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1. GENERAL SPECIFICATIONS

Thermo SWW® is dedicated to machines fitted with powerful generator, due to its high electrical and thermal conductivity.

Thermo SWW® is recommended for speed cutting of tapered parts up to 45°.

2. DETAILED CHARACTERISTICS

CORE:	Brass 80/20
COATING:	Alloy CuZn (phase bêta)
DIAMETER TOLERANCE:	0/ - 0.002 mm
OVALISATION:	0.002 mm (maxi)
TENSILE STRENGTH:	450 N/mm ²
YIELD STRENGHT:	360 N/mm ²
ELONGATION:	15%
CONDUCTIBILITY:	31% IACS

3. USAGE RECOMMENDED

USE ON MACHINE: all type of wire EDM machines using automatic threading, particularly adapted for latest GFMS AgieCharmilles and Makino machines

USAGE RECOMMENDED: Recommended for molds, due to its speed cutting of tapered parts up to 45°.

MATERIAL: Steel - copper - tungsten carbide - aluminium - nickel - titanium - PCD - Graphite

4. PATENTS

Manufactured in Europe by Thermocompact

5. TESTS AND COMPARISON PERFORMANCES

Up to 20% faster than a standard brass.

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