

Certified wires

# Solutions to boost your applications



# Select your wires depending on your needs

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

## Operations Support

Solutions to boost your applications

### GF Machining Solutions certified wires

GF Machining Solutions offers you a wide range of certified wires perfectly adapted to your machining requirements. A wire-cutting 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. The certified wires are homologated as per internal quality processes. Close cooperation takes place with suppliers during the development phase.

Product validation tests are performed to guarantee that wires sold allow GF Machining Solutions machines to operate at peak performance. The work for quality improvement is continuous, when defects are identified by customers an analysis is done to understand the root cause of the problem and prevent re occurrence. At GF Machining Solutions we do everything we can to guarantee smooth operation of your machine.



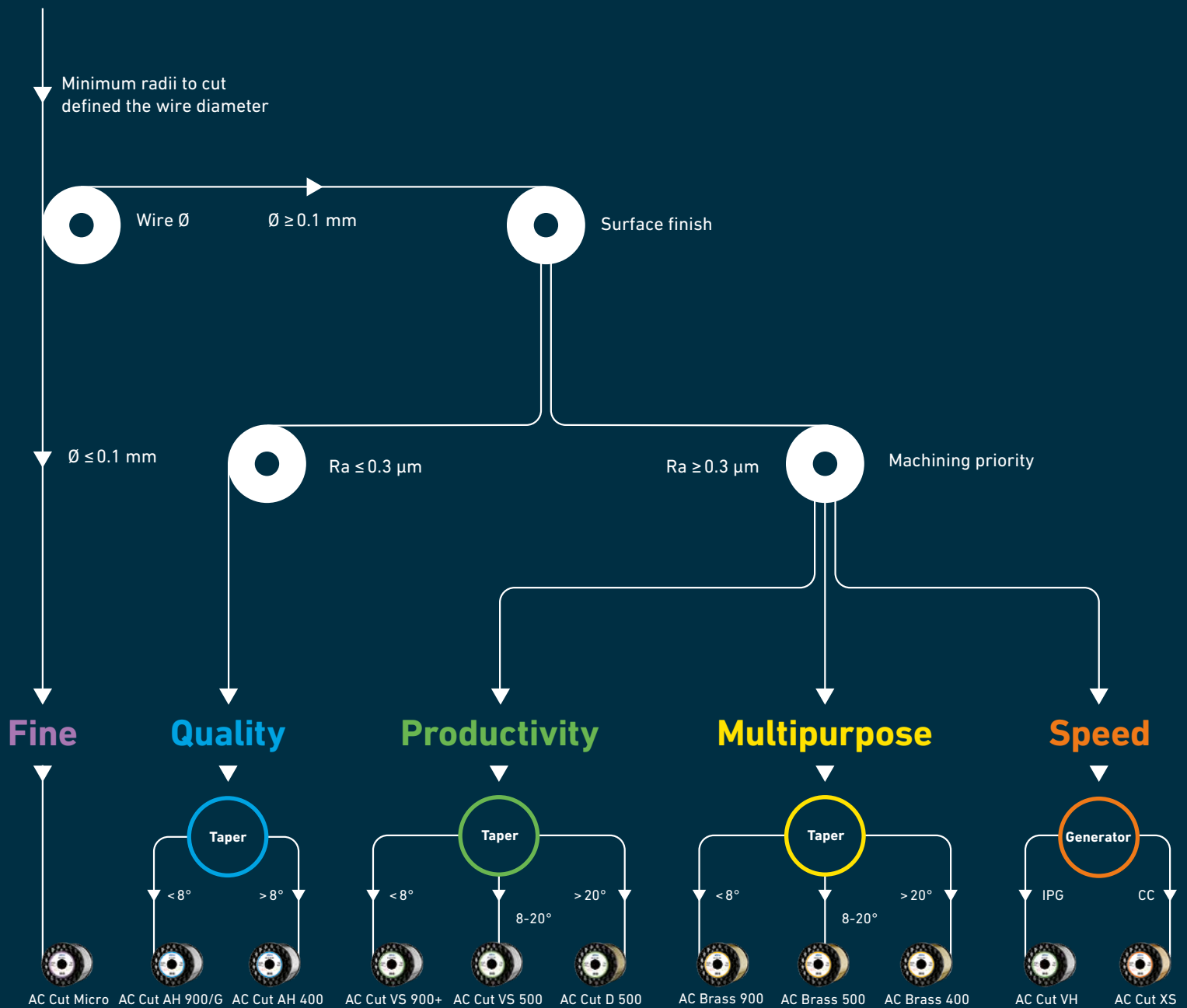
	Speed	Quality	Productivity	Multipurpose	Fine & Dedicated
<b>Premium</b>	AC Cut VH * AC Cut XS AC Cut Xcc AC Cut X	AC Cut AH 900 * AC Cut AH 500/400 * AC Cut A 900/500 * AC Cut G	AC Cut VS 900+ * AC Cut VP 900 * AC Cut VS 900/500 * AC Cut D 800/500 *	AC Brass 1000/900 * AC Brass 500/400 * AC Brass SP 900 * AC Brass 950 PF	AC Cut Micro S/SP-Z AC Cut Micro A/Brass AC Cut Micro TWS/TWSS AC Cut Molybden
<b>Efficiency</b>	AC Cut XL	AC Cut AL 900	AC Cut VL 900	AC Brass LP 1000/900/500	



\* SMART wire 

Certified wires

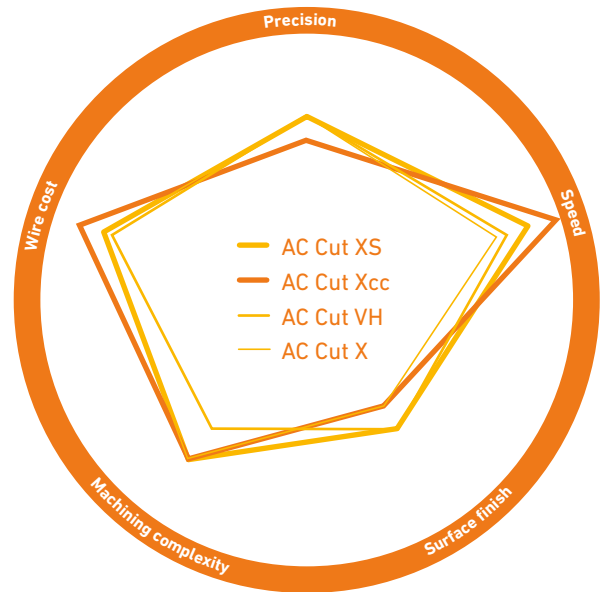
# Choose the best wire for your production needs



# Speed

## Coated copper & brass wires for fastest cutting speed

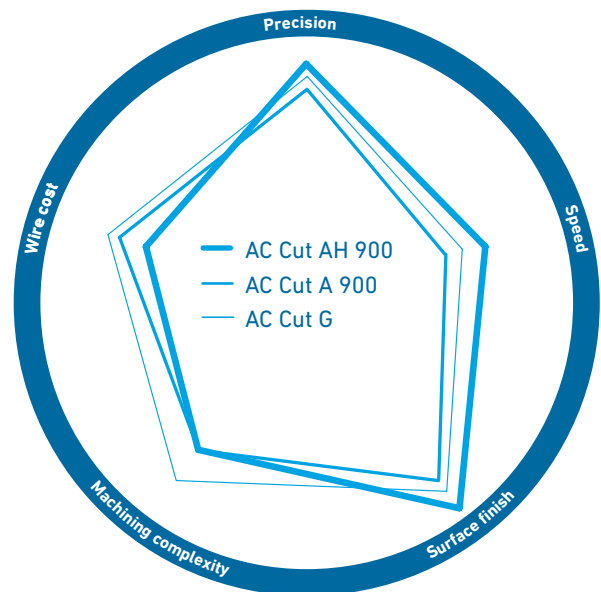
- Wires specially developed for GF Machining Solutions machines to boost machining speed
- AC Cut Xcc, the optimal solution when machining speed is the priority (CC)
- AC Cut VH, best option for speed on AgieCharmilles CUT series machine (IPG)
- AC Cut XS, the new generation of X wire
- AC Cut XS, is 30 percent faster than brass wire
- AC Cut XS, the best compromise for fast delivery at a reasonable cost



# Quality

## Coated brass wires for best surface quality

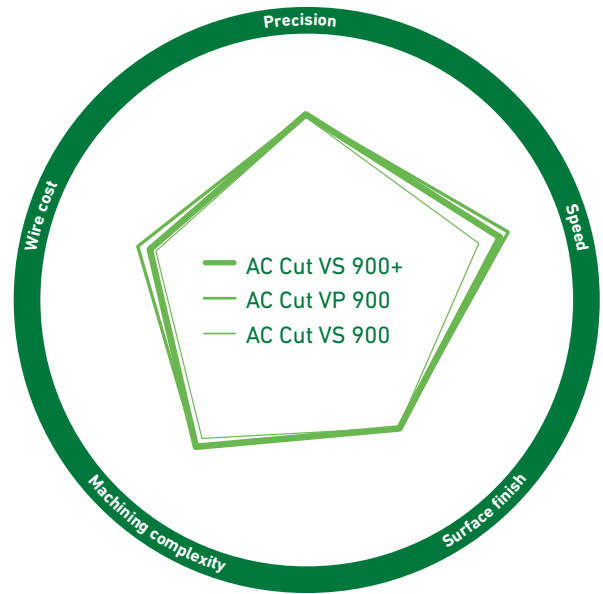
- Wires specially developed for GF Machining Solutions machines to obtain perfect machining precision and surface finish <math>< Ra 0.1 \mu m</math>
- Perfect surface quality homogeneity
- Highest precision on geometrical details and part parallelism
- AC Cut AH 900, the new generation of A wire
- AC Cut AH 900, 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 >  $8^\circ$



# Productivity

## Coated brass wires for optimal productivity

- Wire specially developed for GF Machining Solutions to increase productivity
- The answer to the needs of most of mould, punch and die and general mechanics applications
- AC Cut VS 900+ and AC Cut VP 900 increase machining speed by up to 30 percent and reduce production costs up to 40 percent compared to brass wire
- AC Cut VS 900+ and AC Cut VP 900 are the optimal solutions when productivity is the priority
- AC Cut VS 500 is particularly recommended for complex machining with large tapers  $> 8^\circ$



# Multipurpose

## Brass wires for multipurpose applications

- Brass wire made from very pure alloy in order to guarantee consistent quality and performance
- 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 Brass SP 900 is the latest innovation for brass wire to improve cutting speed by up to 8% against standard brass wires



# Fine & Dedicated

## Fine and special wires for dedicated applications

### 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 0.03 to 0.1 mm

### AC Cut Micro A

- High-tensile zinc coated brass wires
- For high machining quality with fine details
- Available in diameters 0.05 to 0.1 mm

### AC Cut Micro Brass

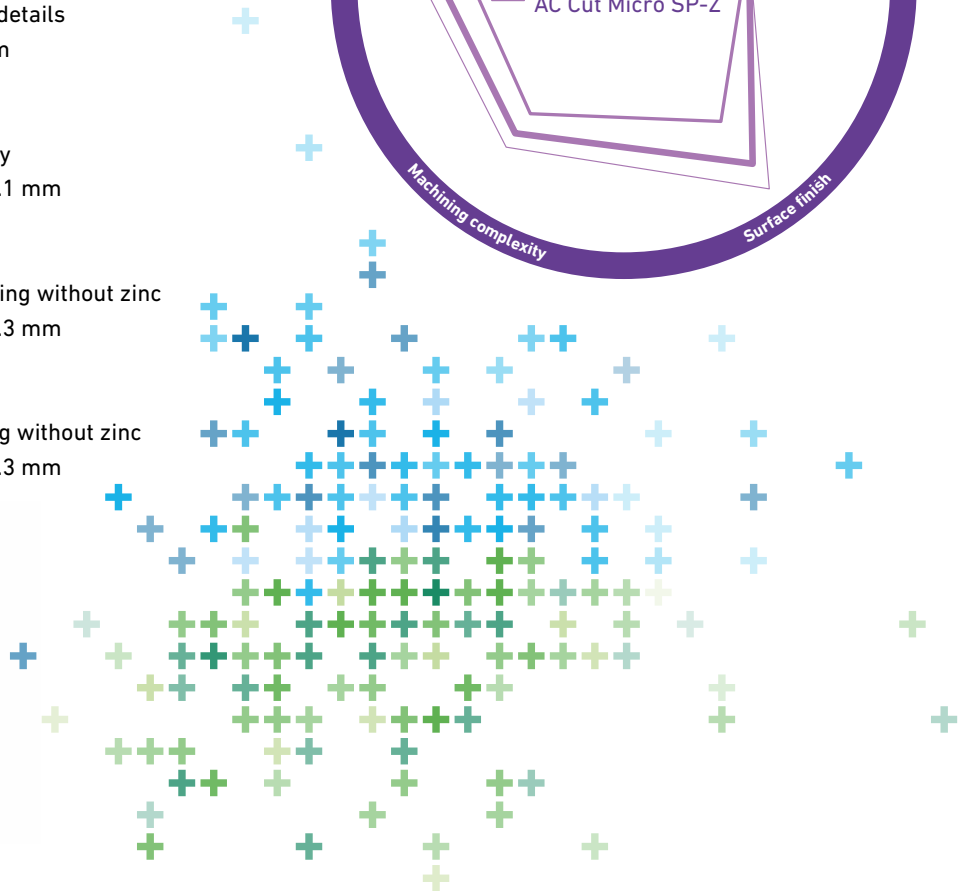
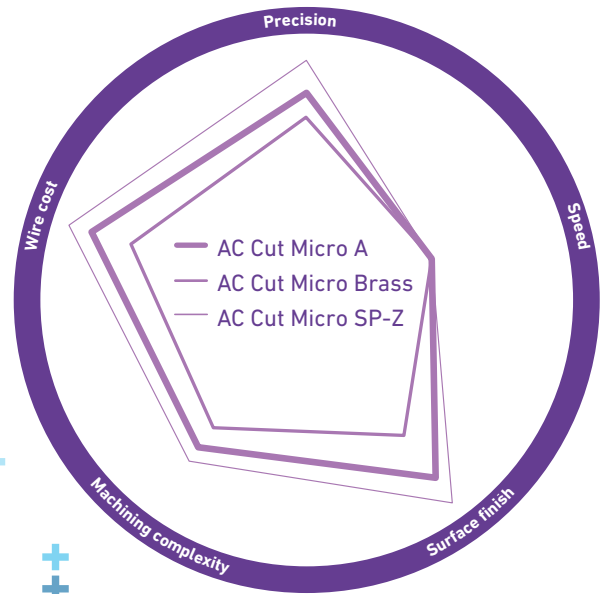
- Brass wire made from very pure alloy
- Available in wire diameters 0.05 to 0.1 mm

### AC Cut Micro TWS/TWSS

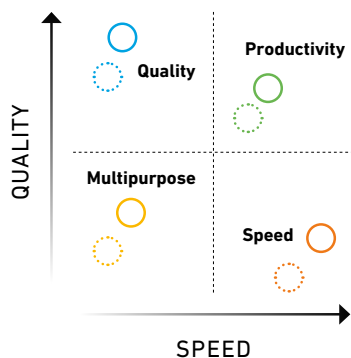
- Pure tungsten wire for finest machining without zinc
- Available in wire diameters 0.01 to 0.3 mm

### AC Cut Molybden

- Pure molybdenum wire for machining without zinc
- Available in wire diameters 0.02 to 0.3 mm



# Choose your performance



### Quality

- AC Cut AH/G
- AC Cut AL

### Multipurpose

- AC Brass/SP
- AC Brass LP

### Productivity

- AC Cut VS+/VP
- AC Cut VL/VE

### Speed

- AC Cut VH/XS
- AC Cut XL



- PREMIUM WIRES
- EFFICIENCY WIRES

## At a glance

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

[www.gfms.com](http://www.gfms.com)

