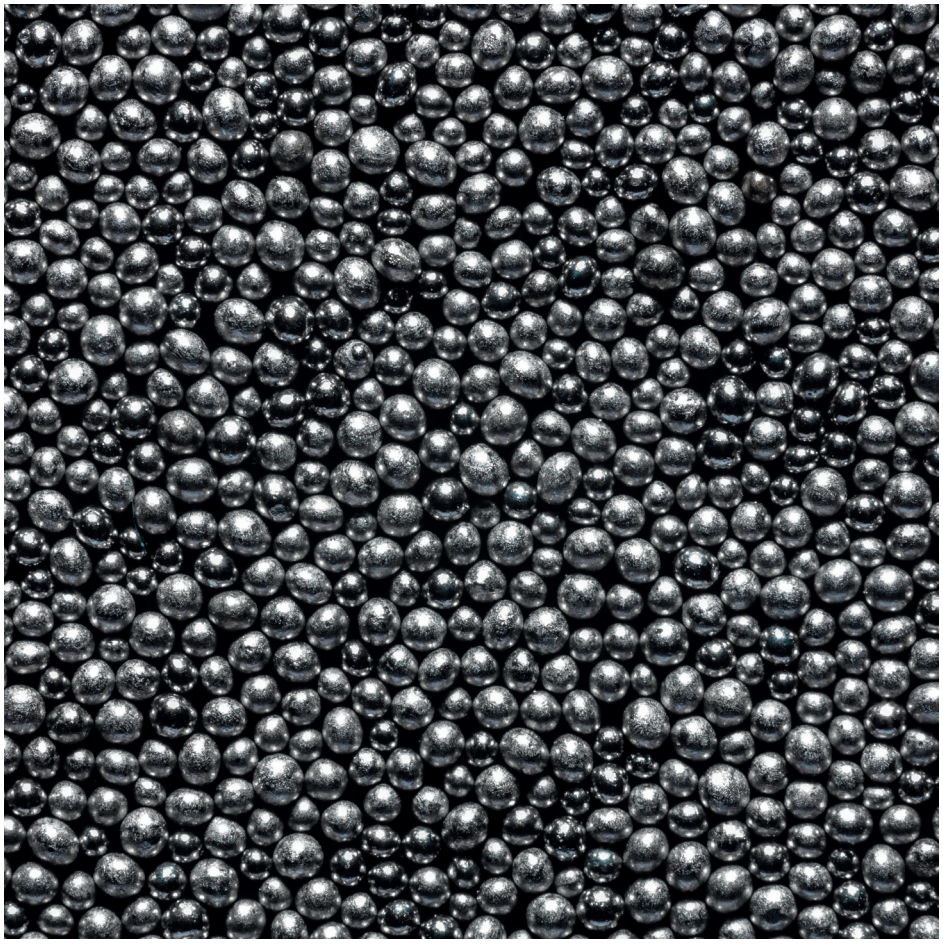
The World Standard for Quality

AMACAST®









The Ervin technology for stainless steel abrasives is the most advanced worldwide. AMACAST is produced in Tecumseh, USA, using a process developed in the aerospace defence sector, unique in the abrasives industry. This, combined with the knowledge of the stainless team in Sprockhövel, Germany, makes AMACAST the highest quality austenitic stainless shot.

Continuous quality control and production in a controlled atmosphere guarantees consistently high performance.

AMACAST is ideal for:
- Automatic wheel blast machines
- Air blast systems
- Surface preparation
- Surface cleaning
- Surface finishing

Example applications:
- Aluminium and zinc die casting
- Stainless steel casting
- Welded stainless steel structures (engineering)
- Aluminium and stainless profiles
- Aluminium, brass and stainless steel forgings

Key benefits:
- Lowest consumption
- Highest productivity, lowest cost
- Highest roundness (> 90%)
- High gloss finished surface
- Reduced wear
- Rust-free and clean surfaces
- Local technical support

AMACAST®

Specification: ISO 11124-6 SS2 (Shot)

AMACAST					
Chemical analysis		**Hardness**		**Density**	
C	≈ 0.2 %	New material	≈ 220 HV (< 20 HRC)	Specific density	≈ 7,0 g/cm³
Mn	≈ 2.0 %	Operating mix	≈ 470 HV (47 HRC)	Bulk density	≈ 4,5 g/cm³
Si	≈ 3.0 %	**Microstructure**	**Shape**	**Packaging**	
Cr	16 - 20 %	Homogenous austenitic	Shot (Roundness > 90%)	500 kg Euro pallet: 20 poly bags x 25 kg 1 ton Big Bag	
Ni	7 - 10 %				

AMACAST	60	50	40	30	20	10
1,700 mm	0					
1,400 mm	<10 %	0				
1,180 mm		<10 %				
1,000 mm			0			
0,850 mm			<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	S071	S050	S030	S012	S007	S004

Special sizes are available upon request.

Cumulative size distribution.

ERVIN STAINLESS

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