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 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.
<table>
<thead>
<tr>
<th>Premium</th>
<th>Quality</th>
<th>Productivity</th>
<th>Multipurpose</th>
<th>Fine &amp; Dedicated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC Cut VH *</td>
<td>AC Cut AH 900 *</td>
<td>AC Cut VS 900+ *</td>
<td>AC Brass 900 *</td>
<td>AC Cut Micro S/SP-Z</td>
</tr>
<tr>
<td>AC Cut XS</td>
<td>AC Cut AH 500/400 *</td>
<td>AC Cut VS 900/500 *</td>
<td>AC Brass 500/400 *</td>
<td>AC Cut Micro A/Brass</td>
</tr>
<tr>
<td>AC Cut Xcc</td>
<td>AC Cut A 900/500 *</td>
<td>AC Cut D 500 *</td>
<td>AC Brass 1000 *</td>
<td>AC Cut Micro TWS/TWSS</td>
</tr>
<tr>
<td>AC Cut X</td>
<td>AC Cut G</td>
<td>AC Cut D 800</td>
<td>AC Brass 950 PF</td>
<td>AC Cut Molybden</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Efficiency</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Cut XL</td>
<td>AC Cut AL 900</td>
<td>AC Cut VL 900</td>
<td>AC Brass LP</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1000/900/500</td>
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</tbody>
</table>

* SMART wire
Certified wires

Choose the best wire for your production needs

Minimum radii to cut defined the wire diameter

Wire Ø

Ø ≥ 0.1 mm

Surface finish

Ø ≤ 0.1 mm

Ra ≤ 0.3 µm

Ra ≥ 0.3 µm

Machining priority

Fine

Quality

Productivity

Multipurpose

Speed

Fine

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 < Ra 0.1 μm
– 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°
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+ increases machining speed by 25 percent and reduces production cost by 20 percent compared 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°

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
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

Choose your performance

Quality
- AC Cut AH/G
- AC Cut AL

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

Speed
- AC Cut VH/XS
- AC Cut XL
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.

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