



Carbon Cut Wire

Overview:

Carbon cut wire is an excellent choice for peening applications. It does not fracture or split as cast products do, rather it delaminates as it wears allowing the shot to maintain its spherical shape. Our conditioned carbon cut wire can be manufactured to meet AMS 2431, SAE J441 and various other aerospace and automotive peening specifications.

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

Typical Applications:

- Peening
- Bright surface finish requirement
- Low dust/clean finish requirements

Bulk Density
285 lbs/f³

Hardness
42-52 HRC
or 55-62 HRC

Chemical Composition
Carbon Steel

Element	C	Mn	S	Si	P	Fe
Weight - %	0.45-0.85%	0.30-1.30%	0.050% Maximum	0.15-0.35%	0.040% Maximum	97.4% Minimum

Cut-Wire size (inches)	Cut-wire size (mm)	Equivalent Cast Shot Size*
.012	0.30	S-70
.014	0.35	S-110
.020	0.50	S-170
.023	0.60	S-190
.028	0.70	S-230
.032	0.80	S-280
.041	1.00	S-330
.047	1.20	S-390
.054	1.40	S-460
.062	1.60	S-550

Packaging:

- 55 pound (25kg) bags
- 2000 pound drums
- Other packaging available upon request



Other sizes available upon request

*AMS 2430L