



EDM Wires

The Cutting Edge FOR Technology



Tamra EDM

Tamra EDM Wire cuts the workpiece metal by voltage electrical discharge, it facilitates 'Spark Machining' that discharges spark between two electrodes: tool & workpiece. Our integrated global technology evolves around the casting stage, wire drawing and in-line continuous annealing process resulting in TAMRA EDM's trustworthy tensile strength.

We have always pursued excellence for prime graded materials, maintaining the balance of stable speed cutting with precision efficiency. At Tamra we produce Uncoated Brass Wires, Zinc Coated Wires & Diffused Wires for varieties of applications.

Our focused compositions are: 63/37, 65/35, 80/20 and the most common sizes are: 0.15, 0.20 & 0.25mm.

Type	Hardness	Tensile Strength (N/mm ²)	Elongation	Conductivity (IACS)	Colour
Brass Wire (Plain)	Hard <3%	950-1050			
Zinc Coated	Semi Hard <8%	650-750		21%	
Diffused	Hard <18%				

Tamra Advantage

- Manufactured with a high precision of wire diameter tolerance of +0.00/-0.002mm with smooth surface free from flaws or irregularities.
- Our EDM Wires have excellent straightness, and are more suitable for automatic wire
- High quality material, for least impurities achieving a stable high-speed cutting.

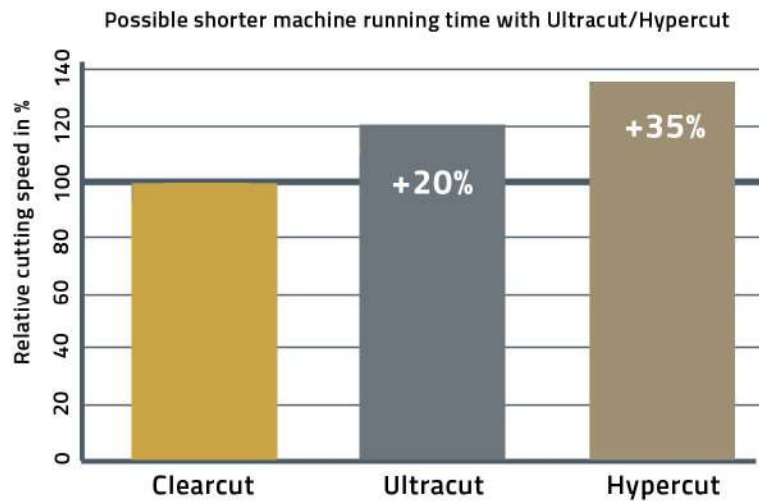
CLEARCUT - PLAIN WIRE

- Base Material : CuZn37% / CuZn35% / CuZn40%
- Prevent brass powder sticking
- Reduce wire breakage
- Excellent straightness
- Pre-eminent economic efficiency



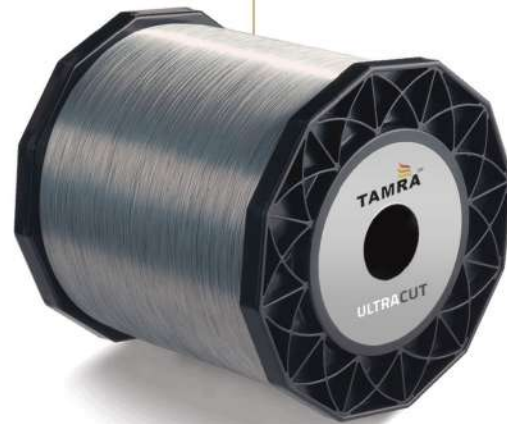
Tamra Coated EDM Wires

Coated TAMRA EDM wires are decisively faster than plain wires. The cutting speed combined with high precision can be increased by up to 35% when the gamma-phase wires ULTRACUT or HYPERCUT are used



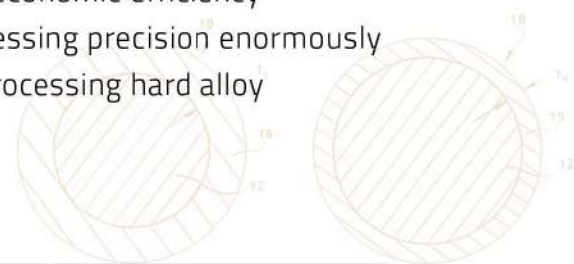
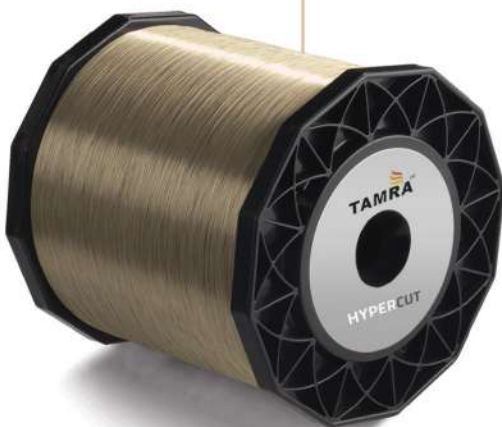
ULTRACUT - ZINC COATED WIRE

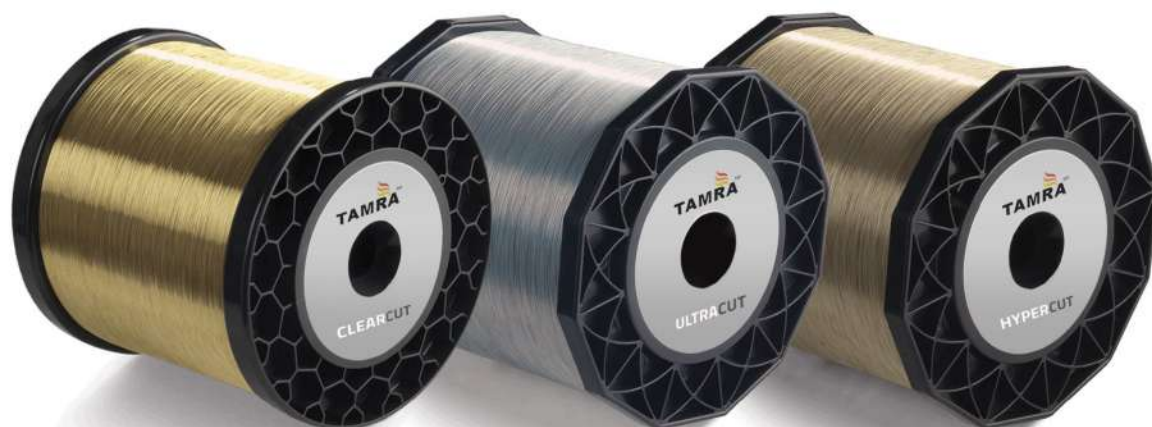
- Base Material : CuZn37% / CuZn35% / CuZn40%
- Enhance processing speed enormously
- Increase processing precision enormously
- Suitable for processing hard alloy
- Prevent brass powder sticking
- Reduce wire breakage
- Excellent straightness
- Pre-eminent economic efficiency



HYPERCUT - DIFFUSED COATING WIRE

- Base Material : CuZn37% / CuZn35% / CuZn40%
- Enhance processing speed enormously
- Prevent brass powder sticking
- Reduce wire breakage
- Excellent straightness
- Pre-eminent economic efficiency
- Increase processing precision enormously
- Suitable for processing hard alloy





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