



STEEL CONDITIONED CUT WIRE

Frohn conditioned steel and metallic conditioned cut wire for precision peening performance !

Engineered for high-performance shot peening, our Conditioned Steel Cut Wire (CCW) delivers consistent results, extended media life, and great control. Its uniform size, hardness, and roundness make it a great choice for your aerospace, automotive, and industrial applications where fatigue resistance matter most.



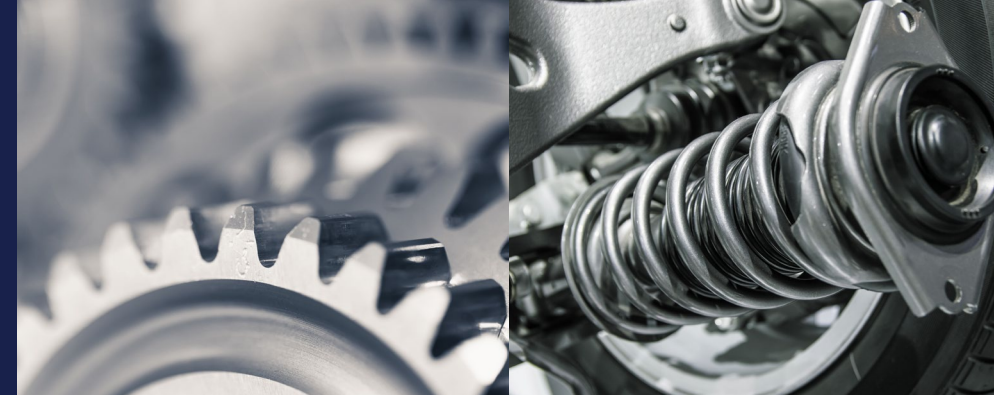
High Quality



High Sphericity



Low dust generation



REF: 2025-05-12



USERS BENEFITS

Exceptional consistency and roundness

Ensures precise and repeatable shot peening performance, reducing variability in treated parts..

Extended media life

High durability and resistance to fragmentation reduce consumption and operating costs.

Improved fatigue strength

Delivers controlled compressive stress, enhancing part longevity and resistance to cracking.

High energy transfer

Higher mass, uniform shape, more power.

MARKETS AND APPLICATIONS



Automotive : Crankshafts, suspension springs, gear components...



Aerospace : turbine blades, metallic housings, structural airframe parts.



Industrial manufacturing: Gears, shafts, dies, and forming tools



Energy & Defense : Armor plates, turbine components, pressure vessels.

SPECIFICATIONS

Below you will find the range available as standard of our conditioned steel Cut Wire. Other dimensions, hardness, and specifications available on request..

Product name & Nominal size (Sieve #)	CW-12 CW-14 CW-17 CW-20 CW-23 CW-28 CW-32	0.3 mm diam 0.35 mm diam 0.4 mm diam 0.5 mm diam 0.6 mm diam 0.7 mm diam 0.8 mm diam	CW-35 CW-41 CW-47 CW-54 CW-62 CW-71 CW-80	0.9 mm diam 1.0 mm diam 1.2 mm diam 1.4 mm diam 1.6 mm diam 1.8 mm diam 2.0 mm diam
(Other sizes available upon request)				
Available Specifications	VDI 8001- DIN 8201-4 – ISO11124-1 - AMS 2431/3 – AMS 2431/8 – SAE J441 GE Spec, BAC Spec, AMS-S-13165... Other specifications upon request			
Chemical composition available	High-carbon Steel / Low-carbon Steel / 1.0517 (C48D) / 1.0586 (C50D) – 1.0609 (C58D) / 1.0617 (C72D) – 1.0614 (C76D) / 1.0626 (C82D) – 1.0616 (C86D)			
Grain shape	As Cut (Cylindrical), G1, G2 and G3			
Hardness Range	45-52 HRc (AMS) – 55-62 HRc (AMS) / 450 HV up to 830 HV Standard: 610 HV0,5/1 – 670 HV0,5/1 640 HV0,5/1 – 700 HV0,5/1 670 HV0,5/1 – 730 HV0,5/1 750 HV0,5/1 – 850 HV0,5/1 Other hardness ranges upon request ther hardness ranges upon request			
General shape	Available in both “as cut” and conditioned forms.			

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

Packaging

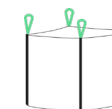
Other packaging available on request



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



Metallic Drums
800 or 1000 kg
On expendable pallets



Big bags
500 or 1000 kg
On expendable
pallets



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preparing tomorrow's surfaces



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