

# EDM WIRE

## CHECKERED FLAG® QUALITY CUT BRASS WIRE

Checkered Flag® brass wire is our signature brand for our high quality EDM brass wire product line. This wire allows for faster, accurate, and high-speed cutting.



Item	Core Material	Coating Material	Tensile Strength	Elongation	Color
Checkered Flag® Hard Brass	CuZn39	paraffin-free	1070-1100 N/mm <sup>2</sup>	1%	Gold
Checkered Flag® Soft Brass	CuZn39	paraffin-free	500 N/mm <sup>2</sup>	>15%	Gold

\*Please inquire for spool size and availability

## APEX® Brass Wire

APEX® EDM brass wire is a non-paraffin wire that is very clean with outstanding straightness. Excellent auto-threadability. Ideal for the operator that is budget conscience but does not want to sacrifice on quality



Item	Core Material	Tensile Strength	Elongation	Color
Hard Brass	Cu63Zn37	980 N/mm <sup>2</sup>	<0.4%	Gold
Half Hard Brass	Cu63Zn37	441 N/mm <sup>2</sup>	<15%	Gold

\*Please inquire for spool size and availability

## RELIABLE® Brass Wire

Reliable Brass Wire is produced exclusively from virgin raw materials and is OEM tested to ensure maximum consistency from spool to spool making it one of the best value brass wire options on the market today.



Item	Core Material	Tensile Strength	Elongation	Color
Hard Brass	CuZn37	900 N/mm <sup>2</sup>	<3%	Gold
Soft Brass	CuZn37	400/500 N/mm <sup>2</sup>	>15%	Gold

\*Please inquire for spool size and availability

## RELIABLE® Coated EDM Wire

Gamma phased wire designed for all matching types. Engineered for machines that require straightened wires for threading. Suitable for all major machine manufacturers. Up to 20% higher cutting speed compared to brass wire.



Item	Core Material	Tensile Strength	Elongation	Color
Special Layer	CuZn36	800 N/mm <sup>2</sup>	<1%	Gray Gold

\*Please inquire for spool size and availability

## RELIABLE® EXPRESS EDM Wire

Reliable Express is a coated wire that offers enhanced machining speed while delivering precise surface finishes. With optimal threading capabilities and outstanding cleanliness, Reliable Express Wire truly offers both quality and speed.

The low vaporization temperature of the zinc coating enables the wire to have a cooling effect.

- Machining speed 10-20% faster than standard zinc coated wire
- Improved machining accuracy, surface roughness and auto threading
- Reduced tendency of wire breakage and copper deposit
- Machining speed 40%-60% faster than brass wire



Item	Core Material	Tensile Strength	Elongation	Color
Reliable Express	Cu63Zn37	980 N/mm <sup>2</sup>	<3%	Dark Gold

\*Please inquire for spool size and availability

## RELIABLE® X EDM Wire

Copper core diffusion annealed wire specifically designed for usage on Charmilles with X technology for fast performance cutting speed.

Coating Type	Core Material	Tensile Strength	Elongation	Color
CuZn50	Copper	520 N/mm <sup>2</sup>	1%	Brown

\*Please inquire for spool size and availability

## PUMA® EDM Wire

Introducing the wire technology that combines ultimate high speed with superior accuracy and surface finish. Based off the patented CRACKING® technology, the Hybrid PUMA® has been developed to meet the demands of today's EDM. This high-performance wire will increase your productivity and optimize your efficiency.



Item	Core Material	Coating Material	Tensile Strength	Elongation	Color
Puma	CuZn35	Special Alloy	900N/mm2	2%	Metalic Gold
Puma Half Hard	CuZn35	Special Alloy	500 N/mm <sup>2</sup>	2%	Metalic Gold

\*other sizes are available upon request

## LEO® EDM Wire

Leo wire offers outstanding performance. This coated wire uses patented CRACKING technology, which allows the zinc alloy coated wire to perform in both speed and accuracy that cannot be achieved with brass wire. 15-20% faster than conventional brass with outstanding surface finish.



Item	Core Material	Coating Material	Tensile Strength	Elongation	Color
LEO	CuZn35	Special Alloy	900N/mm2	2%	Metalic Gold
LEO Soft	CuZn35	Special Alloy	500 N/mm <sup>2</sup>	2%	Metalic Gold

\*Please inquire for spool size and availability