Certified wires

Solutions to boost your applications
Define your wires depending on your needs

- Enhance your production quality
- Guarantee the performance of your machine
- Optimize production costs

GF Machining Solutions certified wires

GF Machining Solutions offers you a wide range of certified wires perfectly adapted to your machining requirements. A wire EDM machine has a very wide range of applications and the choice of wire is crucial in order to obtain the best productivity and optimum results in terms of speed, precision and surface finish.

Processes for technological development, product accreditation and production control in cooperation with strategic partners ensure that with GF Machining Solutions certified wire your equipment is operating at peak precision and performance. Even if you do not have any GF Machining Solutions machines, you can benefit from Operations Support.
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Certified wires

Choose the best wire for your production needs

Wire Ø

Minimum radii to cut defined the wire diameter

Ø ≤ 0.1 mm

AC Cut Micro

Ø ≥ 0.1 mm

Ra ≥ 0.3 µm

Machining priority

Surface finish

Ra ≤ 0.3 µm

Detail

Quality

Productivity

Speed

Affordability

Taper

Taper

Generator

Taper

< 8°

> 8°

< 8°

8-20°

> 20°

8-20°

> 20°

AC Cut AH

AC Cut AH 500

AC Cut VS 900+

AC Cut VS 500

AC Cut D 500

AC Cut VH

AC Cut XS

AC Brass 900

AC Brass 500

AC Brass 400

Quality Productivity Speed Affordability

Taper Generator
**Speed**

**AC Cut X | Coated copper core wire**
- Copper core wires with a diffused zinc coating
- Specially developed for GF Machining Solutions machines to boost machining speed
- AC Cut Xcc, the optimal solution when machining speed is the priority
- AC Cut XS, the new generation of X wire
- AC Cut XS is 30 percent faster than brass wire
- AC Cut XS, the best compromise for fast delivery at a reasonable cost

**Quality**

**AC Cut A/G | High Quality Coated brass wire**
- High performance, zinc-coated brass wires
- Specially developed for GF Machining Solutions machine to obtain perfect machining precision and surface finish < Ra 0.1 μm
- Perfect surface homogeneity
- Highest precision on geometrical details and part parallelism
- AC Cut AH, the new generation of A wire
- AC Cut AH, a unique wire for perfect surface quality reducing your production cost by 20 percent
- AC Cut AH 500 is particularly recommended for complex machining with large tapers > 8°
Productivity

AC Cut V | Standard coated brass wire
- Latest generation of brass wire with zinc base alloy
- The answer to the needs of most of mold, punch and die and general mechanics applications
- AC Cut VH, new generation of wire that is the substitution of the AC Cut D
- AC Cut VS 900+ increases machining speed by 25 percent and reduces production cost by 20 percent compare to brass wire
- AC Cut VS 900+, the optimal solution when productivity is the priority
- AC Cut VS 500 is particularly recommended for complex machining with large tapers > 8°

Affordable

AC Brass | Brass wire
- Brass wire made from very pure alloy in order to guarantee consistent quality and performance
- Multipurpose, price-oriented wire
- Suitable for all machines on the market
- Available in different tensile strengths to suit to all taper machining
- AC Brass 950 PF offers better straightness and surface quality
### AC Cut Micro | Fine wire

**AC Cut Micro S/SP-Z**
- High-tensile steel core wire with special coating treatment
- For finest machining with perfect precision and surface finish
- Available in diameters 0.07 to 0.05 mm

**AC Cut Micro A**
- High-tensile zinc coated brass wires
- For high machining quality with fine details
- Available in diameters 0.07 to 0.05 mm

**AC Cut Micro Brass**
- Brass wire made from very pure alloy
- For standard machining with small details
- Available in wire diameters 0.07 to 0.05 mm

**AC Cut Micro TWS**
- Pure tungsten wire
- For finest machining without zinc
- Available in wire diameters 0.03 to 0.02 mm

- 0.10
- 0.07
- 0.05
- 0.03
- 0.02
At a glance

We enable our customers to run their businesses efficiently and effectively by offering innovative Milling, EDM, Laser, Spindle, Automation and Tooling solutions. A comprehensive package of Customer Services completes our proposition.

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