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VULKAN INOX WORLDWIDE

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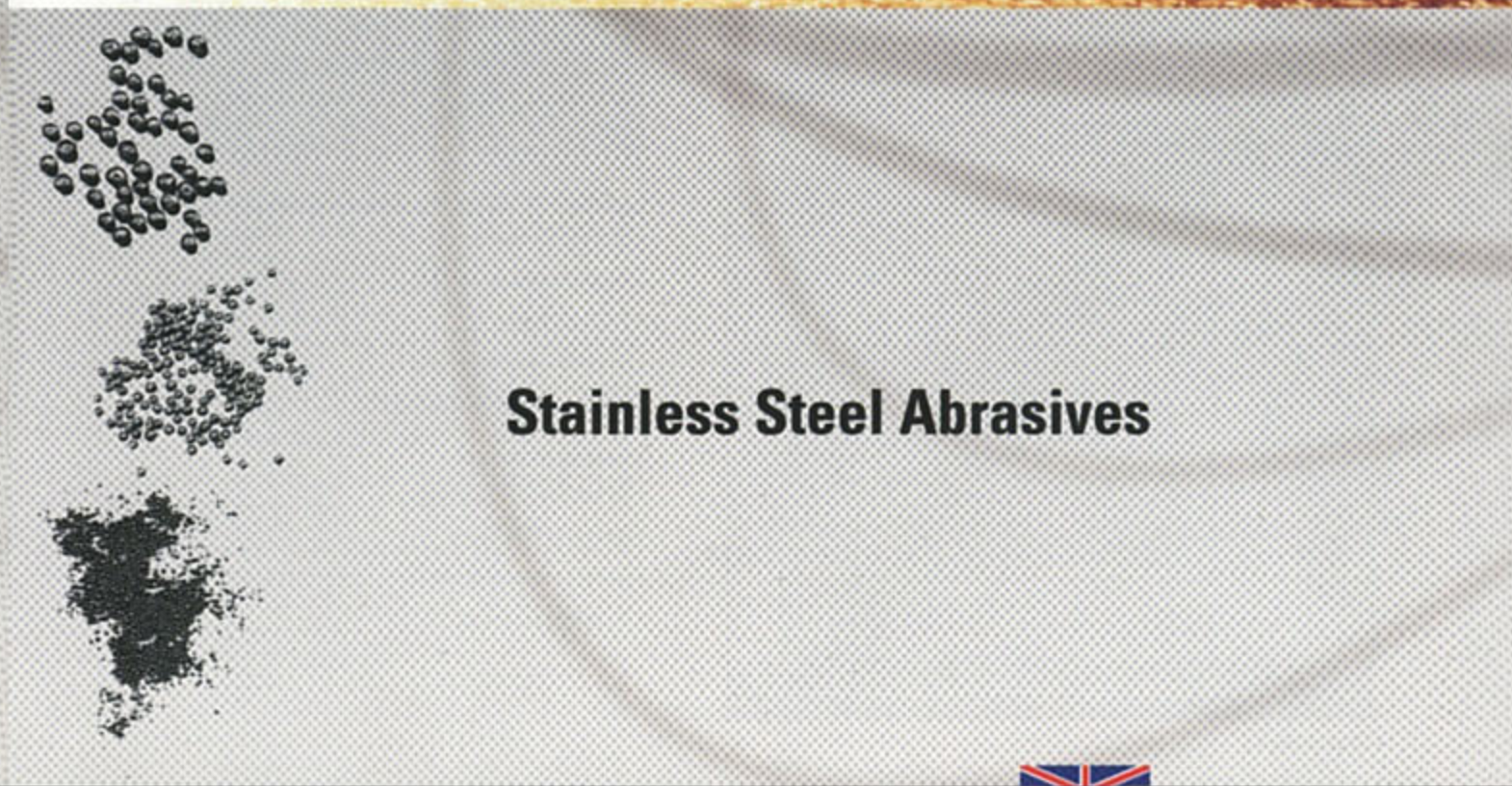
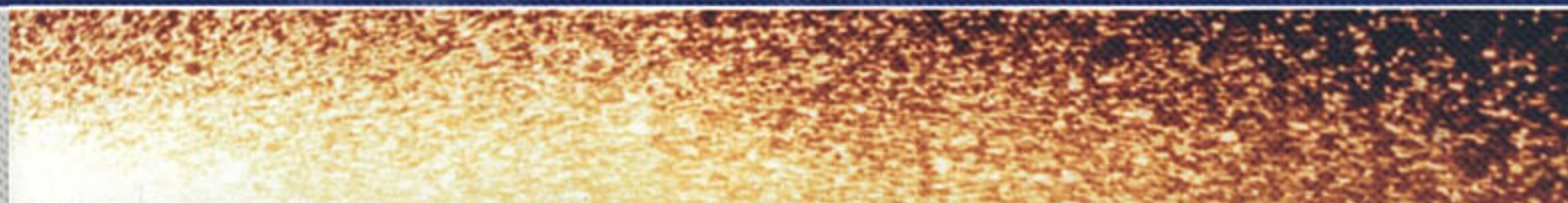
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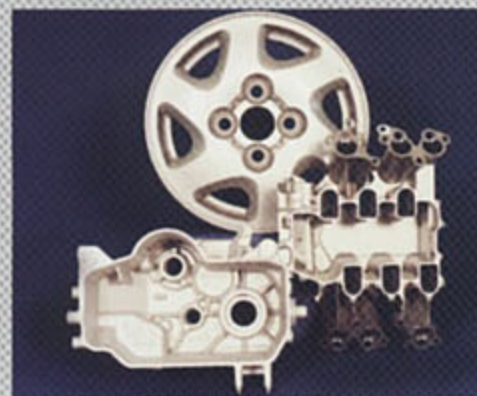
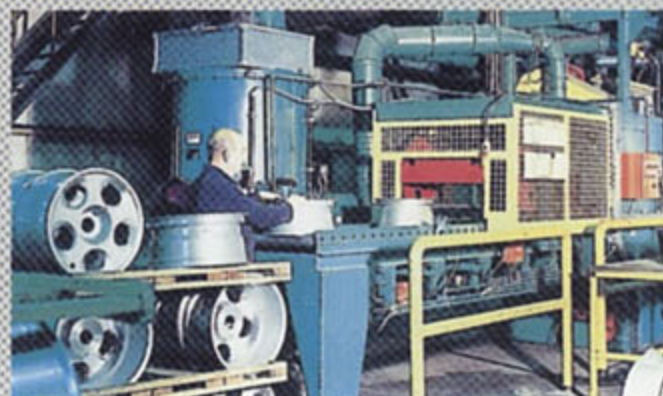
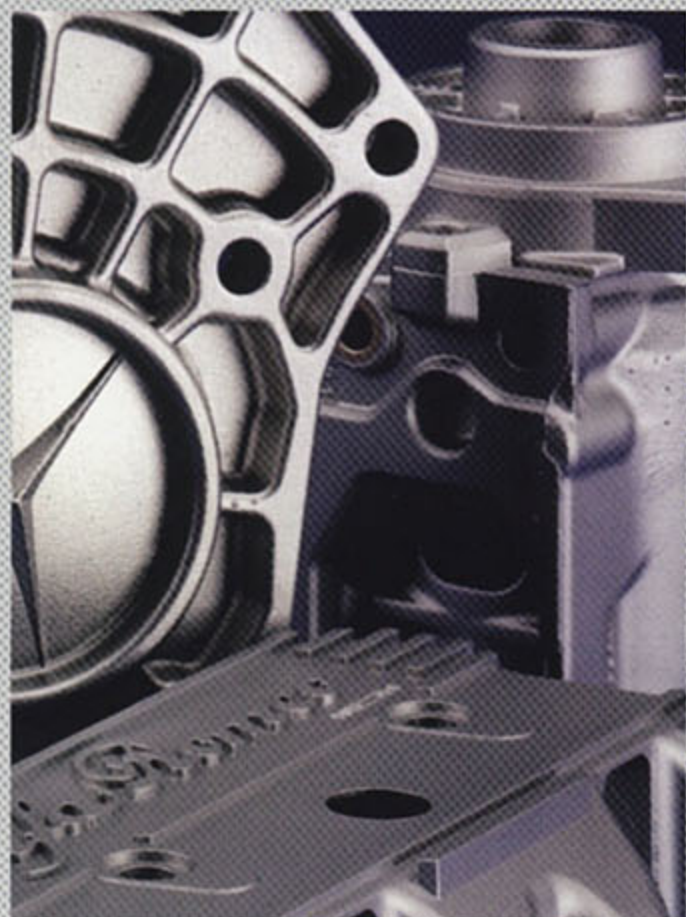
CHRONITAL®



Stainless Steel Abrasives



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CHRONITAL is used in all applications where non-rusting materials such as aluminum, zinc, stainless steel, brass, bronze, etc. are blasted.

CHRONITAL's large spectrum of grain sizes makes it well suited to cleaning, de-burring, hardening and surface finishing of all types of castings, forgings, profiles, wire and welded structural parts, without the possibility that rust could discolor the bright surface due to ferritic dust.

CHRONITAL distinguishes itself by having a high percentage of spherical grains and by its compactness. The end result is low consumption, high performance and low machine wear.

The danger of developing ugly rust spots on the surface of blasted concrete and granite stones due to the remains of ferritic particles is ruled out. Using CHRONITAL on smooth and textured pavers brings out the stones fascinating optics in a favorable way.

Sieve mm	200	150	100	75	50	30	20	10	Sieve inch	mesh
3.5									130	-6
3.0	5% max.								118	-7
2.5									108	-8
2.0	5% max.								100	10
1.7	90% min.	5% max.							100	12
1.5		90% min.	5% max.						100	14
1.25			90% min.	5% max.					100	16
1.0				90% min.	5% max.				100	18
0.8					90% min.	5% max.			100	20
0.7						90% min.			100	25
0.6							90% min.		100	30
0.5								5% max.	100	35
0.4								90% min.	100	40
0.3									100	50
0.2									100	70
0.14									100	100
0.09									100	170
< 0.09									100	< 170

Special screenings are available on request.

Sieve analysis

Areas of Application:

- Blast cleaning, de-burring, surface refinement, surface finishing
- All types of aluminum castings and forgings
- Zinc pressure die castings
- Non-ferrous metals and special alloys
- Stainless steel castings and forgings
- Stainless steel equipment fabrication
- Granite and stone industry

CHRONITAL offers the following advantages:

- Greater durability
- Shorter blasting times
- Brighter finish
- Rust-free surfaces
- Reduced wear on machines

Blasting of metal:

- for effective de-burring
- short blasting times
- perfect surface finish
- Rust-free surfaces



Packaging:

25 kg (55 lbs) PE bags, 500 kg (1100 lbs) per pallet, in protective cardboard and shrink-wrapped 1000 kg (2200 lbs) Big Bags, 750 kg (1650 lbs) drum or 25 kg (55 lbs) canister

Ordering:

Please list the grain size when ordering.

Technical Service:

The use of VULKAN abrasives is supported by our technical service.

The use of VULKAN abrasives is not harmful to your health and it can be recycled.

CHRONITAL®

Cast stainless steel abrasive, rust-proof, spherical

Chemical Analysis: C - 0.17 %, Cr - 18 %, Ni - 10 %, Si - 1.8 %, Mn - 1.2 %
 Microstructure: Austenitic
 Hardness: Delivered - 300 HV (~ 30 HRC)
 Work mix - 450 HV (~ 45 HRC)
 Bulk density: ~ 4.7 g/cm³ (~ 293 lbs/ft³)

