



# North American EDM Supplies

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## CutWise Brass EDM Wire

CutWise Premium Brass Wire is a high performance based wire that performs much better than the typical high speed wire that is Cu/Zn= 65%/35%. CutWise EDM hard brass, medium brass, and soft brass wire outperforms many of the other brands in every aspect. Not only will it cut faster than the typical wire, it will burn cleaner which also saves you money when it comes to your other EDM consumables such as EDM filters and EDM guides. The wire is not a paraffin coated wire and therefore does not have the residual burn off of the paraffin during the cutting process.



This wire is a ISO9002 standard wire and thus is held to strict restrictions on the performance of the wire.

- High quality ISO9002 certified wire. Non-Paraffin coated. This is an excellent all around wire.
- From precision cuts to being cost effective for roughing operations.
- Tensile Strength for Hard is 900 n/mm<sup>2</sup> with an elongation of 3% and a conductivity rating at 20%IACS.
- Tensile Strength for Soft is 490 n/mm<sup>2</sup> with an elongation of 15% and a conductivity rating at 23%IACS.
- Precise wire diameter (0, -0.002mm)
- Ideal for automatic threading
- Extremely clean and smooth wire surface

CutWise – Wire Specifications								
Type	Item #	Diameter		Tensile Strength		Elongation	Conductivity (IACS)	Color
Hard Brass Wire	CW-20H	0.008"	0.20mm	±900N/mm <sup>2</sup>	130K PSI	3%	23%	GOLD
	CW-25H	0.010"	0.25mm					
	CW-30H	0.012"	0.30mm					
Soft Brass Wire	CW-20S	0.008"	0.20mm	±490N/mm <sup>2</sup>	64-78K PSI	15%		
	CW-25S	0.010"	0.25mm					
	CW-30S	0.012"	0.30mm					

CutWise – Spool Size Chart				
Machine Type	Spool Type	0.20mm	0.25mm	0.30mm
Japanese Machines	P-3	*	*	*
	P-5	*	*	*
	P-10	*	*	*
	P-20	*	*	*
European Machines	D-125	*	*	*
	D-160	*	*	*
	D-200	*	*	*