



Abrasive Materials

The Finishing Specialists

Carbon Cut Wire

Overview:

Carbon cut wire is an excellent choice for peening applications when fracturing and splitting of cast steel shot is a concern.

Carbon cut wire does not fracture or split as cast products do, rather it delaminates as it wears. This allows it to maintain its spherical shape.

There are three classifications of conditioning, Type I (As Cut), Type II (Double Conditioned) and Type III (Spherically Conditioned). Abrasive Materials offers carbon cut wire in any of these three classifications.

Our conditioned carbon cut wire meets AMS 2431, SAE J441 and various other aerospace and automotive peening specs.

Benefits

- *Longer life than cast abrasives*
- *No hollows splits or twins*
- *Maintains size and shape longer than cast abrasives*
- *Produces dust free surfaces*
- *Preferred for peening applications in comparison to cast products*
- *Produces less dust than cast products*



*.028" Carbon Cut Wire Double Conditioned
(10X)*



*.020" Carbon Cut Wire Double Conditioned
(10X)*





Carbon Cut Wire

Typical Applications:

- Peening
- Bright Surface Finish Requirements
- Low Dust / Clean Finish Requirements

Technical Data:

Bulk Density:		285 lbs / cf
Hardness:		42 – 52 Rc Or 55 - 62 Rc
Chemical Composition:		
Carbon Steel		
Iron		97.4% Minimum
Carbon		0.45 – 0.85%
Manganese		0.30 – 1.30%
Silicon		0.15 – 0.35%
Phosphorus		0.040 Maximum
Sulfur		0.050 Maximum



*.047" Carbon Cut Wire Double Conditioned
(10X)*

Available Sizes:

	.023"
.010"	.028"
.011"	.032"
.012"	.035"
.014"	.041"
.017"	.047"
.020"	.062"

Other Sizes Available Upon Request

Packaging:

- 50 pound bags
- Other packaging available upon request



Registered to
ISO 9001:2008

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