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1. GENERAL SPECIFICATIONS

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

Thermo D® 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:	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 GFMS AgieCharmilles 100 series and Makino machines.

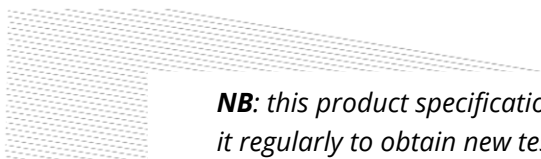
USAGE RECOMMENDED: Recommended for the fields of general mechanics and molds.

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

4. PATENTS

5. TESTS AND COMPARISON PERFORMANCES

Thermo D® has the same characteristics than Thermo SWD®. Its innovative manufacturing process allows for a very competitive price. Its high-speed erosion is up to 20% faster than brass wire.



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