

# THERMO First 900 et 500

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## 1. GENERAL SPECIFICATIONS

**THERMO First 900®** and **THERMO First 500®** are brass wires developed with full automatic production process.

These wires offer the benefits of a brass wire associating quality and competitive price.

They are recommended for standard application.

## 2. DETAILED CHARACTERISTICS

CORE:	Brass 63/37	
DIAMETER TOLERANCE:	0 / - 0.002 mm	
OVALISATION:	0.002 mm (maxi)	
	<b>THERMO First 900®</b>	<b>THERMO First 500®</b>
TENSILE STRENGTH:	949 N/mm <sup>2</sup>	460 N/mm <sup>2</sup>
YIELD STRENGTH:	844 N/mm <sup>2</sup>	323 N/mm <sup>2</sup>
ELONGATION:	2.6 %	19 %
CONDUCTIBILITY:	22% IACS	25% IACS

## 3. USAGE RECOMMENDED

*USE ON MACHINE:* All EDM machines, recommended for Japanese machines.

*USAGE RECOMMENDED:* General mechanic, molds, dies and tools.

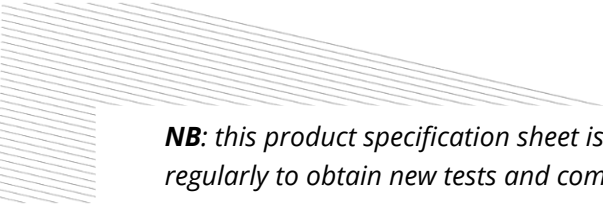
## 4. PATENTS

Manufactured in Europe by Thermocompact

Manufactured in Asia by HWA

## 5. TESTS AND COMPARISON PERFORMANCES

THERMO First 900® and THERMO First 500® associate quality and competitive prices.



**NB:** *this product specification sheet is upgraded on a regular basis, please check it regularly to obtain new tests and comparison performances.*