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1. General specifications	4. Patents
2. Detailed characteristics	5. Tests and comparison performances
3. Usage recommended	

## 1. GENERAL SPECIFICATIONS

**THERMO SWX®** is the original wire for speed.

## 2. DETAILED CHARACTERISTICS

CORE:	Copper
COATING:	Alloy CuZn (phase bêta)
DIAMETER TOLERANCE:	0/ - 0.002 mm
OVALISATION:	0.002 mm (maxi)
TENSILE STRENGTH:	450 N/mm <sup>2</sup>
YIELD STRENGTH:	350 N/mm <sup>2</sup>
ELONGATION:	1%
CONDUCTIBILITY:	80% IACS

## 3. USAGE RECOMMENDED

**USE ON MACHINE:** GFMS AgieCharmilles Robofil type and ONA machines

**USAGE RECOMMENDED:** In the field of molds.

**MATERIAL:** Steel – copper – tungsten carbide – aluminium – nickel – titanium – PCD – Graphite

## 4. PATENTS

Manufactured in Europe by Thermocompact

Manufactured in Asia by HWA

## 5. TESTS AND COMPARISON PERFORMANCES

**THERMO SWX®** is 30% faster than standard brass.

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