

STAINLESS CUT WIRE SHOT

Overview:

Stainless steel cut wire is ideal for cleaning or peening operations where ferrous contamination cannot be tolerated. Produced from type 302/304 wire manufactured to rigid specifications, the wire is cut to the same length as its diameter producing a solid, durable piece of shot.

Benefits:

- Produces very bright surfaces
- Produces dust free surfaces
- Available “as cut” or “conditioned”
- No scale contamination
- Conditioned stainless meets AMS2431/4, as well as J441 peening specification

Typical Applications:

- Peening
- Surface finishing where ferrous contamination is of concern
- Bright surface finish requirement
- Low dust/clean finish requirements

Bulk Density
285 lbs/f³

Hardness
45 HRC (Initially)
Work hardens to 50-55 HRC

Chemical Composition
302 / 304 Alloy

| Element | C | Mn | Cr | Ni | S | Si | P | Fe |
|------------|------|------|-----------|------------|------|----|-------|---------|
| Weight - % | 0.8% | 2.0% | 18% - 20% | 8% - 10.5% | .03% | 1% | .045% | Balance |

| 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 |

Other sizes available upon request

*AMS 2430L

Packaging:

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

