

Certified wires

Define your wires depending on your needs.



GF Agie Charmilles 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 AgieCharmilles certified wire your equipment is operating at peak precision and performance.

Even if you do not have any GF AgieCharmilles machines, you can benefit from Operations Support.

Operations Support



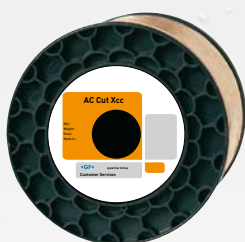
Achieve optimum levels of performance and precision in your daily operation.

GF AgieCharmilles certified wires

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

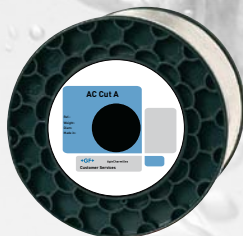
AC Cut X
Coated copper wire

AC Cut Xcc
AC Cut XS
AC Cut X



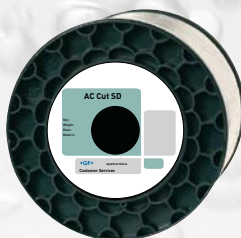
AC Cut V
Coated brass wire

AC Cut VH
AC Cut D 800/500
AC Cut VS 900/500
AC Cut VL 900/500



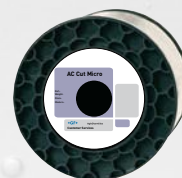
AC Cut A/G
Coated brass wire

AC Cut AH
AC Cut A900/500
AC Cut G
AC Cut AL



AC Brass
Brass wires

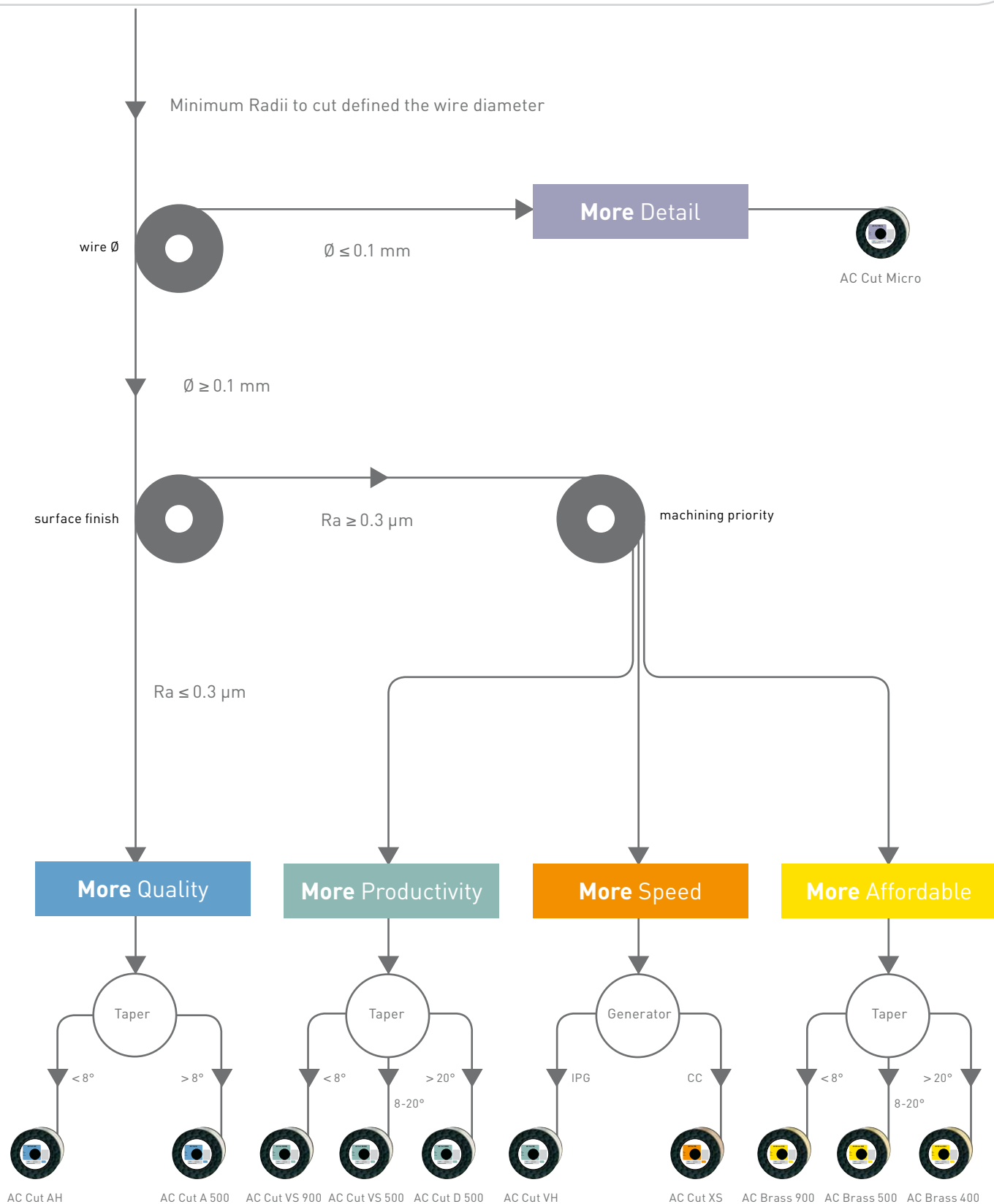
AC Brass 900/500/400
AC Brass LP 900/500
AC Brass 950 PF
AC Brass 1000



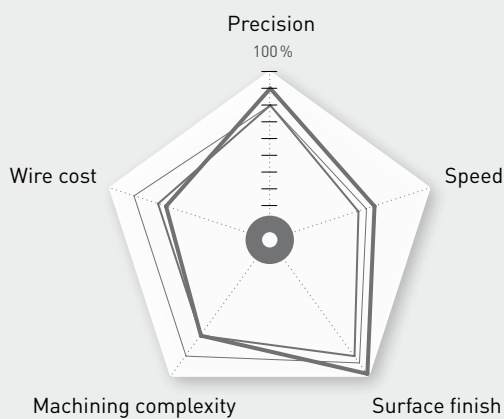
AC Cut Micro
Fine wire

AC Cut Micro S
AC Cut Micro A
AC Cut Micro Brass

How to choose the best wire for your production needs



The qualities of each GF AgieCharmilles wire are represented by a “radar” that will help you to make your choice according to the following 5 machining criteria :



— AC Cut X
— AC Cut Xcc
— AC Cut Xs

More Speed

AC Cut X | Coated copper wire

- Copper core wire's with a diffused zinc coating
- Specially developed for GF AgieCharmilles 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% faster than a brass wire
- AC Cut XS the best compromise for fast delivery at a reasonable cost



— AC Cut G
— AC Cut A 900
— AC Cut AH



— AC Cut D 800
— AC Cut VH
— AC Cut VS 900

More Quality

AC Cut A/G | Coated brass wire

- High performance zinc coated brass wires
- Specially developed for GF AgieChamilles machine to obtained perfect machining precision and surface finish $< Ra\ 0.1\ \mu m$
- Perfect surface homogeneity
- Highest precision on geometrical details and part parallelism
- AC Cut AH the new generation of A wire
- AC Cut AH an unique wire for perfect surface quality reducing your production cost by 20 %
- AC Cut A 500 is particularly recommended for complex machining with large taper $> 8^\circ$

More Productivity

AC Cut V | Brass wire with zinc base alloy

- New generation of brass wire with zinc base alloy
- The answer to the needs of most of mould, punch an die and general mechanic applications
- AC Cut VH new generation of wire that is the substitution of the AC Cut D
- AC Cut VS increase by 25 % parts production and reduce production cost by 20 % compare to brass wire
- AC Cut VS 900 the optimal solution when productivity is the priority
- AC Cut VS AC 500 is particularly recommended for complex machining with large taper $> 8^\circ$



- AC Brass 950 PF
- AC Brass 900
- AC Brass 900 LP



More Affordable

AC Brass | Brass wire

- Brass wire made from very pure alloy in order to guarantee consistent quality and performance
- Multi-purpose wire price oriented wire
- Suitable for all machine on market
- Available in different tensile strength to suite to all taper machining
- AC Brass 950 PF offers a better straightness and surface quality. This wire is especially recommended for Fanuc and Mitsubishi machines.

More Detail

AC Cut Micro | Fine wire

- AC Cut Micro S
 - High-tensile steel core wire with special coating treatment
 - For finest machining with perfect precision and surface finish
 - Available in diameter 0.10 to 0.02 mm
- AC Cut Micro A
 - High tensile zinc coated brass wires
 - For high machining quality with fine details
 - Available in diameter 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 diameter 0.07 to 0.05 mm

At a glance

Achieve more

We commit to a promise.
That promise is "Achieve more".
It's a commitment to create the
right conditions for our customers
to obtain competitive results.
When our customers win, we win.

GF AgieCharmilles

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

www.gfac.com

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AgieCharmilles

Achieve more...