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1. GENERAL SPECIFICATIONS

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

Thermo SWD® is recommended for applications that require standard accuracy and speed machining and machining large parts with height > 100 mm.

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:	850 N/mm ²
YIELD STRENGTH:	700 N/mm ²
ELONGATION:	2%
CONDUCTIBILITY:	27% 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: Wide range of standard applications in general mechanics and molds. Recommended for machining large part (height >100 mm).

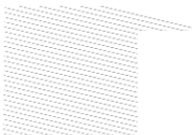
MATERIAL: Steel – copper – tungsten carbide – aluminium – nickel – titanium – PCD – Graphite

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.*