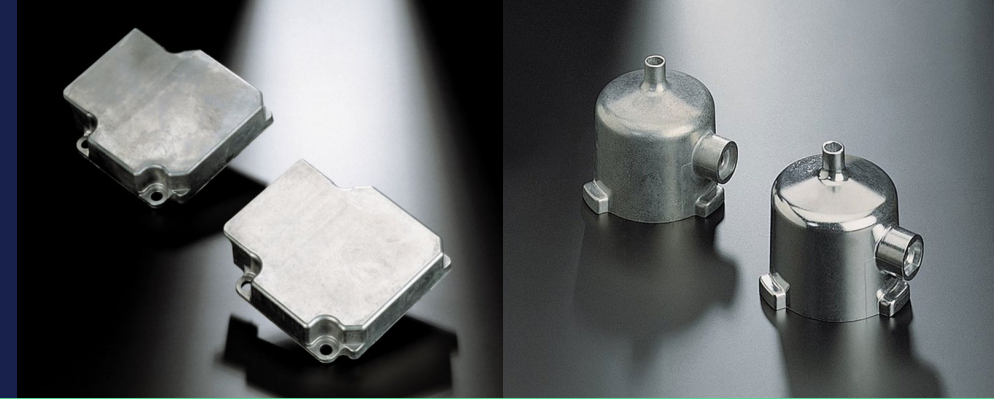


# SPHERO-ZINC

**The Zinc Cut Wire for superior corrosion protection for delicate surface treatments**

Zinc Cut Wire is ideal for paint removal, deflashing, and deburring - especially on delicate parts like aluminum and magnesium castings. It delivers efficient results while minimizing damage to both components and shot blast equipment



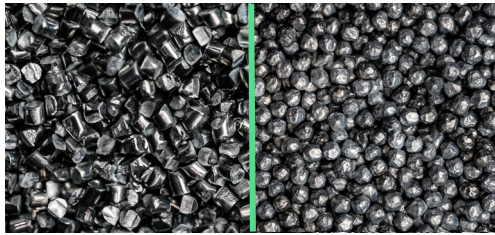
REF: 2025-05-12



peening



cleaning



## USERS BENEFITS

### Safe, corrosion and spark-free

Non-sparking, corrosion-free and electrochemically neutral—ideal for aluminum or magnesium alloys and sensitive environments with explosion risks.

### Gentle on precision parts

Protects delicate components with minimal deformation, making it ideal for thin-walled castings and high-precision applications.

### Efficient and cost-effective

Lightweight, recyclable, and low-dust—reduces equipment wear, lowers maintenance needs, and supports sustainable operations.

### Clean for post-blasting operations

Leaves no hard particle residues in holes or surfaces—ensuring safer, smoother machining, drilling, or tapping compared to steel or stainless media.

## MARKETS AND APPLICATIONS



**Automotive** : engine blocks, cylinder heads, transmission housings, cooling fins...



**Aerospace** : turbine blades, aluminum housings, structural airframe parts.



**Electronics**: aluminum heat sinks, connectors, enclosures, shielding components.



**Medical** : prosthetic components, surgical tools, small aluminum casings, diagnostic equipment housings.

## SPECIFICATIONS

Below you will find the 2 chemical compositions available as standard of our Zinc Cut Wire. Other dimensions, hardness, and specifications available on request..

Material Composition	Pure Zinc 99.995% High-Purity Zinc (ISO 14919)	Zinc-Alloyed 98% Zn / 2% Al approx. [Zn98Al2]
Hardness	approx 30–45 HV0.1	New: ~40 HV Conditioned/rounded: 60-85 HV
Density	7.14 g/cm <sup>3</sup>	
Bulk Density	4.8-5.2 g/cm <sup>3</sup>	
Sizes Available	0.6 mm to 1.8 mm 0,6 mm 1,1mm 0,7 mm 1,2 mm 0,8 mm 1,4 mm 0,9 mm 1,6 mm 1,0 mm 1,8 mm Other sizes on request	
Shape	Cylindrical with sharp edges (As-Cut) / Rounded (G2)	
Standards Met	DIN EN 573-3	

\*Document for informational purposes only. Not contractual. Contact your local representative for latest version of the technical data sheets.

## Packaging

Other packaging available on request



Bags  
25 kg bags standard on  
Euro-Pallet  
(Max 1000 kg)



Metallic Drums  
55 gallon

# winoa

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