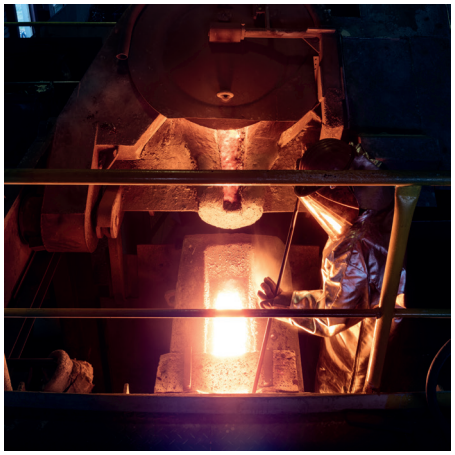
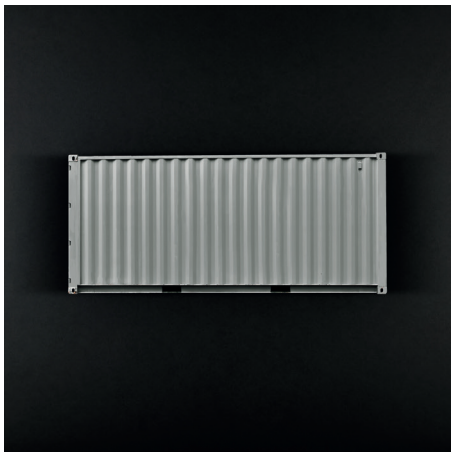
ERVIN
STAINLESS

The World Standard for Quality

AMAGRIT®









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 AMAGRIT one of the highest quality martensitic stainless grits.

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

AMAGRIT is ideal for:
- Air blast systems
- Surface preparation for coating
- Surface cleaning
- Surface finishing
- Replacement of aluminium oxide and other mineral abrasives

Example Applications:
- Welded stainless steel structures (engineering)
- Granite, natural stone and concrete parts
- Aluminium profiles prior to coating
- Stainless steel forgings

Key benefits:
- Lowest consumption
- Highest productivity, lowest cost
- Significant savings vs. mineral abrasive
- Reduced dust & waste disposal
- Rust-free and clean surfaces
- Local technical support

AMAGRIT®

Specification: ISO 11124-7 (Grit)

AMAGRIT					
Chemical analysis		**Hardness**		**Density**	
C	≈ 2.2 %	New material	≈ 675 HV (58 HRC)	Specific density	≈ 7,3 g/cm³
Mn	≈ 1.3 %	Operating mix	≈ 720 HV (61 HRC)	Bulk density	≈ 4,0 g/cm³
Si	≈ 2.6 %	**Microstructure**		**Packaging**	
Cr	25 - 30 %	Martensite / Chromium carbides		500 kg Euro pallet with 20 poly bags x 25 kg 1 ton Big Bag	

AMAGRIT	60	50	40	30	20	10
1,700 mm	0					
1,400 mm	<10 %					
1,180 mm		0				
1,000 mm		<10 %	0			
0,850 mm			<10 %			
0,710 mm				0		
0,600 mm	>85 %			<10 %		
0,500 mm						
0,425 mm					0	
0,355 mm		>85 %			<10 %	
0,300 mm			>85 %			0
0,250 mm						<5 %
0,180 mm				>85 %		
0,125 mm						
0,075 mm					>85 %	
0,045 mm						>85 %
ISO	G060	G035	G030	G018	G007	G004

Special sizes are available upon request.

Cumulative size distribution.

ERVIN STAINLESS

Ervin Germany GmbH
Auf dem Bruch 11
45549 Sprockhövel, Deutschland
stainless@ervin.eu

The World Standard for Quality